

**COORDENADAS VALLADO DE LA INSTALACIÓN FV ARDILA**

<b>COORDENADAS UTM ETRS89 HUSO 29 VALLADO ZONA 1</b>	
<b>X</b>	<b>Y</b>
705776,5827	4228871,25
705719,2957	4228935,115
705693,9555	4228950,19
705632,2807	4228979,071
705550,5245	4229003,592
705555,3791	4229064,453
705560,0412	4229200,232
705540,6898	4229220,986
705531,3219	4229227,015
705436,9048	4229269,259
705436,9048	4229453,221
705452,4939	4229574,167
705598,4434	4229573,871
705572,7784	4229396,552
705678,7033	4229382,692
705664,5487	4229205,291
705835,4081	4229127,76
705896,6023	4229075,201
705969,8652	4229039,693
706079,2825	4228965,845
706100,4177	4228948,29
706076,8843	4228912,943
706045,1461	4228793,634
705963,2988	4228851,217
705931,998	4228852,63
705891,4167	4228789,711
705919,6504	4228753,745
706008,6109	4228691,88
705923,2638	4228551,727
705812,0136	4228642,919
705789,3735	4228667,014

<b>COORDENADAS UTM ETRS89 HUSO 29 VALLADO ZONA 2</b>	
<b>X</b>	<b>Y</b>
706568,5128	4228656,963
706485,3514	4228530,242
706387,6777	4228591,793
706327,6344	4228679,062
706322,404	4228709,606
706395,7035	4228790,333
706440,5827	4228751,045
706454,5117	4228742,742
706504,2321	4228721,5

<b>COORDENADAS UTM ETRS89 HUSO 29 VALLADO ZONA 3</b>	
<b>X</b>	<b>Y</b>
706430,978	4228903,31
706486,7263	4228972,496
706467,6165	4228986,553
706377,8751	4229053,279
706298,8599	4229060,623
706273,7649	4229082,564
706298,8599	4229112,109
706328,982	4229149,864
706691,0821	4229149,864
706752,9701	4229138,828
706831,6016	4229107,298
706979,3253	4229012,227
707032,7958	4228940,185
707066,4089	4228940,133
707066,4089	4228838,129
707021,9062	4228759,42
706980,1088	4228755,68
706862,3899	4228680,064
706777,1912	4228610,138
706724,6484	4228561,196
706613,303	4228698,492
706634,2797	4228717,892

<b>COORDENADAS UTM ETRS89 HUSO 29 VALLADO ZONA 4</b>	
<b>X</b>	<b>Y</b>
706622,7853	4229302,499
706664,3309	4229302,499
706786,1196	4229264,622
706786,1196	4229143,686
706622,7853	4229187,616

<b>COORDENADAS UTM ETRS89 HUSO 29 VALLADO ZONA 5</b>	
<b>X</b>	<b>Y</b>
706849,0136	4229513,138
706849,0136	4229399,093
706853,3721	4229355,713
707102,8659	4229184,049
707141,1082	4229269,208
707175,071	4229337,392
707019,1681	4229430,545
707019,1681	4229517,777
706927,2762	4229582,575

<b>COORDENADAS UTM ETRS89 HUSO 29 VALLADO ZONA 6</b>	
<b>X</b>	<b>Y</b>
707180,2787	4228245,395
707209,6588	4228283,668
707267,7903	4228342,081
707320,8433	4228394,365
707342,3044	4228405,304
707408,1104	4228449,985
707430,8232	4228467,86
707458,2092	4228493,582
707544,6051	4228530,82
707619,4136	4228572,929
707709,9878	4228647,768
707699,4574	4228660,244
707609,9754	4228587,009
707537,0039	4228545,943
707494,6533	4228528,45
707439,6119	4228508,153
707374,1823	4228548,16
707293,4848	4228597,103
707261,0467	4228623,466
707341,1787	4228767,815
707390,598	4228740,494
707466,602	4228736,405
707483,6493	4228682,606
707524,8975	4228692,413
707563,342	4228640,954
707663,6123	4228733,293

<b>COORDENADAS UTM ETRS89 HUSO 29 VALLADO ZONA 6 (CONTINUACIÓN)</b>	
<b>X</b>	<b>Y</b>
707565,4558	4228871,129
707494,1587	4228954,833
707625,0131	4229054,922
707634,5279	4229038,323
707807,1577	4228774,616
707726,1971	4228738,764
707871,762	4228492,206
707571,6695	4228340,63
707418,8042	4228246,705
707356,7407	4228223,812
707212,4154	4228180,724
707130,8135	4228161,539
707136,5326	4228191,539

<b>COORDENADAS UTM ETRS89 HUSO 29 VALLADO ZONA 7</b>	
<b>X</b>	<b>Y</b>
707657,7543	4229027,894
707785,8122	4229135,488
707900,7272	4228971,322
707775,181	4228858,104

<b>COORDENADAS UTM ETRS89 HUSO 29 VALLADO ZONA 9</b>	
<b>X</b>	<b>Y</b>
709348,6092	4229562,666
709281,2031	4229454,667
709209,5744	4229343,985
709209,5744	4229297,37
709307,0499	4229297,37
709536,3499	4229444,866
709536,4798	4229719,245
709514,2704	4229719,245

<b>COORDENADAS UTM ETRS89 HUSO 29 VALLADO ZONA 8</b>	
<b>X</b>	<b>Y</b>
709326,9833	4229639,097
709130,3861	4229310,435
709092,4605	4229270,064
709033,08	4229214,322
708958,8853	4229157,993
708901,3263	4229131,03
708522,7493	4229026,037
708401,538	4228976,563
708401,538	4229056,686
708597,1991	4229560,674
708682,548	4229585,198
708626,9712	4229798,595
708740,7964	4229798,595
708844,1111	4229891,572
708882,729	4229887,086
708926,6494	4229904,559
709000,3284	4229848,858
709086,6304	4229856,345
709109,171	4229829,544
709241,2596	4229829,544
709269,5634	4229698,33

**COORDENADAS LÍNEAS MT Y CS DE LA INSTALACIÓN FV ARDILA**

<b>COORDENADAS UTM ETRS89 HUSO 29 LÍNEA MT 1</b>	
<b>X</b>	<b>Y</b>
705577,791	4229012,118
705575,4066	4229004,168
705635,0342	4228986,284
705697,5654	4228957,002
705724,2427	4228941,132
705835,4578	4228916,171
705835,4578	4229009,819
705892,4172	4229068,784
705965,8051	4229032,771
706071,0814	4228959,254
706076,6751	4228958,988
706103,635	4228950,706
706126,6867	4228974,694
706164,8183	4229013,504
706208,3146	4229050,509
706261,9194	4229102,132
706270,6871	4229109,963
706285,9498	4229129,617
706308,3147	4229111,774
706332,6409	4229142,264
706654,5651	4229142,264
706654,5651	4228677,729
706651,2955	4228674,923
706652,2758	4228673,602
706654,5651	4228677,729
706654,5651	4229142,264
706690,4098	4229142,264
706750,8668	4229131,484
706828,0991	4229100,514
706842,9726	4229090,942
706839,8208	4229086,282
706841,8862	4229084,953
706845,0912	4229089,578
706901,0735	4229053,55
706974,0479	4229006,585
707028,9676	4228932,591

<b>COORDENADAS UTM ETRS89 HUSO 29 LÍNEA MT 1 (CONTINUACIÓN)</b>	
<b>X</b>	<b>Y</b>
707058,8089	4228932,591
707058,8089	4228840,675
707106,9278	4228824,159
707129,5703	4228751,983
707162,2969	4228730,029
707186,1184	4228660,042
707270,7831	4228625,347
707297,8726	4228603,331
707378,1352	4228554,652
707440,4361	4228516,557
707491,8869	4228535,53
707533,6774	4228552,791
707605,6728	4228593,309
707621,4182	4228565,336
707623,7321	4228566,639
707676,7279	4228610,427
707757,3114	4228670,2
707860,6354	4228495,1
707868,2556	4228482,193
707907,8704	4228503,187
708000,9329	4228579,61
708112,7158	4228691,873
708303,9633	4228925,801
708409,538	4228988,469
708520,2894	4229033,242
708898,6803	4229138,183
708954,9316	4229164,534
709028,168	4229220,135
709087,0848	4229275,441
709124,2327	4229314,985
709161,8026	4229380,731
709196,8366	4229438,643
709177,1092	4229450,577
709247,5515	4229565,645
709254,4002	4229561,502

<b>COORDENADAS UTM ETRS89 HUSO 29 LÍNEA MT 2</b>	
<b>X</b>	<b>Y</b>
707641,5308	4228572,13
707637,0424	4228577,7
707676,7279	4228610,427
707757,273	4228670,195
707713,972	4228743,807
707774,9165	4228768,76
707769,2407	4228781,826
707767,6868	4228781,138
707773,3626	4228768,072
707713,972	4228743,807
707868,2556	4228482,193
707907,8704	4228503,187
708000,9329	4228579,61
708112,7158	4228691,873
708303,9633	4228925,801
708409,538	4228988,469
708500,5154	4229025,171
708500,5154	4229290,634
708510,7241	4229316,93
708520,2079	4229313,309
708521,2937	4229316,105
708511,8302	4229319,779
708500,5154	4229290,634
708500,5154	4229025,171
708520,2894	4229033,242
708898,6803	4229138,183
708954,9316	4229164,534
709028,168	4229220,135
709087,0848	4229275,441
709124,2327	4229314,985
709161,8026	4229380,731
709196,8366	4229438,643
709177,1092	4229450,577
709247,5516	4229565,645
709254,4002	4229561,502

<b>COORDENADAS UTM ETRS89 HUSO 29 LÍNEA MT 3</b>	
<b>X</b>	<b>Y</b>
708951,4209	4229200,113
708969,8395	4229175,852
709028,168	4229220,135
709087,0848	4229275,441
709124,2327	4229314,985
709161,8026	4229380,731
709196,8366	4229438,643
709177,1092	4229450,577
709256,1208	4229579,643
709273,8799	4229568,632
709315,8094	4229635,309
709294,9801	4229635,309
709294,9801	4229632,309
709313,9229	4229632,309
709273,8799	4229568,632
709256,1208	4229579,643
709247,5474	4229565,638
709254,4002	4229561,502

<b>COORDENADAS UTM            ETRS89 HUSO 29            LÍNEA EVACUACIÓN            CENTRO SECCIONAMIENTO-SET BETURIA</b>	
<b>X</b>	<b>Y</b>
709260,0445	4229559,231
709263,6586	4229565,316
709275,644	4229557,669
709281,54	4229566,91
709308,5759	4229551,118
709320,8964	4229567,277
709349,0542	4229596,66
709507,3325	4229751,462
709534,1184	4229787,144
709571,4374	4229847,171
709613,2241	4229917,071
709729,0595	4230118,075
709757,1491	4230163,837
709849,1353	4230293,363
709898,6937	4230362,884
709949,4616	4230435,221
709989,1732	4230496,072
710022,0087	4230545,356
710060,1227	4230602,534
710076,1259	4230633,592
710104,3808	4230690,207
710215,3288	4230660,214
710230,2736	4230727,528