





No.	NOMBRE	LONGITUDE	LATITUDE
1	RecFor023ConcepciondeBuenosAires	103 15 36.4428 W	19 58 45.1081 N
2	RecFor025Cuquio	103 13 30.4428 W	20 55 45.6109 N
3	RecFor037Hostotipaquillo	103 01 27.0128 W	21 03 30.9540 N
4	RecFor041IxtlahuacandelRio	104 02 36.7816 W	20 51 45.3240 N
5	RecFor046Jocotepec	103 25 42.6824 W	20 17 5.9572 N
6	RecFor047Juanacatlan	103 10 15.5094 W	20 30 26.7306 N
7	RecFor052SanLuisSoyatlan	103 18 17.0776 W	20 11 49.0067 N
8	RecFor052AManzanilladelaPaz	103 09 19.0004 W	19 59 49.7826 N
9	RecFor053Magdalena	103 58 12.2880 W	20 54 36.6766 N
10	RecFor067SanCristobaldelaBarranca	103 25 38.8200 W	21 02 37.5300 N
11	RecFor077SantaAnita	103 26 50.9629 W	20 33 14.3853 N
12	RecFor090Tequila	103 50 20.0476 W	20 53 5.4072 N
13	RecFor092TizapanelAlto	103 02 49.7217 W	20 09 33.5546 N
14	RecFor093TlajomulcodeZuñiga	103 26 50.5245 W	20 28 38.5238 N
15	RecFor117Zapotlanejo	103 04 23.3475 W	20 37 5.1719 N
16	RecFor119AcatlandeJuarez	103 35 24.0105 W	20 25 15.9221 N
17	RecFor122Amatitan	103 44 11.4122 W	20 50 6.5221 N
18	RecFor124ElSalto	103 10 44.0140 W	20 31 6.9173 N
19	RecFor129ElArenal	103 41 41.7719 W	20 46 35.3161 N
20	RecFor132Cajititlan	103 18 42.2600 W	20 25 51.7000 N
21	RecFor008AtemajacdeBrizuela	103 43 41.7616 W	20 08 24.8880 N
22	RecFor012Atoyac	103 31 0.1451 W	20 00 32.7267 N
23	RecFor019CiudadGuzman	103 27 46.8858 W	19 42 33.6794 N
24	RecFor020SanGabriel	103 45 59.5540 W	19 44 56.8899 N
25	RecFor035GomezFarias	103 28 41.5812 W	19 47 44.6199 N
26	RecFor45JilotlandelosDolores	103 01 8.3075 W	19 22 33.5131 N
27	RecFor054SantaMariadelOro	102 54 32.5300 W	19 35 9.1400 N
28	RecFor056Mazamitla	103 01 11.5156 W	19 55 7.5418 N
29	RecFor062Pihuamo	103 22 44.2705 W	19 15 11.6991 N
30	RecFor66Quitupan	102 52 29.6200 W	19 55 37.6700 N
31	RecFor079Sayula	103 36 3.9338 W	19 53 8.1414 N
32	RecFor082TamazuladeGordiano	103 15 13.2913 W	19 40 25.4551 N
33	RecFor083Tapalpa	103 45 45.3647 W	19 56 38.3776 N







34	RecFor084Tecalitlan	103 18 26.3267 W	19 28 21.0168 N
35	RecFor088TeocuitatlandeCorona	103 22 42.3830 W	20 05 31.3272 N
36	RecFor095Toliman	103 54 40.8587 W	19 35 47.8104 N
37	RecFor099Tonila	103 32 48.3160 W	19 24 32.0460 N
38	RecFor103Tuxpan	103 22 29.4929 W	19 33 23.7394 N
39	RecFor107ValledeJuarez	102 56 36.2753 W	19 55 57.6448 N
40	RecFor113ZacoalcodeTorres	103 34 21.1575 W	20 13 23.2513 N
41	RecFor115Zapotiltic	103 25 0.9051 W	19 37 41.6421 N
42	RecFor121Amacueca	103 36 1.2271 W	20 00 40.1336 N
43	RecFor127ZapotitlándeVadillo	103 43 25.7749 W	19 28 27.4396 N
44	RecFor016CapilladeGuadalupe	102 35 29.9900 W	20 49 42.5100 N
45	RecFor033EncarnacióndeDíaz	102 14 25.2054 W	21 31 44.1115 N
46	RecFor042Jalostotitlan	102 27 55.0100 W	21 10 3.5200 N
47	RecFor050LagosdeMoreno	101 55 20.2001 W	21 22 18.1454 N
48	RecFor057Mexticacan	102 46 38.2195 W	21 15 54.3161 N
49	RecFor0610juelos	101 35 37.9400 W	21 51 54.9700 N
50	RecFor068SanDiegodeAlejandría	101 59 31.2972 W	20 59 37.2156 N
51	RecFor070SanJoseDeGracia	102 34 10.0400 W	20 40 28.9300 N
52	RecFor071SanJuandelosLagos	102 19 53.9800 W	21 14 50.8000 N
53	RecFor072SanJulian	102 10 45.7638 W	21 00 56.9641 N
54	RecFor075SanMiguelelAlto	102 24 2.2870 W	21 01 50.2323 N
55	RecFor087Teocaltiche	102 34 32.3232 W	21 26 17.5592 N
56	RecFor089Tepatitlan	102 46 24.0800 W	20 49 13.6400 N
57	RecFor104UniondeSanAntonio	102 00 17.5472 W	21 07 46.5711 N
58	RecFor106ValledeGuadalupe	102 37 1.6993 W	21 00 40.8803 N
59	RecFor110VillaHidalgo	102 35 23.2219 W	21 40 21.7366 N
60	RecFor111CañadasdeObregon	102 41 14.8805 W	21 08 53.5593 N
61	RecFor112YahualicadeGonzalezGallo	102 53 1.3819 W	21 10 44.7100 N
62	RecFor118Acatic	102 48 1.4700 W	20 38 48.5500 N
63	RecFor032ElTuito	105 19 19.3152 W	20 19 5.1891 N
64	RecFor064PuertoVallarta	105 13 32.0605 W	20 38 53.7858 N
65	RecFor076SanSebastiandelOeste	104 51 9.0459 W	20 45 40.4336 N
66	RecFor096Tomatlan	105 14 46.2800 W	19 56 30.4800 N
67	RecFor007Arandas	102 20 44.8600 W	20 41 55.7800 N
68	RecFor011Atotonilco	102 30 11.8100 W	20 33 2.0800 N







70 RecFor026Chapala 103 11 12.4114 W 20 17 2 71 RecFor029Degollado 102 08 2.9400 W 20 26 4 72 RecFor040lxtlahuacandelosMembrillos 103 11 23.1874 W 20 20 9 73 RecFor043Jamay 102 42 34.4104 W 20 17 3 74 RecFor044JesusMaria 102 13 30.3274 W 20 36 36 36 36 36 36 36 36 36 36 36 36 36	37.9976 N 25.5279 N 45.9000 N 53.2688 N 35.3666 N 27.3942 N 54.5686 N 33.9419 N 2.1250 N 36.5052 N 25.9973 N 5.1126 N
71 RecFor029Degollado 102 08 2.9400 W 20 26 4 72 RecFor040IxtlahuacandelosMembrillos 103 11 23.1874 W 20 20 9 73 RecFor043Jamay 102 42 34.4104 W 20 17 3 74 RecFor044JesusMaria 102 13 30.3274 W 20 36 3 75 RecFor049LaBarca 102 33 35.7369 W 20 16 9 76 RecFor060Ocotlan 102 45 48.3682 W 20 22 3 77 RecFor063Poncitlan 102 55 43.4873 W 20 23 3 78 RecFor069SanlgnacioCerroGordo 102 32 12.1437 W 20 44 3 79 RecFor101Tototlan 102 47 38.9194 W 20 32 3 80 RecFor116ZapotlandelRey 102 55 28.3604 W 20 28 9	45.9000 N 53.2688 N 35.3666 N 27.3942 N 54.5686 N 33.9419 N 2.1250 N 36.5052 N 25.9973 N 5.1126 N 18.5100 N
72 RecFor040lxtlahuacandelosMembrillos 103 11 23.1874 W 20 20 9 73 RecFor043Jamay 102 42 34.4104 W 20 17 3 74 RecFor044JesusMaria 102 13 30.3274 W 20 36 3 75 RecFor049LaBarca 102 33 35.7369 W 20 16 9 76 RecFor060Ocotlan 102 45 48.3682 W 20 22 3 77 RecFor063Poncitlan 102 55 43.4873 W 20 23 3 78 RecFor069SanlgnacioCerroGordo 102 32 12.1437 W 20 44 3 79 RecFor101Tototlan 102 47 38.9194 W 20 32 3 80 RecFor116ZapotlandelRey 102 55 28.3604 W 20 28 9	53.2688 N 35.3666 N 27.3942 N 54.5686 N 33.9419 N 2.1250 N 36.5052 N 25.9973 N 5.1126 N 18.5100 N
73 RecFor043Jamay 102 42 34.4104 W 20 17 3 74 RecFor044JesusMaria 102 13 30.3274 W 20 36 3 75 RecFor049LaBarca 102 33 35.7369 W 20 16 9 76 RecFor060Ocotlan 102 45 48.3682 W 20 22 3 77 RecFor063Poncitlan 102 55 43.4873 W 20 23 3 78 RecFor069SanlgnacioCerroGordo 102 32 12.1437 W 20 44 3 79 RecFor101Tototlan 102 47 38.9194 W 20 32 3 80 RecFor116ZapotlandelRey 102 55 28.3604 W 20 28 9	35.3666 N 27.3942 N 54.5686 N 33.9419 N 2.1250 N 36.5052 N 25.9973 N 5.1126 N 18.5100 N
74 RecFor044JesusMaria 102 13 30.3274 W 20 36 3 75 RecFor049LaBarca 102 33 35.7369 W 20 16 5 76 RecFor060Ocotlan 102 45 48.3682 W 20 22 3 77 RecFor063Poncitlan 102 55 43.4873 W 20 23 3 78 RecFor069SanlgnacioCerroGordo 102 32 12.1437 W 20 44 3 79 RecFor101Tototlan 102 47 38.9194 W 20 32 3 80 RecFor116ZapotlandelRey 102 55 28.3604 W 20 28 9	27.3942 N 54.5686 N 33.9419 N 2.1250 N 36.5052 N 25.9973 N 5.1126 N 18.5100 N
75 RecFor049LaBarca 102 33 35.7369 W 20 16 5 76 RecFor060Ocotlan 102 45 48.3682 W 20 22 3 77 RecFor063Poncitlan 102 55 43.4873 W 20 23 3 78 RecFor069SanlgnacioCerroGordo 102 32 12.1437 W 20 44 3 79 RecFor101Tototlan 102 47 38.9194 W 20 32 3 80 RecFor116ZapotlandelRey 102 55 28.3604 W 20 28 5	54.5686 N 33.9419 N 2.1250 N 36.5052 N 25.9973 N 5.1126 N 18.5100 N
76 RecFor060Ocotlan 102 45 48.3682 W 20 22 3 77 RecFor063Poncitlan 102 55 43.4873 W 20 23 3 78 RecFor069SanlgnacioCerroGordo 102 32 12.1437 W 20 44 3 79 RecFor101Tototlan 102 47 38.9194 W 20 32 3 80 RecFor116ZapotlandelRey 102 55 28.3604 W 20 28 9	33.9419 N 2.1250 N 36.5052 N 25.9973 N 5.1126 N 18.5100 N
77 RecFor063Poncitlan 102 55 43.4873 W 20 23 2 78 RecFor069SanlgnacioCerroGordo 102 32 12.1437 W 20 44 3 79 RecFor101Tototlan 102 47 38.9194 W 20 32 2 80 RecFor116ZapotlandelRey 102 55 28.3604 W 20 28 9	2.1250 N 36.5052 N 25.9973 N 5.1126 N 18.5100 N
78 RecFor069SanIgnacioCerroGordo 102 32 12.1437 W 20 44 3 79 RecFor101Tototlan 102 47 38.9194 W 20 32 3 80 RecFor116ZapotlandelRey 102 55 28.3604 W 20 28 9	36.5052 N 25.9973 N 5.1126 N 18.5100 N
79 RecFor101Tototlan 102 47 38.9194 W 20 32 3 80 RecFor116ZapotlandelRey 102 55 28.3604 W 20 28 5	25.9973 N 5.1126 N 18.5100 N
80 RecFor116ZapotlandelRey 102 55 28.3604 W 20 28 5	5.1126 N 18.5100 N
	18.5100 N
81 RecFor009Atengo 104 14 6.6600 W 20 16 3	20 04 02 11
82 RecFor13AutlandeNavarro 104 21 49.4237 W 19 46 2	70.0167 N
83 RecFor015Ayutla 104 20 46.2718 W 20 07 4	49.8400 N
84 RecFor017CasimiroCastillo 104 26 9.6856 W 19 36 3	11.5346 N
85 RecFor018Cihuatlan 104 33 35.4443 W 19 14 3	17.4501 N
86 RecFor024Cuautitlan 104 21 34.3700 W 19 27 2	2.4900 N
87 RecFor028SanAntonio 103 42 25.1826 W 19 57 5	58.9275 N
88 RecFor030Ejutla 104 09 55.7370 W 19 54 2	21.8501 N
89 RecFor031ElGrullo 104 12 55.8700 W 19 48 3	16.1200 N
90 RecFor048Juchitan 104 05 53.5500 W 20 05 9	9.3500 N
91 RecFor051LaHuerta 104 38 21.1900 W 19 28 5	58.8000 N
92 RecFor065Purificacion 104 36 11.7584 W 19 43 3	3.0209 N
93 RecFor085Tecolotlan 104 02 34.4004 W 20 11 4	45.6799 N
94 RecFor086Tenamaxtlan 104 10 0.3500 W 20 13 0	0.1800 N
95 RecFor098Tonaya 103 58 12.7662 W 19 47 3	3.1480 N
96 RecFor102Tuxcacuesco 103 59 4.1191 W 19 41 4	46.2100 N
97 RecFor105UniondeTula 104 16 5.1070 W 19 57 2	25.9417 N
98 RecFor123ElLimon 104 09 18.6100 W 19 49 3	31.0800 N
99 RecFor131Cuautla 104 24 18.6246 W 20 12 1	10.2220 N
100 RecFor006Ameca 104 02 38.6158 W 20 32 5	51.8634 N
101 RecFor010Atenguillo 104 29 33.0861 W 20 24 5	59.4351 N
102 RecFor021Cocula 103 49 21.0500 W 20 21 4	46.4600 N
103 RecFor034Etzatlan 104 04 47.0200 W 20 45 5	50.7600 N







104	RecFor036Guachinango	104 22 53.6100 W	20 34 31.0100 N
105	RecFor055Mascota	104 47 18.3400 W	20 31 26.1700 N
106	RecFor059Mixtlán	104 24 31.3507 W	20 26 20.0232 N
107	RecFor073SanMarcos	104 11 43.6363 W	20 47 31.2424 N
108	RecFor074SanMartinHidalgo	103 55 48.4100 W	20 26 5.7700 N
109	RecFor080Tala	103 42 5.2407 W	20 39 2.4636 N
110	RecFor081TalpadeAllende	104 49 26.7000 W	20 23 0.9000 N
111	RecFor91Teuchitlan	103 50 48.7100 W	20 41 3.5600 N
112	RecFor108VillaCorona	103 39 52.8600 W	20 25 6.0400 N
113	RecFor120AhualulcodelMercado	103 58 30.5526 W	20 42 4.2007 N
114	RecFor128SanJuanitoEscobedo	104 00 6.9474 W	20 47 55.1946 N
115	RecFor22Colotlan	103 16 10.0200 W	22 06 53.9521 N
116	RecFor027Chimaltitan	103 46 47.9700 W	21 46 47.8400 N
117	RecFor038Huejucar	103 12 42.9184 W	22 21 29.5175 N
118	RecFor039HuejuquillaelAlto	103 53 53.7926 W	22 37 39.1430 N
119	RecFor058Mezquitic	103 43 41.1988 W	22 23 16.3818 N
120	RecFor078SantaMariadelosAngeles	103 13 29.9600 W	22 10 24.7600 N
121	RecFor100Totatiche	103 26 33.8564 W	21 55 48.6624 N
122	RecFor109VillaGuerrero	103 35 25.6397 W	21 58 58.2252 N
123	RecFor130Bolaños	103 46 50.0131 W	21 49 49.9033 N
124	RecFor134SanMartindeBolaños	103 48 45.1339 W	21 40 56.1736 N