

TRANSFORMACIÓN DE POSICIONES WGS_84(G873)
TO WGS_84(G1674)

(EPOCH = 03-07-2000 (2000.180))
(EPOCH = 01-14-2013 (2013.036))

ID Mapa	Norte Latitud			Oeste Longitud			Altura Elipsoidal	Codigo
	Grad.	Min.	Seg.	Grad.	Min.	Seg.	Metros	
ZONA DEL PACIFICO (MANAGUA - PEÑAS BLANCAS)								
2952-III-2	12	09	18.83377	86	16	42.98185	61.624	MN01
2952-III-3	12	08	15.39478	86	18	25.89943	110.801	MN12
2952-III-4	12	05	46.99115	86	19	22.8871	304.835	MN13
2952-III-5	12	03	21.28846	86	18	58.79049	487.078	MN11
2952-III-6	12	00	42.94008	86	18	59.10361	775.618	MN14
2951-IV-1	11	58	43.41875	86	18	38.04597	909.115	MN04
2951-IV-2	11	56	13.06745	86	17	39.40848	831.033	MN10
2951-IV-3	11	54	16.41799	86	15	27.45778	690.146	MN09
2951-I-1	11	52	43.77819	86	14	13.53757	634.937	MN03
2951-I-2	11	51	24.58129	86	12	50.45906	588.686	MN08
2951-II-1	11	46	39.76363	86	03	6.89883	166.861	MN02
2951-II-2	11	49	54.62350	86	9	59.60493	475.483	MN07
2951-II-3	11	48	48.33681	86	7	57.18286	388.963	MN06
2951-II-4	11	47	49.93284	86	5	9.10303	267.920	MN05
2951-II-5	11	44	15.62565	86	1	12.79772	103.706	PB16
2951-II-6	11	42	15.81923	86	0	16.70481	78.210	PB15
3051-III-1	11	40	5.18215	85	58	36.89059	63.287	PB11
3050-IV-1	11	36	49.82906	85	56	38.40248	63.838	PB14
3050-IV-2	11	35	58.63937	85	55	3.00129	60.298	PB13
3050-IV-3	11	34	17.42077	85	53	56.53117	64.328	PB12
3050-IV-4	11	30	35.48826	85	53	7.53307	70.578	PB03
3050-III-1	11	28	8.34766	85	51	21.35196	80.956	PB10
3050-III-2	11	27	8.50379	85	50	11.50655	68.638	PB09
3050-III-3	11	24	57.1933	85	47	46.90714	61.442	PB08
3050-III-4	11	23	5.0479	85	45	57.51771	47.938	PB07
3050-II-1	11	21	13.52851	85	44	28.87631	47.374	PB02
3049-I-1	11	17	14.13328	85	40	39.39681	47.768	PB05
3049-I-2	11	19	28.94211	85	42	56.30932	49.483	PB06
3049-I-3	11	15	34.39065	85	38	23.95789	45.201	PB04
3049-I-4	11	13	52.08456	85	37	1.19349	45.801	PB01
ZONA DEL PACIFICO (MANAGUA (KM 8 SUR) - CORINTO)								
2952-III-8	12	06	17.92785	86	19	51.25661	240.435	I219
2952-III-1	12	04	55.32235	86	22	43.6186	513.837	I218
2952-III-9	12	04	59.89996	86	24	24.72042	397.686	I217
2952-III-10	12	04	0.31682	86	26	44.8506	214.493	I216
2952-III-11	12	04	23.70993	86	29	47.46240	142.669	I215
2852-II-1	12	05	15.74871	86	32	7.22200	112.535	I210
2852-II-2	12	06	9.45829	86	34	35.54312	79.926	I214
2852-II-3	12	07	6.98498	86	37	14.75532	79.995	I213
2852-II-4	12	08	51.65677	86	39	8.94491	60.620	I212

2852-I-8	12	11	12.33667	86	40	33.15684	76.764	IZ11
2852-I-9	12	13	32.26448	86	41	51.44296	43.405	IZ02
2852-I-1	12	15	53.25775	86	43	59.90065	22.447	IZ09
2852-IV-1	12	17	22.28686	86	45	36.66005	25.450	IZ08
2852-IV-2	12	19	15.26425	86	47	41.26089	40.932	IZ07
2853-III-1	12	21	4.14412	86	49	41.07660	58.690	IZ06
2853-III-2	12	23	24.60312	86	50	41.76429	85.480	IZ05
2853-III-3	12	25	21.31472	86	52	9.28998	104.456	IZ04
2853-III-4	12	28	0.84883	86	51	55.9813	120.018	IZ03
2853-IV-2	12	30	43.41093	86	51	39.13252	127.702	CN12
2853-IV-3	12	32	6.10202	86	54	0.88422	118.992	CN20
2853-IV-4	12	33	20.16722	86	56	44.37034	108.165	CN19
2853-IV-5	12	34	28.97289	86	59	6.48643	110.06	CN18
2753-I-1	12	35	11.7942	87	01	29.39383	105.849	CN17
2753-I-2	12	36	25.48979	87	03	56.58815	100.055	CN16
2753-I-4	12	35	22.00766	87	08	36.99874	34.247	CHC1
2753-I-5	12	33	26.23914	87	10	11.99513	10.893	CHC2
2753-I-6	12	31	58.63544	87	12	3.39122	7.43	CHC3
2753-II-1	12	30	19.15434	87	11	19.32171	5.212	CN33

ZONA DEL PACIFICO (MANAGUA (KM 5 1/2 SUR) - IZAPA)

2952-III-7	12	09	14.47707	86	20	9.99052	128.438	IZ20
2952-IV-2	12	10	56.21195	86	21	28.88075	72.919	IZ21
2952-IV-3	12	12	52.43225	86	23	51.28895	69.457	IZ22
2952-IV-1	12	13	46.51163	86	24	57.71874	53.478	IZ23
2952-IV-4	12	15	55.74362	86	28	19.65884	59.044	IZ24
2852-I-2	12	16	42.67692	86	30	20.91495	63.081	IZ25
2852-I-3	12	16	4.14971	86	32	52.27975	103.940	IZ26
2852-I-4	12	17	17.3922	86	35	8.29017	57.407	IZ27
2852-I-5	12	19	15.06777	86	37	4.40739	68.312	IZ28
2853-II-1	12	20	4.39097	86	39	10.95466	65.315	IZ29
2852-I-6	12	18	58.90937	86	41	47.20898	50.382	IZ30

ZONA DEL PACIFICO (LAS CONCHITAS - POCHOMIL)

2951-IV-4	11	56	58.92576	86	20	6.05437	641.153	MN28
2951-IV-5	11	55	12.36146	86	21	55.75295	432.725	MN29
2951-IV-6	11	53	37.82405	86	24	4.53686	285.755	MN30
2951-IV-7	11	51	13.96995	86	25	49.07124	135.995	MN31
2951-IV-8	11	50	9.56274	86	27	45.74425	103.506	MN32
2951-III-2	11	48	34.60193	86	29	35.01662	37.046	MN33
2851-II-1	11	46	23.55052	86	30	23.22195	13.258	MN34

ZONA DEL PACIFICO (MANAGUA - EMPALME NANDAIME)

2952-III-12	12	08	2.50247	86	15	59.37122	96.979	MN24
2952-II-5	12	05	19.07878	86	13	59.26643	258.638	MN23
2952-II-6	12	02	58.52968	86	11	49.99791	222.257	MN22
2952-II-7	12	01	28.74141	86	9	50.85781	301.041	MN21
2951-I-3	11	59	58.22453	86	7	36.67169	239.715	MN20
2951-I-4	11	58	25.87734	86	4	36.41450	261.144	MN19

2951-I-5	11	57	23.17041	86	5	29.36477	295.513	MN18
2951-I-6	11	54	37.83102	86	4	42.14928	507.919	MN17
2951-I-7	11	52	49.28393	86	3	5.21647	352.228	MN16
2951-I-8	11	51	8.98873	86	1	16.55276	269.747	MN15

ZONA DEL PACIFICO (CHINANDEGA - POTOSI)

2753-I-7	12	38	55.53525	87	09	15.39225	55.913	CN15
2754-II-3	12	40	18.83373	87	11	23.53278	33.688	CN14
2754-II-4	12	41	5.99412	87	13	35.72478	33.244	CN13
2754-III-2	12	42	6.62253	87	16	56.13506	38.928	CN03
2754-III-3	12	42	12.43472	87	20	0.25306	19.177	CN10
2754-III-4	12	42	22.94149	87	22	7.67287	31.405	CN09
2754-III-5	12	45	17.04339	87	23	48.73859	22.275	CN08
2754-III-1	12	48	19.65598	87	24	15.32068	25.001	CN02
2754-III-6	12	48	58.49406	87	26	43.91900	25.59	CN07
2754-IV-1	12	50	44.48075	87	29	30.27991	10.689	CN06
2654-I-1	12	53	8.10145	87	30	22.26903	11.518	CN05
2654-I-2	12	56	38.20897	87	30	8.15002	14.821	CN04
2655-II-1	13	00	23.57686	87	30	22.86857	11.105	CN01

ZONA DEL PACIFICO (CHINANDEGA - GUASAULE)

2754-II-1	12	42	41.57728	87	05	23.99719	172.864	CN28
2754-II-2	12	47	2.99108	87	02	27.69250	43.162	CN27
2854-III-1	12	47	21.51102	86	55	30.81829	16.178	CN26
2854-IV-1	12	50	26.77654	86	52	59.7006	16.345	CN22
2854-IV-2	12	55	36.60831	86	50	41.72933	41.052	CN25
2854-IV-3	12	59	44.54052	86	52	46.18146	72.594	CN24
2855-III-1	13	03	4.18902	86	54	28.72938	54.449	CN23
2855-III-2	13	03	48.08421	86	56	53.12887	44.258	CN21

ZONA DEL PACIFICO (MASAYA-GRANADA-EMPALME EL GUANACASTE)

2951-I-9	11	57	50.08205	86	0	30.91448	165.789	MN25
3051-IV-1	11	55	26.41575	85	57	50.96787	75.649	MN26
3051-IV-2	11	53	46.96164	85	59	28.20257	175.242	MN27

ZONA DEL PACIFICO (SAN JUAN DEL SUR-PUERTO SANDINO)

3049-IV-1	11	15	39.29858	85	51	39.49050	13.565	PB18
2852-IV-3	12	11	19.58917	86	45	0.67745	22.687	IZ31

ZONA CENTRAL (MANAGUA-SAN CARLOS)

2952-II-2	12	09	2.53557	86	13	36.14534	75.464	MN36
2952-II-3	12	08	21.93789	86	09	41.31633	65.439	MN00
2952-II-4	12	09	24.1293	86	8	27.43522	53.930	MN35
2952-I-1	12	11	13.60062	86	6	24.79335	50.032	MN37
2952-I-2	12	13	59.21694	86	5	34.98894	60.102	MN38
2952-I-3	12	16	21.24742	86	4	18.01447	76.836	MN39
2952-I-4	12	18	36.09835	86	3	4.69487	77.885	BO02
3052-IV-1	12	19	16.96265	85	58	29.52329	103.505	BO06
3053-III-2	12	20	45.27015	85	56	2.91887	104.269	BO07
3053-III-3	12	21	11.09549	85	53	26.34339	148.545	BO08
3053-III-4	12	23	31.77107	85	51	46.27168	140.268	BO03

3053-III-5	12	25	5.51087	85	49	44.23831	137.251	BO09
3053-III-1	12	24	34.35360	85	48	15.55598	156.059	BO10
3053-II-1	12	24	49.49319	85	44	31.19700	210.694	BO11
3053-II-2	12	23	23.36792	85	42	27.29057	260.584	BO23
3053-II-3	12	21	31.29644	85	40	12.84957	269.838	BO27
3052-I-1	12	19	8.91864	85	38	36.05888	199.769	BO28
3052-I-2	12	16	52.06161	85	39	11.44486	132.724	BO29
3052-I-3	12	13	57.54215	85	38	44.66866	100.604	BO30
3052-I-4	12	11	55.77532	85	37	27.55664	115.317	BO25
3052-I-5	12	11	0.72913	85	35	18.85405	172.224	BO31
3052-I-6	12	10	22.19327	85	32	57.91182	150.066	BO32
3052-II-1	12	09	7.36397	85	30	18.48862	128.483	BO33
3152-III-1	12	07	59.86617	85	28	11.24284	123.831	BO26
3152-III-2	12	07	53.33618	85	25	35.48883	128.986	BO36
3152-III-3	12	07	17.96709	85	23	14.30173	92.011	BO37
3152-III-4	12	05	40.38769	85	21	22.57781	76.326	BO38
3152-III-5	12	04	48.6579	85	19	17.17332	94.675	BO34
3152-III-6	12	02	51.27933	85	17	13.4601	150.167	BO39
3152-III-7	12	01	9.83184	85	15	6.92978	169.450	BO40
3152-II-2	12	00	5.54852	85	12	48.48079	181.234	BO41
3152-II-3	12	00	13.68565	85	9	47.34978	104.492	BO35
3151-I-1	11	57	54.13655	85	10	0.80549	99.096	S26
3151-I-2	11	55	39.21377	85	8	24.73505	88.663	S25
3151-I-3	11	53	32.74506	85	6	43.61335	89.264	S24
3151-I-4	11	52	10.58267	85	4	43.31596	111.691	S28
3151-I-5	11	50	17.4638	85	2	38.19903	87.856	S22
3151-II-1	11	47	58.85257	85	1	49.09765	61.940	S31
3151-II-2	11	45	31.18231	85	0	11.69143	61.693	S30
3151-III-1	11	43	24.17482	84	57	55.69991	54.776	S29
3251-III-2	11	41	28.57411	84	56	18.50292	60.728	S15
3250-IV-1	11	39	16.24103	84	54	50.72829	68.227	S21
3250-IV-2	11	37	26.19232	84	53	8.89379	62.828	S20
3250-IV-3	11	35	38.15074	84	51	2.78308	65.158	S19
3250-IV-4	11	33	42.42774	84	49	25.25068	63.751	S14
3250-IV-5	11	31	9.52653	84	49	56.31828	50.221	S18
3250-III-3	11	28	55.94892	84	50	46.22946	69.146	S17
3250-III-1	11	26	26.71534	84	51	5.88455	48.286	S16
3250-III-4	11	23	45.42596	84	49	1.42354	56.294	S05
3250-III-2	11	22	55.45145	84	47	20.30814	72.430	S12
3250-III-5	11	21	5.17035	84	45	27.16693	48.521	S11
3249-I-1	11	19	5.94376	84	44	1.71732	60.074	S10
3249-I-2	11	16	52.71586	84	43	1.31839	72.261	S04
3249-I-3	11	14	46.96506	84	41	39.79360	53.276	S09
3249-I-5	11	11	26.47406	84	44	37.80157	64.802	S07
3249-III-2	11	09	32.72925	84	45	9.06468	66.759	S06

ZONA CENTRAL (EMPALME SAN BENITO-EL ESPINO)

2952-I-2	12	18	48.36034	86	3	15.67778	75.108	BO42
2953-II-1	12	21	59.43733	86	2	51.2739	78.516	BO43
2953-II-2	12	24	14.09533	86	02	36.56669	89.063	BO44
2953-II-3	12	27	28.54465	86	02	29.3415	129.182	BO49
2953-II-4	12	28	51.33712	86	03	29.1932	157.119	BO45
2953-I-1	12	30	38.43093	86	03	19.81121	386.632	BO46
2953-I-2	12	33	11.46444	86	03	4.14485	460.253	BO47
2953-I-3	12	35	28.59521	86	02	43.41275	428.604	E24
2953-I-4	12	37	58.63122	86	03	27.20906	425.534	E23
2954-II-1	12	40	27.67014	86	05	16.79718	420.823	E22
2954-II-2	12	42	55.2373	86	05	40.63358	467.066	E21
2954-II-3	12	44	43.83781	86	07	9.67840	483.758	E20
2954-II-4	12	47	38.51499	86	07	27.71088	464.689	E19
2954-II-5	12	49	50.12650	86	06	50.89679	466.683	E18
2954-I-1-E17	12	51	40.9935	86	06	30.78493	471.104	E17
2954-I-2-E16	12	52	38.79031	86	08	3.24262	465.160	E16
2954-I-2-E15	12	54	55.65099	86	10	55.63504	472.313	E15
2954-I-3	12	57	5.26678	86	13	27.37213	634.280	E14
2954-I-4	12	59	3.42177	86	13	56.53135	608.590	E44
2954-IV-2	12	59	47.12987	86	16	1.33165	781.135	E43
2955-III-1	13	00	10.52957	86	18	26.55464	926.355	E42
2955-III-2	13	02	18.85578	86	19	21.20208	1019.185	E46
2955-III-3	13	03	46.55037	86	20	45.24347	891.111	E41
2955-III-4	13	07	33.47165	86	21	49.8929	823.753	E40
2955-III-5	13	09	21.53036	86	22	12.3168	820.893	E39
2955-IV-1	13	11	46.85336	86	22	24.73181	843.816	E45
2955-IV-2	13	13	51.75644	86	22	40.33839	909.845	E35
2955-IV-3	13	15	25.60675	86	21	15.59343	729.874	E36
2955-IV-4	13	18	11.23004	86	21	0.20214	604.876	E37
2955-IV-5	13	19	56.94274	86	22	10.66603	587.766	E38
2956-III-1	13	22	18.99092	86	23	58.83355	572.614	OC98
2956-III-2	13	24	30.11254	86	24	2.53576	551.109	OC07
2956-III-3	13	26	0.66902	86	25	29.64908	568.864	OC06
2956-III-4	13	27	20.48241	86	27	9.06225	602.169	OC05
2956-III-5	13	29	14.30252	86	29	45.58029	645.834	OC97
2856-II-1	13	29	27.9621	86	31	53.39239	714.991	OC99
2856-I-1	13	30	1.66979	86	34	20.60938	703.721	OC11
2856-II-3	13	28	21.43110	86	36	7.69476	725.153	OC10
2856-II-4	13	27	59.10266	86	38	52.09337	658.556	OC03
2856-II-5	13	26	46.65398	86	41	15.25618	731.125	OC04
2856-II-6	13	25	36.95326	86	42	43.72866	807.203	OC02

ZONA CENTRAL (MATAGALPA-JINOTEGA-CONDEGA)

3055-III-1	13	02	59.17289	85	45	47.12246	362.007	MW09
2955-II-2	13	07	59.85865	86	1	57.2889	978.702	OC36
2955-I-2	13	13	27.52321	86	7	22.9492	1154.393	OC35
2955-I-1	13	18	5.18247	86	12	47.44394	828.618	OC34

2956-III-6	13	24	37.65456	86	17	6.52945	922.025	OC33
ZONA CENTRAL (EMPALME TELICA-EMPALME SAN ISIDRO)								
2853-IV-6	12	32	31.41043	86	50	4.08612	165.702	E01
2853-IV-7	12	33	56.83214	86	47	46.52595	238.035	E02
2853-I-2	12	35	18.91856	86	44	58.56306	110.499	E03
2853-I-3	12	35	39.60518	86	42	50.95746	121.291	E04
2853-I-4	12	36	26.34428	86	39	55.53144	106.699	E05
2853-I-5	12	37	2.52278	86	37	24.92455	96.555	E06
2853-I-6	12	37	42.44038	86	34	56.03316	100.289	E07
2853-I-7	12	38	23.11341	86	32	17.53207	88.932	E08
2953-IV-3	12	39	0.6576	86	29	58.17607	67.495	E09
2953-IV-4	12	39	43.49383	86	27	12.07787	78.213	E10
2954-III-1	12	41	16.95114	86	24	48.51978	105.816	E11
2954-III-2	12	43	20.43885	86	23	32.68107	120.311	E12
2954-III-3	12	43	34.18337	86	21	17.04229	181.004	E13
2954-III-4	12	43	35.68368	86	19	4.06337	333.746	E25
2954-III-5	12	44	49.79796	86	18	5.6866	393.629	E26
2954-III-6	12	47	21.12577	86	16	12.54491	483.761	E27
2954-II-1	12	49	4.12948	86	14	8.6934	464.709	E28
2954-I-6	12	51	24.0747	86	12	17.6184	462.441	E29
2954-I-7	12	53	12.35439	86	11	0.96432	460.117	E30
ZONA CENTRAL (EMPALME DE BOACO-SIUNA)								
3053-II-1	12	24	57.71070	85	44	45.72998	196.536	BO04
3053-II-2	12	28	28.83553	85	38	42.88740	402.738	BO22
3053-I-1	12	31	55.73453	85	33	57.62464	360.413	BO21
3053-I-2	12	38	58.76475	85	32	22.15545	308.856	BO20
3054-II-1	12	44	22.03724	85	36	22.0171	309.37	BO14
3154-III-1	12	49	40.68599	85	26	43.21222	285.226	BO17
3154-IV-1	12	52	8.17010	85	19	14.00131	361.404	BO16
3154-I-1	12	55	17.10391	85	14	39.84494	419.467	BO15
3255-IV-1	13	13	27.43559	84	56	31.80831	123.861	RS07
3256-III-1	13	20	47.97823	84	53	22.53402	126.102	RS06
3256-III-2	13	27	29.90434	84	50	58.60706	75.929	RS02
3256-IV-1	13	33	58.77095	84	49	0.27228	111.669	RS05
3257-III-2	13	41	52.41424	84	46	57.82832	124.178	RS04
ZONA CENTRAL (EMPALME SAN FRANCISCO LIBRE-EMPALME EL JICARAL)								
2953-II-1	12	24	0.51592	86	09	44.29838	79.829	E47
2953-II-2	12	27	40.57069	86	14	5.61772	62.051	E33
2953-IV-1	12	30	20.17988	86	17	19.68041	54.683	E32
2953-IV-2	12	36	7.79496	86	21	41.61913	69.967	E31
ZONA CENTRAL (SEBACO-MATAGALPA)								
2954-I-5	12	54	59.55934	86	0	50.89894	631.491	OC38
3054-IV-3	12	56	26.85605	85	55	26.80005	764.487	MW02
ZONA CENTRAL (EMPALME PALACAGUINA-WIWILI)								
2956-III-6	13	26	21.85553	86	24	29.07375	539.225	OC20
2956-IV-1	13	31	47.63196	86	20	27.03047	813.806	OC21

2956-II-1	13	29	32.00069	86	14	8.31907	726.084	OC22
2956-I-2	13	34	4.11772	86	2	19.64019	510.737	OC24
3056-IV-1	13	31	57.64676	85	55	36.74387	373.674	OC25
3056-IV-2	13	36	9.84449	85	50	48.16800	456.836	OC18

ZONA CENTRAL - YALAGUINA-LAS MANOS

2956-IV-1	13	32	12.14040	86	29	22.43680	747.766	OC94
2956-IV-2	13	34	52.83713	86	28	40.65302	713.193	OC89
2956-IV-3	13	36	55.2066	86	28	26.06179	588.479	OC01
2957-III-2	13	40	30.72863	86	29	15.42163	731.031	OC95
2857-II-2	13	43	50.20379	86	30	37.77423	933.103	OC96

ZONA CENTRAL (OCOTAL-TEOTECACINTE)

2957-III-3	13	40	19.82534	86	21	28.01163	789.206	OC93
2957-III-1	13	42	36.31908	86	15	23.00915	757.276	OC92
2957-II-1	13	49	17.90601	86	10	34.43757	642.157	OC91
2957-I-1	13	55	52.80932	86	7	10.63879	688.882	OC90
2958-II-1	14	03	29.54202	86	2	58.81292	683.73	OC08

ZONA ATLANTICO Y FIDUCIALES (EMPALME DE LOVAGO - RAMA)

3152-II-4	12	01	28.30646	85	8	57.85439	220.315	R27
3152-II-5	12	03	17.61647	85	7	3.96232	406.253	R26
3152-II-6	12	03	35.97788	85	5	15.35280	374.917	R25
3152-II-7	12	03	17.2985	85	2	4.99319	324.349	R21
3152-II-1	12	03	29.23049	85	0	15.52810	328.691	R24
3252-III-1	12	02	11.16119	84	57	53.63129	252.211	R23
3252-III-2	12	00	25.9652	84	56	32.73399	330.862	R22
3251-IV-1	11	59	39.81123	84	54	15.80589	401.521	R13
3251-IV-4	11	59	50.11316	84	47	6.97767	368.756	R18
3251-IV-3	11	59	26.67463	84	49	25.2887	355.961	R19
3251-IV-2	11	59	46.16524	84	51	12.70939	364.229	R20
3251-I-1	11	59	54.05247	84	44	31.21068	158.976	R12
3252-II-1	12	00	1.83248	84	42	14.25818	118.684	R17
3252-II-2	12	00	55.16386	84	39	14.73000	149.825	R16
3252-II-3	12	02	24.25818	84	38	3.25381	138.958	R15
3252-II-4	12	03	7.10140	84	34	53.61791	114.978	R14
3252-II-5	12	03	47.72752	84	32	46.39629	102.172	R03
3252-II-6	12	05	46.28622	84	30	39.92621	51.975	R09
3352-III-1	12	06	44.65191	84	28	51.22482	142.919	R08
3352-III-3	12	09	26.83906	84	23	35.19873	42.903	R02
3352-IV-2	12	10	27.81644	84	21	34.29115	33.908	R06
3352-IV-3	12	11	3.68257	84	19	22.64984	30.100	R05
3352-IV-1	12	11	29.03137	84	15	11.01265	25.062	R04
3352-II-1	12	09	47.44428	84	13	12.84383	16.503	R01

ZONA ATLANTICO Y FIDUCIALES (MATAGALPA-SIUNA)

3054-IV-2	12	58	58.65227	85	50	15.25646	751.558	MW10
3055-III-1	13	02	50.16446	85	56	43.96025	1486.538	OC37
3055-II-1	13	09	43.7279	85	43	41.99308	872.863	MW08
3055-I-1	13	12	44.93511	85	40	1.87959	805.419	MW07

3155-IV-1	13	15	54.12196	85	27	52.67062	385.321	MW05
3155-IV-2	13	18	26.48871	85	22	54.33932	428.917	MW04
3156-III-2	13	21	44.34770	85	20	45.96243	274.531	MW03
3257-III-2	13	41	34.83373	84	51	23.46663	121.494	RS11
3257-III-1	13	43	25.75616	84	46	33.47364	160.454	RS01

ZONA ATLANTICO Y FIDUCIALES (SIUNA-PUERTO CABEZAS)

3257-II-1	13	42	12.50316	84	44	13.44293	137.570	PC46
3257-II-2	13	41	50.07905	84	42	2.03151	136.085	PC45
3257-II-3	13	40	52.26029	84	39	4.53542	127.382	PC44
3257-II-5	13	40	54.25180	84	32	59.04513	78.636	PC43
3357-III-1	13	40	21.98621	84	29	20.57074	57.449	PC42
3357-III-2	13	40	12.35463	84	27	56.06293	53.640	PC41
3257-III-4	13	44	28.45363	84	26	33.53554	78.228	PC38
3357-III-5	13	47	1.64735	84	25	44.46205	54.134	PC37
3257-III-6	13	49	37.30343	84	24	57.74115	48.345	PC36
3357-IV-1	13	53	44.26174	84	24	4.40069	51.109	PC35
3357-IV-3	13	54	59.30104	84	24	0.71530	53.751	PC34
3357-IV-4	13	56	11.83043	84	22	5.26248	57.833	PC33
3357-IV-5	13	57	51.03096	84	19	38.82449	48.964	PC21
3357-IV-6	13	57	49.18068	84	16	38.9344	46.811	PC28
3357-I-1	13	58	16.36577	84	14	25.75662	45.224	PC27
3357-I-2	14	00	16.18650	84	9	23.38402	54.192	PC26
3358-II-1	14	01	9.52810	84	6	39.41803	38.374	PC25
3358-II-2	14	02	31.43243	84	4	21.74892	46.248	PC20
3358-II-3	14	03	38.09652	84	1	52.22883	34.931	PC24
3458-III-1	14	04	5.41125	83	59	21.28263	51.026	PC23
3458-III-2	14	04	26.67084	83	57	1.47231	134.273	PC22
3458-III-3	14	04	33.68268	83	54	4.10744	103.169	PC12
3458-III-4	14	05	1.35416	83	51	19.27532	86.202	PC19
3458-III-5	14	05	56.47539	83	49	23.57604	89.885	PC18
3458-III-6	14	05	55.40519	83	46	35.70855	102.355	PC17
3458-II-1	14	06	31.93052	83	44	11.27925	58.537	PC11
3458-II-2	14	06	18.04382	83	40	34.11314	26.877	PC16
3458-II-3	14	06	42.56843	83	38	39.69985	18.800	PC15
3458-II-4	14	06	34.80065	83	35	53.34374	12.312	PC14
3458-II-5	14	06	39.73576	83	33	6.99454	7.979	PC13
3458-II-6	14	09	17.46764	83	31	38.50274	10.080	PC04
3558-IV-2	14	09	57.55977	83	29	42.58764	21.211	PC09
3558-III-3	14	09	23.50918	83	26	56.90836	68.563	PC08
3558-III-4	14	07	52.32929	83	25	36.96013	61.570	PC07
3558-III-5	14	05	30.00347	83	23	43.13712	55.844	PC06
3558-III-6	14	03	18.81008	83	24	6.58711	17.653	PC05

ZONA ATLANTICO Y FIDUCIALES (PUERTO CABEZAS-WASPAN)

3458-I-1	14	15	38.08376	83	30	51.77869	43.833	PC49
3459-II-1	14	24	48.35552	83	43	51.16231	76.957	PC51
3359-I-1	14	36	58.62293	84	1	2.57918	151.067	PC53

3460-III-2	14	42	43.78043	83	58	56.31799	66.050	PC54
3460-III-1	14	44	16.85843	83	58	16.57652	42.591	PC48

ZONA ATLANTICO (FIDUCIALES)

3356-I-1	13	30	50.97119	84	14	50.45739	30.407	PC30
3460-I-1	14	57	51.72066	83	32	11.59527	5.876	PC02
3452-III-1	11	59	45.32239	83	45	59.68258	18.618	BF01
3154-II-1	12	48	9.46084	85	8	29.74320	157.672	BO12
3153-IV-2	12	36	1.55835	85	14	59.92134	328.129	BO01
3049-I-5	11	11	33.06706	85	30	43.72549	50.059	PB17
3552-I-1	12	11	0.52810	83	03	15.52903	11.778	BF08
3152-IV-2	12	11	37.46934	85	15	5.74423	529.595	BO48
3452-I-1	12	13	58.19552	83	44	39.31326	15.255	R33
3453-II-1	12	20	18.27551	83	40	9.25216	7.645	BF06
3356-II-2	13	29	6.76242	84	5	25.73579	12.216	PC03
3249-I-1	11	14	9.06141	84	33	44.89337	93.580	S02
3456-II-1	13	24	25.82874	83	33	53.75425	5.117	PC10
3558-III-1	14	03	2.41410	83	22	44.93292	26.938	PC01
3450-IV-1	11	30	48.872	83	47	15.44287	17.336	BF03
3452-III-2	12	05	18.18885	83	59	54.17550	10.582	BF05
3249-III-1	11	08	9.25234	84	46	4.35326	62.266	S03
3448-I-1	10	56	53.82111	83	44	3.37103	10.279	S01
3354-II-1	12	49	23.19941	84	11	46.14099	15.749	RS09
3355-IV-1	13	19	13.98246	84	22	48.70183	29.186	PC39
3254-IV-1	12	54	16.34341	84	54	49.47862	115.524	BO19
3353-III-1	12	22	50.43558	84	18	57.43369	40.646	R10
3154-I-1	12	55	15.29373	85	13	14.06663	239.143	BO13
3355-II-1	13	06	39.63171	84	11	19.41859	24.186	RS08

COORDENADAS CON NOMBRE (GPS), Estas no pudieron ser identificadas con Nombre de Mapa y Ubicación

	12	28	43.07095	87	10	14.6185	4.287	116
	11	15	4.07596	85	52	31.56360	8.510	BM1R
	12	11	45.80894	86	45	36.20502	7.078	BMS1
	12	31	9.58781	85	20	38.14384	353.163	BO24
	12	28	50.61763	87	10	26.12533	4.174	CBM4
3349-III-1	11	1	8.50164	84	23	47.73083	65.057	CC01
	12	15	2.39758	85	22	32.51764	320.964	NIC0
	11	54	20.08284	86	4	27.38255	500.925	PB19
	13	11	5.82189	84	57	3.2601	99.598	RS03
	13	30	49.56160	84	59	52.91558	12.490	RS12
	14	39	46.99887	84	42	3.30188	74.162	YY