



**Coordenadas ZOIT Lago Lanalhue sistema de coordenadas
WGS_1984_UTM_Zone_19S**

Nro	Coord X	Coord Y	Nro	Coord X	Coord Y	Nro	Coord X	Coord Y
1	123,070	5,792,228	41	115,156	5,795,197	81	116,899	5,797,968
2	122,913	5,792,306	42	114,822	5,794,987	82	117,181	5,797,836
3	122,870	5,792,375	43	114,257	5,794,963	83	117,551	5,797,695
4	122,818	5,792,437	44	114,079	5,794,799	84	117,944	5,797,707
5	122,707	5,792,519	45	114,055	5,794,384	85	118,257	5,797,684
6	122,576	5,792,562	46	114,074	5,794,209	86	118,503	5,797,515
7	122,501	5,792,627	47	114,003	5,794,138	87	118,702	5,797,304
8	122,393	5,792,657	48	113,851	5,794,056	88	119,152	5,797,199
9	122,291	5,792,630	49	113,681	5,794,009	89	119,638	5,797,093
10	122,160	5,792,549	50	113,400	5,794,056	90	119,861	5,797,187
11	121,885	5,792,526	51	113,195	5,794,829	91	120,194	5,797,187
12	121,692	5,792,529	52	113,055	5,795,350	92	120,399	5,797,339
13	121,434	5,792,509	53	113,034	5,795,468	93	120,645	5,797,404
14	121,394	5,792,545	54	112,995	5,795,656	94	120,972	5,797,205
15	121,358	5,792,588	55	112,761	5,795,818	95	121,101	5,797,052
16	121,169	5,792,558	56	112,778	5,795,913	96	121,265	5,796,880
17	120,995	5,792,499	57	112,800	5,795,951	97	120,832	5,795,877
18	120,776	5,792,421	58	112,844	5,795,964	98	120,840	5,795,792
19	120,544	5,792,375	59	112,836	5,795,894	99	121,210	5,795,623
20	120,377	5,792,375	60	112,871	5,795,832	100	121,579	5,795,399
21	120,242	5,792,339	61	112,990	5,795,805	101	122,103	5,795,176
22	120,056	5,792,293	62	113,052	5,795,861	102	122,211	5,795,554
23	119,858	5,792,270	63	113,271	5,796,204	103	122,455	5,795,858
24	119,756	5,792,300	64	113,400	5,796,801	104	122,686	5,796,166
25	119,654	5,792,416	65	113,470	5,797,006	105	122,884	5,796,255
26	119,600	5,792,515	66	113,663	5,797,286	106	123,081	5,796,185
27	119,511	5,792,668	67	113,892	5,797,591	107	123,424	5,796,046
28	119,454	5,792,820	68	114,231	5,797,965	108	123,664	5,795,958
29	119,329	5,793,028	69	114,728	5,798,504	109	123,805	5,795,838
30	118,942	5,793,252	70	114,857	5,798,568	110	123,740	5,795,683
31	118,494	5,793,313	71	114,886	5,798,837	111	123,688	5,795,566
32	118,005	5,793,211	72	114,970	5,798,890	112	123,786	5,795,394
33	117,679	5,793,191	73	115,182	5,798,987	113	123,982	5,795,191
34	117,476	5,793,313	74	115,592	5,799,132	114	124,111	5,794,942

35	117,374	5,793,578	75	116,038	5,799,238	115	124,300	5,794,748
36	117,150	5,794,148	76	116,244	5,799,222	116	124,427	5,794,672
37	116,993	5,794,501	77	116,527	5,798,611	117	124,528	5,794,560
38	116,518	5,794,820	78	116,650	5,798,342	118	124,438	5,794,405
39	116,090	5,795,085	79	116,808	5,798,204	119	124,657	5,794,261
40	115,418	5,795,289	80	116,833	5,798,057	120	124,817	5,794,080

Nro	Coord X	Coord Y	Nro	Coord X	Coord Y	Nro	Coord X	Coord Y
121	124,940	5,794,050	161	129,863	5,797,013	201	131,524	5,795,913
122	124,999	5,793,992	162	129,994	5,797,271	202	131,249	5,795,999
123	125,209	5,794,009	163	129,920	5,797,486	203	131,036	5,796,152
124	125,437	5,793,951	164	130,024	5,797,808	204	130,873	5,796,272
125	125,638	5,793,856	165	130,200	5,798,064	205	130,678	5,796,399
126	125,857	5,793,696	166	130,327	5,798,202	206	130,533	5,796,490
127	125,897	5,793,487	167	130,448	5,798,262	207	130,358	5,796,629
128	125,947	5,793,348	168	130,632	5,798,226	208	130,216	5,796,584
129	126,087	5,793,173	169	130,880	5,798,208	209	130,040	5,796,536
130	126,134	5,792,909	170	131,038	5,798,248	210	129,844	5,796,544
131	126,216	5,792,634	171	131,191	5,798,238	211	129,548	5,796,621
132	126,385	5,792,529	172	131,332	5,798,154	212	129,471	5,796,549
133	126,624	5,792,202	173	131,382	5,798,167	213	129,392	5,796,443
134	126,714	5,791,764	174	131,464	5,798,300	214	129,312	5,796,322
135	126,977	5,791,774	175	131,622	5,798,322	215	129,301	5,796,206
136	127,246	5,791,786	176	131,710	5,798,305	216	129,268	5,796,050
137	127,680	5,791,903	177	131,819	5,798,465	217	129,235	5,795,910
138	127,913	5,791,967	178	131,990	5,798,584	218	129,245	5,795,683
139	128,153	5,792,037	179	132,104	5,798,420	219	129,162	5,795,482
140	128,328	5,792,014	180	132,188	5,798,208	220	129,124	5,795,390
141	128,457	5,792,102	181	132,262	5,798,022	221	129,093	5,795,296
142	128,533	5,792,435	182	132,255	5,797,949	222	129,036	5,795,132
143	128,626	5,792,820	183	132,253	5,797,849	223	128,971	5,794,995
144	128,903	5,793,528	184	132,150	5,797,736	224	128,837	5,794,871
145	128,747	5,793,684	185	132,003	5,797,655	225	128,654	5,794,759
146	128,586	5,793,823	186	132,043	5,797,507	226	128,573	5,794,615
147	128,355	5,794,054	187	132,061	5,797,377	227	128,540	5,794,519
148	128,216	5,794,406	188	132,134	5,797,133	228	128,518	5,794,373
149	128,309	5,794,671	189	132,255	5,796,992	229	128,518	5,794,302
150	128,409	5,794,980	190	132,336	5,796,869	230	128,563	5,794,227
151	128,774	5,795,228	191	132,451	5,796,780	231	128,675	5,794,159
152	128,824	5,795,511	192	132,375	5,796,698	232	128,808	5,794,074
153	128,924	5,795,843	193	132,405	5,796,584	233	128,916	5,794,016
154	129,009	5,796,336	194	132,247	5,796,472	234	129,053	5,794,023
155	129,103	5,796,535	195	132,279	5,796,344	235	129,268	5,794,068
156	129,309	5,796,733	196	132,250	5,796,138	236	129,449	5,794,093
157	129,370	5,796,872	197	132,066	5,796,071	237	129,535	5,794,024

158	129,581	5,796,967	198	131,872	5,795,994	238	129,625	5,793,912
159	129,697	5,796,938	199	131,718	5,795,937	239	129,773	5,793,899
160	129,771	5,796,897	200	131,647	5,795,911	240	129,840	5,793,683

Nro	Coord X	Coord Y	Nro	Coord X	Coord Y	Nro	Coord X	Coord Y
241	129,621	5,793,485	281	128,460	5,788,489	321	128,845	5,783,639
242	129,478	5,793,139	282	128,362	5,788,452	322	128,782	5,783,643
243	129,266	5,792,947	283	128,151	5,788,416	323	128,722	5,783,415
244	129,173	5,792,787	284	127,880	5,788,506	324	128,684	5,783,419
245	129,177	5,792,654	285	127,633	5,788,617	325	128,659	5,783,478
246	129,143	5,792,449	286	127,390	5,788,536	326	128,651	5,783,520
247	129,123	5,792,311	287	127,207	5,788,502	327	128,591	5,783,516
248	129,119	5,792,036	288	127,199	5,788,384	328	128,545	5,783,512
249	128,996	5,791,845	289	127,025	5,788,267	329	128,516	5,783,512
250	128,850	5,791,712	290	127,019	5,788,204	330	128,473	5,783,533
251	128,733	5,791,496	291	127,089	5,788,070	331	128,427	5,783,563
252	128,723	5,791,421	292	127,305	5,787,950	332	128,381	5,783,605
253	128,756	5,791,261	293	127,482	5,787,816	333	128,300	5,783,660
254	128,697	5,791,116	294	127,660	5,787,626	334	128,212	5,783,731
255	128,564	5,790,947	295	127,749	5,787,414	335	128,158	5,784,061
256	128,603	5,790,780	296	127,882	5,787,137	336	128,083	5,784,210
257	128,633	5,790,677	297	127,940	5,787,010	337	128,103	5,784,295
258	128,795	5,790,672	298	128,105	5,786,835	338	128,017	5,784,395
259	129,045	5,790,692	299	128,213	5,786,625	339	127,865	5,784,354
260	129,217	5,790,722	300	128,321	5,786,457	340	127,651	5,784,310
261	129,452	5,790,751	301	128,432	5,786,253	341	127,547	5,784,339
262	129,724	5,790,735	302	128,439	5,786,073	342	127,447	5,784,380
263	129,963	5,790,610	303	128,438	5,785,871	343	127,271	5,784,681
264	130,107	5,790,490	304	128,466	5,785,650	344	127,204	5,784,761
265	130,193	5,790,324	305	128,409	5,785,550	345	127,113	5,784,825
266	130,114	5,790,103	306	128,376	5,785,427	346	126,919	5,785,033
267	129,967	5,790,023	307	128,361	5,785,301	347	126,914	5,785,120
268	129,730	5,789,986	308	128,426	5,785,174	348	126,980	5,785,448
269	129,600	5,789,902	309	128,662	5,785,126	349	126,985	5,785,532
270	129,486	5,789,822	310	128,933	5,785,071	350	127,032	5,785,618
271	129,562	5,789,750	311	128,937	5,784,773	351	127,029	5,785,692
272	129,510	5,789,544	312	129,042	5,784,538	352	126,993	5,785,777
273	129,194	5,789,432	313	129,035	5,784,434	353	126,965	5,785,908
274	129,000	5,789,279	314	129,256	5,784,106	354	126,907	5,786,099
275	128,749	5,789,127	315	129,236	5,784,007	355	126,884	5,786,150
276	128,669	5,789,116	316	129,167	5,783,872	356	126,795	5,786,176
277	128,598	5,789,051	317	129,057	5,783,833	357	126,639	5,786,303

278	128,546	5,788,952	318	129,017	5,783,758	358	126,530	5,786,463
279	128,513	5,788,784	319	128,923	5,783,738	359	126,438	5,786,560
280	128,514	5,788,576	320	128,893	5,783,699	360	126,332	5,786,683

Nro	Coord X	Coord Y	Nro	Coord X	Coord Y	Nro	Coord X	Coord Y
361	126,243	5,786,758	401	125,575	5,790,247	441	122,835	5,791,054
362	126,148	5,786,901	402	125,481	5,790,383	442	122,978	5,791,203
363	126,090	5,786,941	403	125,377	5,790,458	443	123,122	5,791,334
364	125,983	5,787,000	404	125,294	5,790,557	444	123,198	5,791,475
365	125,836	5,787,102	405	125,196	5,790,669	445	123,214	5,791,485
366	125,739	5,787,150	406	125,120	5,790,807	446	123,257	5,791,541
367	125,678	5,787,157	407	125,044	5,790,850	447	123,263	5,791,619
368	125,649	5,787,127	408	124,962	5,790,950	448	123,260	5,791,694
369	125,589	5,787,076	409	124,918	5,791,044	449	123,289	5,791,740
370	125,510	5,787,074	410	124,939	5,791,215	450	123,335	5,791,829
371	125,466	5,787,039	411	124,903	5,791,332	451	123,335	5,791,884
372	125,431	5,786,967	412	124,860	5,791,349	452	123,361	5,791,940
373	125,394	5,786,905	413	124,820	5,791,301	453	123,338	5,791,959
374	125,247	5,786,921	414	124,756	5,791,177	454	123,280	5,791,979
375	125,127	5,786,991	415	124,638	5,790,945	455	123,247	5,792,038
376	124,978	5,787,092	416	124,511	5,790,785	456	123,260	5,792,143
377	124,911	5,787,181	417	124,242	5,790,550	457	123,211	5,792,189
378	124,809	5,787,423	418	124,075	5,790,507			
379	124,784	5,787,632	419	123,894	5,790,497			
380	124,780	5,787,817	420	123,715	5,790,354			
381	124,799	5,787,996	421	123,585	5,790,302			
382	124,990	5,788,119	422	123,534	5,790,265			
383	125,044	5,788,235	423	123,422	5,790,184			
384	125,071	5,788,324	424	123,379	5,790,157			
385	125,074	5,788,416	425	123,303	5,790,141			
386	125,054	5,788,513	426	123,224	5,790,136			
387	125,044	5,788,595	427	123,070	5,790,072			
388	125,033	5,788,709	428	122,971	5,790,094			
389	125,009	5,788,969	429	122,618	5,789,976			
390	125,033	5,789,072	430	122,500	5,790,051			
391	125,018	5,789,229	431	122,347	5,790,114			
392	125,120	5,789,415	432	122,269	5,790,244			
393	125,195	5,789,652	433	122,206	5,790,374			
394	125,223	5,789,832	434	122,177	5,790,431			
395	125,333	5,789,987	435	122,174	5,790,507			
396	125,421	5,790,022	436	122,180	5,790,626			
397	125,507	5,790,098	437	122,282	5,790,707			

398	125,567	5,790,138	438	122,507	5,790,791
399	125,607	5,790,176	439	122,647	5,790,856
400	125,653	5,790,193	440	122,751	5,790,932