

European Ground Motion Service (EGMS) - GNSS calibration data

Copernicus Land Monitoring Service



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Version: **1**

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Contact:

European Environment Agency (EEA)
Kongens Nytorv 6
1050 Copenhagen K
Denmark

<https://land.copernicus.eu/>

#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
71.677059100	24.988045730	0.28	-0.42	0.41	0.41	0.41	0.74	4850000	5450000
71.573514230	26.348400110	0.26	-0.34	0.71	0.39	0.39	0.70	4900000	5450000
71.461257320	27.694442550	0.21	-0.25	1.00	0.41	0.41	0.73	4950000	5450000
71.340438940	29.025307670	0.13	-0.18	1.23	0.42	0.42	0.76	5000000	5450000
71.211217090	30.340206270	0.01	-0.14	1.35	0.42	0.42	0.75	5050000	5450000
71.411100550	21.949184740	0.30	-0.57	0.11	0.43	0.43	0.80	4750000	5400000
71.327496480	23.305576110	0.32	-0.49	0.54	0.41	0.41	0.75	4800000	5400000
71.235103650	24.650476440	0.36	-0.43	0.86	0.37	0.37	0.65	4850000	5400000
71.134045700	25.982932550	0.43	-0.38	1.09	0.25	0.25	0.42	4900000	5400000
71.024455090	27.302055650	0.38	-0.22	1.48	0.35	0.35	0.60	4950000	5400000
70.906472250	28.607023670	0.25	-0.14	1.71	0.39	0.39	0.68	5000000	5400000
70.780244740	29.897082900	0.12	-0.12	1.83	0.38	0.38	0.66	5050000	5400000
70.645926390	31.171548850	-0.01	-0.12	1.84	0.33	0.33	0.56	5100000	5400000
70.503676470	32.429806440	-0.13	-0.04	1.63	0.38	0.38	0.66	5150000	5400000
71.037514410	20.345752430	0.37	-0.64	0.14	0.42	0.42	0.78	4700000	5350000
70.964614900	21.683489790	0.32	-0.59	0.73	0.40	0.41	0.74	4750000	5350000
70.883011040	23.011479690	0.32	-0.50	1.20	0.39	0.39	0.70	4800000	5350000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
70.7928089 40	24.328 769320	0.38	-0.42	1.53	0.36	0.36	0.63	485000 0	535000 0
70.6941237 80	25.634 460550	0.51	-0.28	1.84	0.30	0.30	0.49	490000 0	535000 0
70.5870791 10	26.927 712790	0.54	-0.09	2.27	0.26	0.26	0.44	495000 0	535000 0
70.4718060 50	28.207 745270	0.38	-0.02	2.31	0.36	0.36	0.61	500000 0	535000 0
70.3484425 80	29.473 838620	0.22	-0.03	2.36	0.36	0.36	0.61	505000 0	535000 0
70.2171327 50	30.725 335900	0.08	-0.07	2.37	0.25	0.25	0.42	510000 0	535000 0
70.0780259 20	31.961 642960	-0.06	0.03	2.10	0.36	0.36	0.61	515000 0	535000 0
69.9312759 90	33.182 228280	-0.17	0.14	1.71	0.42	0.42	0.76	520000 0	535000 0
69.7770406 50	34.386 622290	-0.30	0.20	1.27	0.44	0.44	0.82	525000 0	535000 0
70.7056729 60	17.477 120410	0.55	-0.73	-0.70	0.43	0.43	0.79	460000 0	530000 0
70.6517784 60	18.802 309040	0.48	-0.70	0.09	0.42	0.42	0.76	465000 0	530000 0
70.5892001 80	20.120 338470	0.38	-0.68	0.84	0.39	0.39	0.70	470000 0	530000 0
70.5180180 90	21.430 225720	0.27	-0.65	1.51	0.34	0.34	0.63	475000 0	530000 0
70.4383219 20	22.731 029560	0.23	-0.57	2.03	0.29	0.29	0.56	480000 0	530000 0
70.3502105 40	24.021 854360	0.32	-0.42	2.33	0.34	0.34	0.60	485000 0	530000 0
70.2537914 10	25.301 853310	0.46	-0.18	2.59	0.34	0.34	0.58	490000 0	530000 0
70.1491798 70	26.570 231160	0.53	0.03	2.87	0.28	0.28	0.46	495000 0	530000 0
70.0364985 40	27.826 246410	0.42	0.10	2.88	0.33	0.33	0.55	500000 0	530000 0
69.9158765 90	29.069 212810	0.28	0.14	2.88	0.38	0.38	0.65	505000 0	530000 0
69.7874490 30	30.298 500470	0.14	0.16	2.81	0.38	0.38	0.66	510000 0	530000 0
69.6513560 90	31.513 536390	0.00	0.20	2.55	0.40	0.40	0.71	515000 0	530000 0
69.5077424 20	32.713 804430	-0.12	0.27	2.15	0.43	0.43	0.78	520000 0	530000 0
69.3567564 90	33.898 844950	-0.23	0.32	1.67	0.44	0.44	0.82	525000 0	530000 0
70.2546392 20	17.316 975690	0.64	-0.74	-0.06	0.41	0.41	0.73	460000 0	525000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
70.2020008 30	18.614 481320	0.56	-0.71	0.82	0.37	0.38	0.66	465000 0	525000 0
70.1408727 10	19.905 313690	0.41	-0.71	1.62	0.33	0.33	0.59	470000 0	525000 0
70.0713293 60	21.188 552080	0.20	-0.72	2.32	0.22	0.22	0.46	475000 0	525000 0
69.9934544 40	22.463 313100	0.17	-0.61	2.81	0.24	0.24	0.46	480000 0	525000 0
69.9073402 30	23.728 754090	0.23	-0.41	3.07	0.26	0.26	0.51	485000 0	525000 0
69.8130870 80	24.984 076140	0.40	-0.11	3.24	0.36	0.36	0.62	490000 0	525000 0
69.7108028 60	26.228 526630	0.45	0.11	3.39	0.30	0.30	0.51	495000 0	525000 0
69.6006023 40	27.461 401280	0.40	0.25	3.46	0.29	0.29	0.48	500000 0	525000 0
69.4826065 80	28.682 045650	0.29	0.33	3.50	0.39	0.38	0.67	505000 0	525000 0
69.3569422 80	29.889 856290	0.17	0.36	3.38	0.41	0.41	0.73	510000 0	525000 0
69.2237411 70	31.084 281270	0.05	0.39	3.08	0.42	0.42	0.77	515000 0	525000 0
69.0831393 60	32.264 820430	-0.07	0.41	2.64	0.43	0.43	0.80	520000 0	525000 0
66.5217694 40	- 24.480 610650	4.54	-16.07	-0.31	0.41	0.41	0.73	285000 0	520000 0
66.7351574 60	- 23.495 135330	4.28	-16.90	1.18	0.40	0.41	0.72	290000 0	520000 0
69.8468021 70	15.887 754840	0.81	-0.75	-0.36	0.38	0.38	0.67	455000 0	520000 0
69.8037270 50	17.164 132330	0.72	-0.77	0.65	0.36	0.36	0.62	460000 0	520000 0
69.7522873 90	18.435 173150	0.63	-0.73	1.64	0.27	0.28	0.46	465000 0	520000 0
69.6925437 20	19.699 984100	0.50	-0.69	2.41	0.28	0.28	0.48	470000 0	520000 0
69.6245655 60	20.957 701810	0.37	-0.63	2.99	0.30	0.30	0.53	475000 0	520000 0
69.5484310 20	22.207 496270	0.33	-0.47	3.41	0.27	0.26	0.50	480000 0	520000 0
69.4642263 30	23.448 573990	0.40	-0.20	3.67	0.32	0.32	0.56	485000 0	520000 0
69.3720453 50	24.680 180740	0.44	0.03	3.93	0.37	0.37	0.63	490000 0	520000 0
69.2719890 60	25.901 603940	0.44	0.23	4.14	0.38	0.37	0.64	495000 0	520000 0
69.1641650	27.112	0.39	0.42	4.24	0.37	0.36	0.64	500000	520000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
30	174570							0	0
69.0486868 30	28.311 268660	0.30	0.54	4.26	0.39	0.38	0.68	505000 0	520000 0
68.9256734 60	29.498 308370	0.18	0.55	4.09	0.41	0.40	0.72	510000 0	520000 0
68.7952488 30	30.672 762690	0.07	0.55	3.72	0.42	0.42	0.76	515000 0	520000 0
68.6575410 90	31.834 147720	-0.04	0.54	3.20	0.43	0.43	0.79	520000 0	520000 0
68.5126821 60	32.982 026570	-0.12	0.55	2.59	0.43	0.43	0.81	525000 0	520000 0
66.1343886 60	- 23.905 591150	4.60	-16.89	-0.05	0.33	0.34	0.57	285000 0	515000 0
66.3441754 00	- 22.929 735060	4.24	-17.72	1.75	0.32	0.32	0.54	290000 0	515000 0
66.5483726 30	- 21.939 072180	4.84	-17.40	0.74	0.40	0.40	0.71	295000 0	515000 0
66.7468455 40	- 20.933 623570	5.06	-17.24	-1.29	0.43	0.43	0.78	300000 0	515000 0
69.4289319 10	14.512 570610	0.84	-0.82	-0.62	0.38	0.38	0.68	450000 0	515000 0
69.3950503 70	15.767 401640	0.98	-0.71	0.26	0.25	0.24	0.43	455000 0	515000 0
69.3529384 40	17.018 105960	0.68	-0.83	1.47	0.28	0.29	0.49	460000 0	515000 0
69.3026438 90	18.263 823090	0.40	-0.90	2.62	0.23	0.25	0.43	465000 0	515000 0
69.2442232 30	19.503 715790	0.43	-0.77	3.25	0.21	0.24	0.43	470000 0	515000 0
69.1777414 30	20.736 973470	0.58	-0.49	3.65	0.29	0.29	0.49	475000 0	515000 0
69.1032715 00	21.962 815500	0.60	-0.23	3.98	0.30	0.30	0.49	480000 0	515000 0
69.0208941 30	23.180 494020	0.60	0.08	4.20	0.17	0.17	0.28	485000 0	515000 0
68.9306972 30	24.389 296530	0.51	0.15	4.62	0.35	0.35	0.59	490000 0	515000 0
68.8327754 30	25.588 548040	0.45	0.32	4.89	0.39	0.38	0.67	495000 0	515000 0
68.7272296 70	26.777 612880	0.38	0.56	5.06	0.38	0.35	0.66	500000 0	515000 0
68.6141665 90	27.955 896160	0.28	0.77	5.12	0.36	0.30	0.62	505000 0	515000 0
68.4936981 10	29.122 844840	0.19	0.74	4.91	0.37	0.36	0.64	510000 0	515000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
68.3659408 40	30.277 948430	0.07	0.70	4.45	0.40	0.39	0.70	515000 0	515000 0
68.2310155 80	31.420 739390	-0.03	0.67	3.82	0.42	0.42	0.77	520000 0	515000 0
68.0890467 90	32.550 793170	-0.11	0.64	3.11	0.42	0.42	0.80	525000 0	515000 0
65.5331431 70	- 24.301 625800	4.50	-16.81	-1.08	0.37	0.39	0.65	280000 0	510000 0
65.7448572 30	- 23.349 544250	4.63	-17.50	0.30	0.31	0.33	0.53	285000 0	510000 0
65.9511456 10	- 22.383 310850	4.63	-17.59	1.92	0.31	0.32	0.52	290000 0	510000 0
66.1518800 90	- 21.402 935420	4.89	-17.58	0.97	0.39	0.40	0.68	295000 0	510000 0
66.3469315 10	- 20.408 454240	5.23	-17.32	-0.97	0.42	0.42	0.75	300000 0	510000 0
66.5361700 00	- 19.399 931650	5.81	-16.76	-3.47	0.42	0.43	0.77	305000 0	510000 0
66.7194652 80	- 18.377 461690	4.37	-14.40	-4.80	0.43	0.43	0.79	310000 0	510000 0
69.0016528 50	13.189 302840	0.75	-0.95	-0.82	0.41	0.41	0.74	445000 0	510000 0
68.9766039 20	14.422 331180	0.75	-0.93	0.15	0.37	0.37	0.66	450000 0	510000 0
68.9434657 70	15.652 322910	0.71	-0.92	1.21	0.30	0.30	0.51	455000 0	510000 0
68.9022745 70	16.878 453980	0.49	-1.00	2.42	0.25	0.27	0.46	460000 0	510000 0
68.8530749 60	18.099 917810	0.34	-0.98	3.51	0.24	0.26	0.45	465000 0	510000 0
68.7959197 80	19.315 928570	0.45	-0.75	4.05	0.30	0.31	0.54	470000 0	510000 0
68.7308698 10	20.525 724420	0.65	-0.45	4.42	0.30	0.30	0.52	475000 0	510000 0
68.6579934 20	21.728 570430	0.74	-0.19	4.76	0.29	0.27	0.50	480000 0	510000 0
68.5773661 90	22.923 761160	0.63	0.01	5.10	0.29	0.29	0.49	485000 0	510000 0
68.4890705 50	24.110 623030	0.53	0.14	5.44	0.28	0.27	0.47	490000 0	510000 0
68.3931953 00	25.288 516330	0.41	0.32	5.66	0.37	0.37	0.64	495000 0	510000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
68.2898352 30	26.456 836950	0.32	0.53	5.79	0.38	0.37	0.66	500000 0	510000 0
68.1790906 30	27.615 017710	0.24	0.73	5.84	0.36	0.34	0.61	505000 0	510000 0
68.0610668 00	28.762 529440	0.17	0.85	5.78	0.23	0.23	0.38	510000 0	510000 0
67.9358736 30	29.898 881720	0.05	0.80	5.18	0.34	0.34	0.59	515000 0	510000 0
67.8036250 50	31.023 623330	-0.07	0.74	4.41	0.41	0.41	0.74	520000 0	510000 0
67.6644385 90	32.136 342350	-0.16	0.72	3.62	0.43	0.42	0.79	525000 0	510000 0
65.1450014 70	- 23.754 746400	4.48	-17.57	-1.41	0.29	0.35	0.53	280000 0	505000 0
65.3532847 00	- 22.811 653060	4.45	-17.57	0.29	0.29	0.33	0.51	285000 0	505000 0
65.5561744 60	- 21.855 024690	4.95	-17.99	2.10	0.27	0.33	0.49	290000 0	505000 0
65.7535477 30	- 20.884 885520	5.52	-17.67	1.90	0.38	0.39	0.66	295000 0	505000 0
65.9452806 90	- 19.901 284900	5.95	-17.73	0.36	0.40	0.40	0.70	300000 0	505000 0
66.1312490 70	- 18.904 298820	6.84	-17.13	-3.35	0.38	0.39	0.67	305000 0	505000 0
66.3113283 80	- 17.894 031300	5.32	-14.15	-3.46	0.39	0.40	0.69	310000 0	505000 0
66.4853942 00	- 16.870 615750	1.94	-8.55	-0.61	0.41	0.41	0.75	315000 0	505000 0
66.6533225 50	- 15.834 216290	0.24	-2.03	-1.63	0.43	0.43	0.80	320000 0	505000 0
68.5655503 40	11.915 815560	0.75	-1.02	-1.14	0.41	0.41	0.74	440000 0	505000 0
68.5489831 40	13.126 924890	0.70	-1.05	-0.12	0.38	0.38	0.66	445000 0	505000 0
68.5244731 60	14.335 975300	0.58	-1.08	1.02	0.32	0.32	0.58	450000 0	505000 0
68.4920461 30	15.542 181650	0.58	-1.05	2.14	0.27	0.28	0.47	455000 0	505000 0
68.4517358 80	16.744 771240	0.56	-1.01	3.21	0.28	0.30	0.45	460000 0	505000 0
68.4035841	17.942	0.51	-0.93	4.10	0.31	0.33	0.52	465000	505000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
90	986970							0	0
68.347640540	19.136090460	0.54	-0.74	4.70	0.36	0.36	0.60	4700000	5050000
68.283961870	20.323364890	0.58	-0.50	5.20	0.34	0.34	0.57	4750000	5050000
68.212612250	21.504117660	0.59	-0.27	5.64	0.32	0.31	0.53	4800000	5050000
68.133662600	22.677682780	0.54	-0.07	5.97	0.34	0.33	0.57	4850000	5050000
68.047190280	23.843423030	0.45	0.10	6.23	0.33	0.32	0.55	4900000	5050000
67.953278710	25.000731840	0.33	0.27	6.37	0.36	0.34	0.60	4950000	5050000
67.852017030	26.149034860	0.24	0.46	6.43	0.35	0.34	0.58	5000000	5050000
67.743499610	27.287791300	0.17	0.62	6.41	0.34	0.34	0.57	5050000	5050000
67.627825650	28.416494940	0.08	0.74	6.22	0.34	0.33	0.56	5100000	5050000
67.505098770	29.534674880	-0.03	0.74	5.68	0.37	0.36	0.64	5150000	5050000
67.375426520	30.641896020	-0.12	0.74	4.91	0.41	0.41	0.74	5200000	5050000
67.238919980	31.737759280	-0.23	0.76	4.09	0.43	0.43	0.80	5250000	5050000
67.095693320	32.821901580	-0.33	0.75	3.26	0.43	0.43	0.82	5300000	5050000
64.544636840	-24.146399990	4.10	-16.96	-4.36	0.34	0.37	0.61	2750000	5000000
64.754826400	-23.225251200	4.46	-17.33	-2.46	0.31	0.35	0.55	2800000	5000000
64.959773710	-22.291140050	4.93	-18.05	0.10	0.31	0.34	0.54	2850000	5000000
65.159361500	-21.344080670	5.40	-18.11	2.85	0.31	0.35	0.54	2900000	5000000
65.353471690	-20.384109760	6.22	-18.36	4.74	0.36	0.37	0.62	2950000	5000000
65.541985640	-19.411287920	7.40	-17.98	4.09	0.36	0.37	0.62	3000000	5000000
65.724784390	-18.425700930	8.54	-17.45	0.32	0.23	0.27	0.41	3050000	5000000
65.901748940	-17.427	7.35	-15.28	0.52	0.30	0.31	0.51	3100000	5000000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	461050							0	0
66.0727605 30	- 16.416 708160	1.32	-3.68	2.34	0.37	0.37	0.64	315000 0	500000 0
66.2377009 40	- 15.393 610890	0.17	-0.55	-0.47	0.42	0.42	0.76	320000 0	500000 0
66.3964528 30	- 14.358 367690	0.72	-1.00	-1.37	0.44	0.44	0.82	325000 0	500000 0
66.5489000 60	- 13.311 207700	0.75	-0.94	-1.09	0.44	0.44	0.85	330000 0	500000 0
68.1127467 90	11.879 173910	0.77	-1.07	-0.53	0.37	0.37	0.65	440000 0	500000 0
68.0965289 70	13.067 181750	0.70	-1.08	0.51	0.27	0.27	0.46	445000 0	500000 0
68.0725349 30	14.253 259000	0.51	-1.18	1.82	0.25	0.25	0.46	450000 0	500000 0
68.0407887 60	15.436 668950	0.52	-1.13	2.95	0.29	0.30	0.49	455000 0	500000 0
68.0013221 60	16.616 686080	0.55	-1.04	3.87	0.33	0.34	0.55	460000 0	500000 0
67.9541742 70	17.792 598910	0.60	-0.89	4.61	0.34	0.35	0.57	465000 0	500000 0
67.8993914 90	18.963 712830	0.61	-0.72	5.24	0.35	0.35	0.58	470000 0	500000 0
67.8370272 20	20.129 352670	0.56	-0.52	5.84	0.32	0.32	0.53	475000 0	500000 0
67.7671416 10	21.288 865090	0.48	-0.33	6.41	0.24	0.24	0.39	480000 0	500000 0
67.6898012 40	22.441 620820	0.44	-0.10	6.70	0.36	0.36	0.61	485000 0	500000 0
67.6050788 10	23.587 016630	0.35	0.09	6.88	0.36	0.34	0.61	490000 0	500000 0
67.5130527 90	24.724 477030	0.24	0.28	6.97	0.34	0.31	0.58	495000 0	500000 0
67.4138070 60	25.853 455810	0.16	0.44	7.01	0.27	0.27	0.45	500000 0	500000 0
67.3074305 20	26.973 437240	0.07	0.57	6.90	0.30	0.30	0.49	505000 0	500000 0
67.1940167 10	28.083 937100	-0.01	0.63	6.60	0.38	0.36	0.64	510000 0	500000 0
67.0736634 20	29.184 503410	-0.11	0.64	6.09	0.39	0.35	0.68	515000 0	500000 0
66.9464722 70	30.274 716920	-0.21	0.74	5.31	0.41	0.40	0.74	520000 0	500000 0
66.8125483 00	31.354 191410	-0.30	0.80	4.47	0.43	0.43	0.79	525000 0	500000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
66.6719996 10	32.422 573760	-0.41	0.80	3.62	0.44	0.44	0.82	530000 0	500000 0
63.9437877 50	- 24.525 468360	3.53	-15.52	-5.16	0.41	0.42	0.76	270000 0	495000 0
64.1558021 70	- 23.625 153920	3.88	-16.21	-5.88	0.37	0.37	0.66	275000 0	495000 0
64.3627170 30	- 22.712 417710	3.87	-16.99	-2.99	0.32	0.32	0.55	280000 0	495000 0
64.5644205 00	- 21.787 265400	4.51	-18.24	0.72	0.26	0.28	0.47	285000 0	495000 0
64.7607998 60	- 20.849 722980	4.77	-18.96	4.70	0.28	0.31	0.50	290000 0	495000 0
64.9517418 30	- 19.899 837920	6.31	-18.52	10.23	0.26	0.29	0.49	295000 0	495000 0
65.1371326 90	- 18.937 680430	9.32	-17.82	12.63	0.31	0.32	0.54	300000 0	495000 0
65.3168585 60	- 17.963 344500	11.63	-18.03	8.11	0.29	0.31	0.50	305000 0	495000 0
65.4908056 70	- 16.976 949070	8.92	-12.70	4.60	0.24	0.25	0.40	310000 0	495000 0
65.6588606 20	- 15.978 639070	1.44	-0.18	4.93	0.34	0.34	0.57	315000 0	495000 0
65.8209106 60	- 14.968 586340	0.65	-0.35	-0.36	0.41	0.41	0.73	320000 0	495000 0
65.9768440 10	- 13.946 990570	0.90	-0.61	-0.95	0.43	0.43	0.81	325000 0	495000 0
67.6684183 00	10.677 077330	0.79	-1.18	-0.87	0.42	0.42	0.76	435000 0	495000 0
67.6601671 00	11.844 050690	0.76	-1.16	0.10	0.37	0.37	0.65	440000 0	495000 0
67.6442839 90	13.009 910850	0.70	-1.15	1.19	0.29	0.29	0.47	445000 0	495000 0
67.6207842 80	14.173 958370	0.57	-1.19	2.48	0.29	0.31	0.49	450000 0	495000 0
67.5896905 70	15.335 501120	0.49	-1.18	3.68	0.26	0.27	0.44	455000 0	495000 0
67.5510325 80	16.493 857030	0.52	-1.09	4.53	0.31	0.29	0.52	460000 0	495000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
67.5048470 50	17.648 356750	0.66	-0.90	5.12	0.29	0.29	0.48	465000 0	495000 0
67.4511775 20	18.798 346090	0.68	-0.72	5.73	0.27	0.27	0.44	470000 0	495000 0
67.3900741 50	19.943 188440	0.58	-0.54	6.38	0.36	0.36	0.60	475000 0	495000 0
67.3215934 50	21.082 266970	0.47	-0.33	6.91	0.37	0.37	0.62	480000 0	495000 0
67.2457980 10	22.214 986590	0.37	-0.12	7.24	0.38	0.38	0.65	485000 0	495000 0
67.1627562 30	23.340 775830	0.26	0.11	7.44	0.36	0.34	0.62	490000 0	495000 0
67.0725419 90	24.459 088410	0.15	0.34	7.49	0.34	0.32	0.59	495000 0	495000 0
66.9752343 00	25.569 404650	0.06	0.52	7.51	0.35	0.33	0.59	500000 0	495000 0
66.8709170 00	26.671 232650	-0.02	0.63	7.33	0.36	0.35	0.61	505000 0	495000 0
66.7596783 60	27.764 109240	-0.10	0.66	6.93	0.39	0.37	0.67	510000 0	495000 0
66.6416107 50	28.847 600690	-0.20	0.70	6.37	0.38	0.36	0.67	515000 0	495000 0
66.5168102 40	29.921 303280	-0.29	0.81	5.60	0.40	0.39	0.70	520000 0	495000 0
66.3853762 70	30.984 843610	-0.39	0.85	4.78	0.42	0.42	0.76	525000 0	495000 0
66.2474112 30	32.037 878660	-0.48	0.84	3.93	0.44	0.43	0.81	530000 0	495000 0
63.5562389 40	- 24.012 317500	3.36	-14.21	-5.78	0.42	0.42	0.77	270000 0	490000 0
63.7650383 90	- 23.119 893670	3.73	-14.78	-8.17	0.35	0.35	0.67	275000 0	490000 0
63.9687663 60	- 22.215 557280	3.39	-15.27	-4.40	0.26	0.26	0.46	280000 0	490000 0
64.1673152 40	- 21.299 325250	4.84	-13.75	-2.97	0.28	0.28	0.47	285000 0	490000 0
64.3605767 40	- 20.371 233890	3.35	-16.11	8.12	0.29	0.29	0.51	290000 0	490000 0
64.5484421 30	- 19.431 339990	4.93	-16.32	16.31	0.24	0.23	0.46	295000 0	490000 0
64.7308024 00	- 18.479 721830	8.07	-16.06	22.76	0.27	0.31	0.50	300000 0	490000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
64.9075485 40	- 17.516 480240	16.69	-21.14	17.16	0.27	0.31	0.50	305000 0	490000 0
65.0785717 50	- 16.541 739530	5.64	-4.95	10.92	0.30	0.32	0.52	310000 0	490000 0
65.2437637 10	- 15.555 648400	2.66	1.20	8.03	0.32	0.33	0.55	315000 0	490000 0
65.4030168 60	- 14.558 380800	1.16	0.11	0.75	0.40	0.40	0.71	320000 0	490000 0
65.5562246 60	- 13.550 136640	1.09	-0.03	-0.34	0.43	0.43	0.80	325000 0	490000 0
67.2158882 30	10.664 698780	0.78	-1.27	-0.26	0.42	0.42	0.77	435000 0	490000 0
67.2078039 30	11.810 353940	0.73	-1.29	0.76	0.39	0.39	0.68	440000 0	490000 0
67.1922417 60	12.954 962720	0.65	-1.27	1.92	0.34	0.35	0.58	445000 0	490000 0
67.1692161 00	14.097 867470	0.49	-1.27	3.22	0.24	0.28	0.43	450000 0	490000 0
67.1387481 50	15.238 417150	0.40	-1.24	4.38	0.27	0.27	0.46	455000 0	490000 0
67.1008658 30	16.375 969810	0.49	-1.14	5.19	0.27	0.26	0.47	460000 0	490000 0
67.0556036 70	17.509 894970	0.71	-0.95	5.61	0.24	0.24	0.40	465000 0	490000 0
67.0030025 70	18.639 575880	0.67	-0.75	6.22	0.31	0.31	0.52	470000 0	490000 0
66.9431097 00	19.764 411710	0.56	-0.56	6.82	0.37	0.37	0.63	475000 0	490000 0
66.8759782 00	20.883 819520	0.44	-0.37	7.29	0.38	0.38	0.65	480000 0	490000 0
66.8016670 00	21.997 236130	0.32	-0.16	7.63	0.37	0.37	0.63	485000 0	490000 0
66.7202405 10	23.104 119770	0.19	0.07	7.87	0.34	0.34	0.57	490000 0	490000 0
66.6317683 30	24.203 951590	0.07	0.30	7.98	0.35	0.34	0.59	495000 0	490000 0
66.5363250 00	25.296 236950	-0.03	0.55	7.98	0.35	0.32	0.59	500000 0	490000 0
66.4339896 30	26.380 506560	-0.11	0.68	7.69	0.37	0.34	0.64	505000 0	490000 0
66.3248456 00	27.456 317350	-0.18	0.74	7.17	0.38	0.37	0.66	510000 0	490000 0
66.2089802 30	28.523 253220	-0.26	0.86	6.54	0.34	0.33	0.57	515000 0	490000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
66.0864844 40	29.580 925560	-0.37	0.95	5.80	0.32	0.31	0.54	520000 0	490000 0
65.9574523 80	30.628 973610	-0.47	0.92	5.02	0.40	0.40	0.71	525000 0	490000 0
65.8219811 40	31.667 064610	-0.56	0.88	4.18	0.43	0.43	0.79	530000 0	490000 0
65.6801703 90	32.694 893810	-0.64	0.83	3.29	0.44	0.44	0.83	535000 0	490000 0
63.3724354 20	- 22.629 977310	3.55	-7.95	-9.17	0.40	0.40	0.72	275000 0	485000 0
63.5730617 30	- 21.734 013580	3.19	-1.71	-3.33	0.36	0.36	0.62	280000 0	485000 0
63.7685425 20	- 20.826 650020	2.42	-2.77	3.38	0.32	0.33	0.53	285000 0	485000 0
63.9587737 50	- 19.907 931920	1.17	-11.21	14.82	0.26	0.26	0.46	290000 0	485000 0
64.1436510 70	- 18.977 924000	2.13	-8.52	17.59	0.30	0.30	0.52	295000 0	485000 0
64.3230699 70	- 18.036 711390	2.33	-12.80	24.23	0.31	0.34	0.54	300000 0	485000 0
64.4969260 60	- 17.084 400460	8.69	-5.27	24.73	0.34	0.35	0.58	305000 0	485000 0
64.6651152 70	- 16.121 119740	0.94	6.17	19.84	0.30	0.32	0.51	310000 0	485000 0
64.8275341 30	- 15.147 020660	2.23	4.30	10.20	0.30	0.32	0.52	315000 0	485000 0
64.9840799 60	- 14.162 278270	1.73	1.85	2.64	0.39	0.40	0.70	320000 0	485000 0
66.7556499 70	11.777 998980	0.71	-1.38	1.37	0.37	0.38	0.64	440000 0	485000 0
66.7403957 80	12.902 199730	0.62	-1.35	2.51	0.28	0.30	0.48	445000 0	485000 0
66.7178250 60	14.024 796620	0.45	-1.31	3.86	0.26	0.29	0.46	450000 0	485000 0
66.6879577 60	15.145 176550	0.39	-1.24	5.07	0.25	0.28	0.47	455000 0	485000 0
66.6508201 10	16.262 734640	0.48	-1.10	5.76	0.31	0.32	0.54	460000 0	485000 0
66.6064445 90	17.376 876380	0.59	-0.94	6.24	0.30	0.30	0.50	465000 0	485000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
66.5548696 80	18.487 019730	0.57	-0.76	6.77	0.29	0.29	0.47	470000 0	485000 0
66.4961397 90	19.592 597070	0.50	-0.60	7.26	0.33	0.33	0.54	475000 0	485000 0
66.4303049 50	20.693 057010	0.41	-0.40	7.62	0.34	0.34	0.56	480000 0	485000 0
66.3574206 80	21.787 866130	0.29	-0.20	7.97	0.33	0.33	0.55	485000 0	485000 0
66.2775477 00	22.876 510460	0.14	0.01	8.28	0.16	0.16	0.26	490000 0	485000 0
66.1907516 70	23.958 496930	-0.01	0.24	8.42	0.25	0.25	0.42	495000 0	485000 0
66.0971029 40	25.033 354540	-0.11	0.46	8.29	0.31	0.30	0.52	500000 0	485000 0
65.9966762 40	26.100 635420	-0.17	0.61	7.88	0.36	0.34	0.62	505000 0	485000 0
65.8895504 10	27.159 915710	-0.25	0.72	7.33	0.36	0.33	0.63	510000 0	485000 0
65.7758080 50	28.210 796240	-0.34	0.89	6.70	0.33	0.32	0.56	515000 0	485000 0
65.6555352 40	29.252 903100	-0.47	0.99	6.00	0.31	0.30	0.52	520000 0	485000 0
65.5288212 50	30.285 887960	-0.56	0.95	5.24	0.39	0.39	0.69	525000 0	485000 0
65.3957581 60	31.309 428310	-0.65	0.90	4.39	0.42	0.42	0.77	530000 0	485000 0
65.2564406 10	32.323 227490	-0.71	0.84	3.49	0.44	0.44	0.82	535000 0	485000 0
65.1109654 60	33.327 014620	-0.77	0.77	2.58	0.44	0.44	0.84	540000 0	485000 0
63.3681816 60	- 20.368 602820	1.06	-1.04	1.65	0.18	0.23	0.33	285000 0	480000 0
63.5554673 60	- 19.459 169940	-0.87	-2.29	7.04	0.33	0.34	0.56	290000 0	480000 0
63.7374420 60	- 18.538 934050	-1.22	-1.25	14.77	0.34	0.35	0.58	295000 0	480000 0
63.9140055 90	- 17.607 985940	-4.52	-1.25	20.39	0.15	0.24	0.34	300000 0	480000 0
64.0850579 60	- 16.666 436510	-1.99	3.88	24.95	0.34	0.35	0.58	305000 0	480000 0
64.2504996 00	- 15.714 417450	-2.06	6.80	15.20	0.28	0.28	0.46	310000 0	480000 0
64.4102316 20	- 14.752	0.30	5.08	7.64	0.29	0.29	0.49	315000	480000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	082000							0	0
64.5641560 10	- 13.779 605520	1.17	2.06	2.62	0.40	0.40	0.71	320000 0	480000 0
66.3114682 30	10.641 392700	0.76	-1.44	0.90	0.40	0.40	0.71	435000 0	480000 0
66.3036978 80	11.746 907720	0.68	-1.46	1.99	0.33	0.33	0.56	440000 0	480000 0
66.2887394 70	12.851 494900	0.55	-1.45	3.16	0.24	0.25	0.40	445000 0	480000 0
66.2666057 20	13.954 570780	0.38	-1.37	4.54	0.23	0.27	0.44	450000 0	480000 0
66.2373153 90	15.055 557320	0.41	-1.24	5.52	0.32	0.34	0.57	455000 0	480000 0
66.2008931 90	16.153 883930	0.47	-1.09	6.20	0.35	0.36	0.61	460000 0	480000 0
66.1573696 80	17.248 989470	0.50	-0.90	6.78	0.33	0.33	0.55	465000 0	480000 0
66.1067811 30	18.340 324070	0.47	-0.72	7.32	0.28	0.28	0.46	470000 0	480000 0
66.0491693 60	19.427 351000	0.45	-0.56	7.72	0.29	0.29	0.47	475000 0	480000 0
65.9845815 50	20.509 548260	0.36	-0.39	7.98	0.27	0.27	0.45	480000 0	480000 0
65.9130700 40	21.586 410210	0.25	-0.20	8.20	0.31	0.31	0.51	485000 0	480000 0
65.8346921 50	22.657 448950	0.15	-0.01	8.55	0.28	0.28	0.51	490000 0	480000 0
65.7495098 60	23.722 195620	0.01	0.21	8.65	0.28	0.28	0.51	495000 0	480000 0
65.6575896 40	24.780 201520	-0.14	0.44	8.42	0.34	0.34	0.57	500000 0	480000 0
65.5590021 40	25.831 039110	-0.24	0.64	7.98	0.34	0.33	0.58	505000 0	480000 0
65.4538219 60	26.874 302840	-0.34	0.76	7.44	0.35	0.34	0.60	510000 0	480000 0
65.3421273 00	27.909 609810	-0.46	0.86	6.85	0.37	0.36	0.64	515000 0	480000 0
65.2239997 50	28.936 600320	-0.60	0.92	6.23	0.36	0.31	0.62	520000 0	480000 0
65.0995239 40	29.954 938230	-0.66	0.93	5.45	0.39	0.37	0.67	525000 0	480000 0
64.9687873 20	30.964 311200	-0.72	0.89	4.57	0.41	0.41	0.73	530000 0	480000 0
64.8318797 90	31.964 430810	-0.76	0.84	3.66	0.43	0.43	0.79	535000 0	480000 0
64.6888934 70	32.955 032480	-0.81	0.78	2.72	0.44	0.44	0.83	540000 0	480000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
63.3298837 70	- 18.113 748220	-2.73	1.34	13.13	0.39	0.40	0.69	295000 0	475000 0
63.5036748 50	- 17.192 917760	-4.65	3.11	19.50	0.37	0.39	0.66	300000 0	475000 0
63.6720066 00	- 16.261 956440	-4.69	5.65	22.26	0.38	0.39	0.67	305000 0	475000 0
63.8347837 50	- 15.320 998280	-3.03	5.14	14.66	0.36	0.36	0.62	310000 0	475000 0
63.9919117 60	- 14.370 197530	-0.70	3.49	7.76	0.37	0.37	0.64	315000 0	475000 0
64.1432970 20	- 13.409 729140	0.40	2.12	3.50	0.41	0.41	0.75	320000 0	475000 0
65.8595629 00	10.630 409880	0.78	-1.47	1.41	0.38	0.38	0.67	435000 0	475000 0
65.8519403 60	11.717 008010	0.74	-1.50	2.58	0.27	0.27	0.44	440000 0	475000 0
65.8372662 20	12.802 730950	0.53	-1.48	3.85	0.27	0.27	0.45	445000 0	475000 0
65.8155524 80	13.887 028210	0.37	-1.39	5.09	0.24	0.25	0.45	450000 0	475000 0
65.7868168 00	14.969 354230	0.45	-1.23	5.83	0.34	0.34	0.58	455000 0	475000 0
65.7510824 70	16.049 170230	0.48	-1.08	6.54	0.32	0.32	0.54	460000 0	475000 0
65.7083782 90	17.125 945980	0.49	-0.87	7.16	0.34	0.34	0.57	465000 0	475000 0
65.6587384 70	18.199 161550	0.47	-0.62	7.73	0.34	0.34	0.57	470000 0	475000 0
65.6022024 40	19.268 308920	0.43	-0.44	8.15	0.33	0.33	0.55	475000 0	475000 0
65.5388147 30	20.332 893520	0.31	-0.33	8.36	0.30	0.30	0.50	480000 0	475000 0
65.4686247 50	21.392 435670	0.14	-0.24	8.51	0.27	0.27	0.45	485000 0	475000 0
65.3916866 30	22.446 471910	0.03	-0.07	8.72	0.33	0.33	0.57	490000 0	475000 0
65.3080589 50	23.494 556130	-0.07	0.16	8.72	0.36	0.36	0.63	495000 0	475000 0
65.2178045 70	24.536 260690	-0.20	0.45	8.46	0.36	0.36	0.62	500000 0	475000 0
65.1209903 40	25.571 177330	-0.33	0.73	8.00	0.24	0.24	0.40	505000 0	475000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
65.0176868 80	26.598 917920	-0.44	0.81	7.45	0.32	0.31	0.53	510000 0	475000 0
64.9079683 10	27.619 115180	-0.56	0.83	6.89	0.38	0.36	0.65	515000 0	475000 0
64.7919120 00	28.631 423140	-0.68	0.87	6.29	0.36	0.32	0.63	520000 0	475000 0
64.6695982 80	29.635 517570	-0.75	0.89	5.55	0.35	0.34	0.60	525000 0	475000 0
64.5411101 90	30.631 096180	-0.79	0.88	4.71	0.36	0.36	0.62	530000 0	475000 0
64.4065332 10	31.617 878810	-0.81	0.83	3.79	0.41	0.41	0.73	535000 0	475000 0
64.2659550 00	32.595 607400	-0.84	0.75	2.84	0.43	0.43	0.80	540000 0	475000 0
64.1194651 10	33.564 045920	-0.87	0.69	1.87	0.44	0.44	0.84	545000 0	475000 0
63.2578301 30	- 15.870 362800	-4.81	5.02	19.40	0.42	0.42	0.76	305000 0	470000 0
63.4180226 70	- 14.940 263360	-3.23	4.11	14.13	0.42	0.42	0.76	310000 0	470000 0
63.5726261 80	- 14.000 768720	-1.27	2.87	8.34	0.42	0.42	0.77	315000 0	470000 0
65.4084046 60	9.5511 44124	0.77	-1.42	0.77	0.41	0.41	0.74	430000 0	470000 0
65.4078504 70	10.619 840490	0.78	-1.44	1.80	0.37	0.37	0.65	435000 0	470000 0
65.4003700 80	11.688 233120	0.73	-1.44	3.01	0.31	0.31	0.52	440000 0	470000 0
65.3859693 60	12.755 799330	0.55	-1.42	4.28	0.30	0.29	0.50	445000 0	470000 0
65.3646596 10	13.822 019210	0.45	-1.32	5.33	0.29	0.28	0.50	450000 0	470000 0
65.3364575 00	14.886 377300	0.55	-1.17	6.05	0.32	0.32	0.53	455000 0	470000 0
65.3013849 90	15.948 364330	0.53	-1.04	6.76	0.25	0.25	0.40	460000 0	470000 0
65.2594692 70	17.007 478830	0.48	-0.83	7.42	0.31	0.31	0.52	465000 0	470000 0
65.2107426 10	18.063 228670	0.49	-0.54	8.09	0.30	0.30	0.50	470000 0	470000 0
65.1552422 40	19.115 132620	0.44	-0.33	8.59	0.25	0.25	0.40	475000 0	470000 0
65.0930102 20	20.162 721690	0.25	-0.31	8.78	0.32	0.32	0.53	480000 0	470000 0
65.0240932 50	21.205 540520	0.01	-0.27	8.87	0.22	0.21	0.35	485000 0	470000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
64.9485424 80	22.243 148530	-0.09	-0.18	8.86	0.33	0.33	0.56	490000 0	470000 0
64.8664133 50	23.275 121050	-0.17	0.11	8.74	0.39	0.39	0.67	495000 0	470000 0
64.7777653 20	24.301 050300	-0.27	0.43	8.43	0.39	0.39	0.68	500000 0	470000 0
64.6826617 30	25.320 546270	-0.37	0.68	7.92	0.36	0.36	0.61	505000 0	470000 0
64.5811694 80	26.333 237480	-0.49	0.79	7.37	0.36	0.35	0.62	510000 0	470000 0
64.4733588 60	27.338 771580	-0.63	0.80	6.77	0.37	0.33	0.64	515000 0	470000 0
64.3593032 90	28.336 815840	-0.73	0.82	6.18	0.36	0.34	0.63	520000 0	470000 0
64.2390790 70	29.327 057610	-0.81	0.86	5.53	0.30	0.29	0.50	525000 0	470000 0
64.1127651 20	30.309 204510	-0.82	0.85	4.78	0.27	0.27	0.46	530000 0	470000 0
63.9804427 60	31.282 984620	-0.81	0.79	3.90	0.39	0.39	0.69	535000 0	470000 0
63.8421954 30	32.248 146540	-0.82	0.72	2.94	0.42	0.42	0.78	540000 0	470000 0
63.6981084 80	33.204 459310	-0.87	0.65	1.93	0.44	0.43	0.83	545000 0	470000 0
63.5482689 00	34.151 712290	-0.91	0.58	0.95	0.44	0.44	0.85	550000 0	470000 0
64.9568673 70	9.5585 15245	0.72	-1.39	1.11	0.39	0.39	0.69	430000 0	465000 0
64.9563233 20	10.609 661770	0.74	-1.38	2.07	0.32	0.32	0.57	435000 0	465000 0
64.9489797 40	11.660 521200	0.71	-1.35	3.27	0.29	0.29	0.52	440000 0	465000 0
64.9348421 70	12.710 599460	0.56	-1.37	4.55	0.31	0.31	0.53	445000 0	465000 0
64.9139212 90	13.759 405010	0.54	-1.30	5.49	0.22	0.21	0.36	450000 0	465000 0
64.8862328 20	14.806 450360	0.61	-1.11	6.23	0.29	0.29	0.48	455000 0	465000 0
64.8517975 10	15.851 253660	0.56	-0.97	6.84	0.26	0.26	0.43	460000 0	465000 0
64.8106410 30	16.893 340160	0.40	-0.83	7.49	0.26	0.26	0.42	465000 0	465000 0
64.7627938 60	17.932 243670	0.45	-0.61	8.31	0.31	0.31	0.51	470000 0	465000 0
64.7082912 10	18.967 507920	0.43	-0.47	8.87	0.25	0.25	0.42	475000 0	465000 0
64.6471728 20	19.998 687850	0.20	-0.36	9.09	0.33	0.33	0.55	480000 0	465000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
64.5794828 70	21.025 350840	-0.04	-0.41	9.13	0.27	0.27	0.44	485000 0	465000 0
64.5052697 50	22.047 077790	-0.19	-0.34	8.94	0.30	0.30	0.51	490000 0	465000 0
64.4245859 40	23.063 464210	-0.26	0.08	8.69	0.39	0.38	0.67	495000 0	465000 0
64.3374877 90	24.074 121090	-0.34	0.42	8.29	0.40	0.40	0.70	500000 0	465000 0
64.2440352 90	25.078 675730	-0.40	0.69	7.75	0.38	0.37	0.67	505000 0	465000 0
64.1442919 20	26.076 772450	-0.50	0.83	7.13	0.37	0.35	0.66	510000 0	465000 0
64.0383243 70	27.068 073210	-0.67	0.81	6.54	0.37	0.34	0.66	515000 0	465000 0
63.9262023 60	28.052 258060	-0.76	0.80	5.97	0.37	0.35	0.66	520000 0	465000 0
63.8079983 90	29.029 025550	-0.79	0.82	5.37	0.35	0.32	0.61	525000 0	465000 0
63.6837875 40	29.998 093030	-0.79	0.79	4.72	0.36	0.34	0.61	530000 0	465000 0
63.5536471 80	30.959 196780	-0.76	0.72	3.98	0.38	0.36	0.68	535000 0	465000 0
63.4176568 20	31.912 092100	-0.78	0.66	3.01	0.41	0.39	0.74	540000 0	465000 0
63.2758978 10	32.856 553340	-0.85	0.61	1.93	0.43	0.42	0.81	545000 0	465000 0
63.1284531 60	33.792 373720	-0.90	0.55	0.92	0.44	0.44	0.84	550000 0	465000 0
64.4993645 10	8.5315 81552	0.66	-1.29	0.61	0.39	0.39	0.69	425000 0	460000 0
64.5055081 50	9.5656 18725	0.61	-1.36	1.47	0.35	0.35	0.60	430000 0	460000 0
64.5049738 70	10.599 852610	0.55	-1.41	2.45	0.25	0.25	0.43	435000 0	460000 0
64.4977620 50	11.633 814870	0.49	-1.35	3.81	0.30	0.30	0.50	440000 0	460000 0
64.4838779 30	12.667 038010	0.44	-1.29	5.01	0.35	0.35	0.58	445000 0	460000 0
64.4633315 90	13.699 056830	0.44	-1.21	5.89	0.35	0.35	0.59	450000 0	460000 0
64.4361379 10	14.729 409860	0.47	-1.08	6.64	0.36	0.36	0.61	455000 0	460000 0
64.4023164 80	15.757 640760	0.41	-0.93	7.26	0.34	0.34	0.57	460000 0	460000 0
64.3618915 80	16.783 299690	0.32	-0.78	7.86	0.33	0.33	0.55	465000 0	460000 0
64.3148920 40	17.805 944630	0.32	-0.60	8.53	0.35	0.35	0.58	470000 0	460000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
64.2613511 40	18.825 142620	0.23	-0.44	9.02	0.33	0.33	0.55	475000 0	460000 0
64.2013065 00	19.840 470970	0.06	-0.32	9.24	0.33	0.33	0.55	480000 0	460000 0
64.1347999 30	20.851 518370	-0.10	-0.26	9.22	0.26	0.26	0.43	485000 0	460000 0
64.0618772 80	21.857 885930	-0.26	-0.15	8.94	0.33	0.33	0.56	490000 0	460000 0
63.9825882 60	22.859 188130	-0.37	0.15	8.56	0.38	0.37	0.66	495000 0	460000 0
63.8969862 80	23.855 053700	-0.43	0.44	8.08	0.39	0.38	0.69	500000 0	460000 0
63.8051282 50	24.845 126330	-0.46	0.71	7.45	0.36	0.34	0.65	505000 0	460000 0
63.7070744 10	25.829 065410	-0.54	0.87	6.73	0.34	0.30	0.61	510000 0	460000 0
63.6028881 00	26.806 546570	-0.71	0.81	6.10	0.38	0.35	0.66	515000 0	460000 0
63.4926355 70	27.777 262140	-0.80	0.80	5.62	0.38	0.36	0.67	520000 0	460000 0
63.3763857 70	28.740 921550	-0.80	0.80	5.07	0.37	0.32	0.65	525000 0	460000 0
63.2542101 20	29.697 251620	-0.78	0.75	4.48	0.37	0.34	0.65	530000 0	460000 0
63.1261823 40	30.645 996740	-0.72	0.66	3.86	0.36	0.31	0.64	535000 0	460000 0
62.9923781 70	31.586 918960	-0.75	0.61	2.93	0.38	0.34	0.69	540000 0	460000 0
62.8528752 20	32.519 798040	-0.84	0.58	1.82	0.42	0.41	0.78	545000 0	460000 0
62.7077527 40	33.444 431350	-0.89	0.52	0.82	0.44	0.44	0.83	550000 0	460000 0
64.0356923 90	7.5376 21325	0.60	-1.20	0.37	0.36	0.36	0.65	420000 0	455000 0
64.0482839 70	8.5547 30408	0.66	-1.17	0.96	0.28	0.29	0.53	425000 0	455000 0
64.0543194 30	9.5724 68764	0.47	-1.33	2.01	0.28	0.28	0.49	430000 0	455000 0
64.0537945 60	10.590 393420	0.37	-1.40	3.19	0.27	0.27	0.45	435000 0	455000 0
64.0467097 10	11.608 060820	0.26	-1.30	4.59	0.27	0.28	0.46	440000 0	455000 0
64.0330698 50	12.625 028220	0.26	-1.18	5.56	0.36	0.36	0.60	445000 0	455000 0
64.0128845 10	13.640 854940	0.29	-1.13	6.39	0.38	0.38	0.64	450000 0	455000 0
63.9861677 50	14.655 103730	0.32	-1.05	7.16	0.36	0.36	0.62	455000 0	455000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
63.9529381 20	15.667 342010	0.30	-0.90	7.77	0.37	0.37	0.63	460000 0	455000 0
63.9132185 90	16.677 143170	0.23	-0.71	8.28	0.39	0.38	0.66	465000 0	455000 0
63.8670364 40	17.684 087740	0.15	-0.50	8.74	0.38	0.38	0.65	470000 0	455000 0
63.8144231 80	18.687 764560	0.00	-0.31	9.10	0.34	0.34	0.57	475000 0	455000 0
63.7554144 50	19.687 771890	-0.19	-0.20	9.23	0.25	0.25	0.42	480000 0	455000 0
63.6900498 50	20.683 718410	-0.28	-0.07	9.10	0.24	0.24	0.40	485000 0	455000 0
63.6183728 40	21.675 224210	-0.39	0.07	8.78	0.33	0.33	0.57	490000 0	455000 0
63.5404305 60	22.661 921660	-0.49	0.25	8.33	0.35	0.33	0.61	495000 0	455000 0
63.4562736 80	23.643 456230	-0.53	0.47	7.77	0.36	0.35	0.64	500000 0	455000 0
63.3659562 20	24.619 487170	-0.62	0.63	7.00	0.35	0.34	0.62	505000 0	455000 0
63.2695353 80	25.589 688190	-0.77	0.70	6.11	0.34	0.33	0.58	510000 0	455000 0
63.1670713 70	26.553 747990	-0.86	0.73	5.62	0.35	0.33	0.61	515000 0	455000 0
63.0586271 80	27.511 370700	-0.88	0.77	5.24	0.37	0.34	0.66	520000 0	455000 0
62.9442684 10	28.462 276280	-0.86	0.77	4.68	0.39	0.37	0.68	525000 0	455000 0
62.8240630 70	29.406 200780	-0.83	0.74	4.02	0.36	0.35	0.62	530000 0	455000 0
62.6980814 10	30.342 896560	-0.81	0.68	3.29	0.32	0.31	0.54	535000 0	455000 0
62.5663956 40	31.272 132420	-0.82	0.62	2.49	0.38	0.36	0.66	540000 0	455000 0
62.4290798 40	32.193 693590	-0.86	0.57	1.56	0.42	0.41	0.77	545000 0	455000 0
62.2862096 80	33.107 381780	-0.89	0.50	0.64	0.44	0.44	0.83	550000 0	455000 0
62.5300652 20	- 8.0429 30322	0.01	-0.01	-0.76	0.45	0.45	0.88	340000 0	450000 0
62.6416641 70	- 7.1033 94650	0.01	-0.01	-0.74	0.45	0.45	0.88	345000 0	450000 0
62.7474191 30	- 6.1575 02502	0.01	-0.01	-0.72	0.45	0.45	0.88	350000 0	450000 0
63.5661797 00	6.5752 54007	0.46	-1.19	0.27	0.37	0.37	0.67	415000 0	450000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
63.5849884 20	7.5756 53542	0.38	-1.24	1.04	0.26	0.27	0.51	420000 0	450000 0
63.5973625 20	8.5770 67797	0.44	-1.22	1.73	0.26	0.27	0.48	425000 0	450000 0
63.6032936 70	9.5790 78573	0.37	-1.35	2.79	0.26	0.27	0.47	430000 0	450000 0
63.6027778 70	10.581 265940	0.32	-1.37	3.97	0.28	0.28	0.48	435000 0	450000 0
63.5958154 70	11.583 209460	0.17	-1.10	5.07	0.31	0.31	0.51	440000 0	450000 0
63.5824111 60	12.584 489400	0.08	-0.96	5.97	0.33	0.33	0.54	445000 0	450000 0
63.5625739 60	13.584 687950	0.13	-1.04	6.75	0.35	0.35	0.58	450000 0	450000 0
63.5363171 90	14.583 390420	0.21	-1.04	7.58	0.25	0.25	0.40	455000 0	450000 0
63.5036584 10	15.580 186420	0.20	-0.88	8.11	0.33	0.33	0.55	460000 0	450000 0
63.4646193 80	16.574 671000	0.13	-0.66	8.49	0.38	0.38	0.65	465000 0	450000 0
63.4192259 30	17.566 445790	0.05	-0.38	8.82	0.36	0.36	0.62	470000 0	450000 0
63.3675079 40	18.555 120020	-0.09	-0.09	9.08	0.27	0.26	0.49	475000 0	450000 0
63.3094991 70	19.540 311560	-0.31	-0.03	9.09	0.29	0.28	0.49	480000 0	450000 0
63.2452371 90	20.521 647880	-0.43	0.05	8.86	0.33	0.33	0.55	485000 0	450000 0
63.1747632 00	21.498 766900	-0.52	0.21	8.48	0.29	0.29	0.47	490000 0	450000 0
63.0981219 50	22.471 317870	-0.60	0.37	8.07	0.32	0.32	0.54	495000 0	450000 0
63.0153615 50	23.438 962070	-0.65	0.53	7.49	0.35	0.33	0.61	500000 0	450000 0
62.9265333 00	24.401 373530	-0.75	0.62	6.69	0.33	0.32	0.58	505000 0	450000 0
62.8316915 90	25.358 239560	-0.97	0.59	5.73	0.25	0.25	0.41	510000 0	450000 0
62.7308936 40	26.309 261360	-0.99	0.66	5.23	0.31	0.30	0.52	515000 0	450000 0
62.6241994 10	27.254 154380	-0.94	0.74	4.87	0.37	0.35	0.64	520000 0	450000 0
62.5116713 50	28.192 648740	-0.91	0.75	4.30	0.37	0.35	0.65	525000 0	450000 0
62.3933742 60	29.124 489480	-0.89	0.70	3.60	0.35	0.34	0.59	530000 0	450000 0
62.2693751 00	30.049 436790	-0.89	0.67	2.80	0.23	0.23	0.37	535000 0	450000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
62.1397427 80	30.967 266130	-0.88	0.61	2.10	0.37	0.37	0.64	540000 0	450000 0
62.0045480 20	31.877 768290	-0.87	0.55	1.27	0.42	0.42	0.76	545000 0	450000 0
61.8638631 10	32.780 749420	-0.89	0.48	0.43	0.44	0.44	0.82	550000 0	450000 0
61.9811811 00	- 8.7049 18319	0.01	-0.01	-0.77	0.45	0.45	0.88	335000 0	445000 0
62.0967226 60	- 7.7838 18110	0.01	-0.01	-0.75	0.45	0.45	0.88	340000 0	445000 0
62.2065609 80	- 6.8564 10874	0.01	-0.01	-0.73	0.45	0.45	0.88	345000 0	445000 0
62.3106346 40	- 5.9229 45078	0.01	-0.01	-0.71	0.45	0.45	0.88	350000 0	445000 0
63.0911344 80	5.6431 40223	0.50	-1.09	0.04	0.38	0.38	0.68	410000 0	445000 0
63.1159384 90	6.6270 79644	0.35	-1.18	0.77	0.31	0.31	0.57	415000 0	445000 0
63.1344286 00	7.6123 76043	0.20	-1.25	1.54	0.27	0.27	0.50	420000 0	445000 0
63.1465928 60	8.5986 35263	0.21	-1.26	2.43	0.25	0.26	0.48	425000 0	445000 0
63.1524233 50	9.5854 60457	0.31	-1.33	3.40	0.29	0.29	0.51	430000 0	445000 0
63.1519163 10	10.572 453200	0.30	-1.31	4.38	0.28	0.27	0.46	435000 0	445000 0
63.1450720 50	11.559 214580	0.11	-0.98	5.33	0.29	0.28	0.47	440000 0	445000 0
63.1318950 20	12.545 346360	-0.02	-0.86	6.14	0.29	0.29	0.49	445000 0	445000 0
63.1123937 70	13.530 452050	-0.03	-1.04	6.84	0.28	0.28	0.46	450000 0	445000 0
63.0865809 20	14.514 138010	0.01	-1.03	7.58	0.28	0.28	0.46	455000 0	445000 0
63.0544731 20	15.496 014570	0.05	-0.86	8.15	0.35	0.35	0.59	460000 0	445000 0
63.0160909 70	16.475 697050	0.02	-0.63	8.51	0.38	0.38	0.64	465000 0	445000 0
62.9714589 90	17.452 806790	-0.02	-0.35	8.67	0.30	0.30	0.50	470000 0	445000 0
62.9206055 00	18.426 972120	-0.14	-0.10	8.79	0.28	0.27	0.47	475000 0	445000 0
62.8635625 30	19.397 829330	-0.34	0.02	8.80	0.36	0.36	0.62	480000 0	445000 0
62.8003657	20.365	-0.50	0.12	8.53	0.37	0.37	0.63	485000	445000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
30	023510							0	0
62.7310542 20	21.328 209390	-0.61	0.26	8.13	0.31	0.31	0.52	490000 0	445000 0
62.6556704 90	22.287 052120	-0.70	0.45	7.70	0.33	0.33	0.56	495000 0	445000 0
62.5742602 40	23.241 227960	-0.76	0.63	7.16	0.35	0.34	0.61	500000 0	445000 0
62.4868722 70	24.190 424890	-0.84	0.74	6.49	0.34	0.33	0.60	505000 0	445000 0
62.3935582 60	25.134 343240	-0.92	0.70	5.80	0.33	0.32	0.57	510000 0	445000 0
62.2943727 00	26.072 696090	-0.95	0.71	5.19	0.34	0.33	0.59	515000 0	445000 0
62.1893726 60	27.005 209790	-0.92	0.74	4.61	0.36	0.34	0.61	520000 0	445000 0
62.0786176 40	27.931 624240	-0.91	0.73	4.02	0.35	0.33	0.61	525000 0	445000 0
61.9621694 10	28.851 693200	-0.90	0.65	3.35	0.33	0.28	0.59	530000 0	445000 0
61.8400918 30	29.765 184510	-0.92	0.61	2.59	0.36	0.35	0.62	535000 0	445000 0
61.7124506 90	30.671 880240	-0.90	0.58	1.80	0.40	0.39	0.70	540000 0	445000 0
61.5793135 40	31.571 576730	-0.89	0.52	1.01	0.42	0.42	0.77	545000 0	445000 0
61.5491923 70	- 8.4424 52411	0.02	-0.01	-0.76	0.45	0.45	0.88	335000 0	440000 0
61.6629536 00	- 7.5328 68594	0.02	-0.01	-0.75	0.45	0.45	0.88	340000 0	440000 0
61.7710861 80	- 6.6172 66632	0.02	-0.01	-0.73	0.45	0.45	0.88	345000 0	440000 0
61.8735315 40	- 5.6958 86383	0.02	-0.01	-0.71	0.45	0.45	0.88	350000 0	440000 0
62.6108452 50	4.7399 84393	0.43	-0.99	-0.17	0.38	0.38	0.68	405000 0	440000 0
62.6414315 40	5.7077 38382	0.49	-1.04	0.50	0.31	0.31	0.54	410000 0	440000 0
62.6658235 30	6.6771 52126	0.42	-1.10	1.19	0.27	0.27	0.47	415000 0	440000 0
62.6840060 20	7.6478 54660	0.23	-1.16	1.81	0.24	0.25	0.46	420000 0	440000 0
62.6959676 70	8.6194 71549	0.24	-1.20	2.60	0.29	0.29	0.51	425000 0	440000 0
62.7017010 00	9.5916 25893	0.28	-1.24	3.57	0.34	0.35	0.58	430000 0	440000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
62.7012024 10	10.563 939330	0.21	-1.21	4.54	0.35	0.36	0.60	435000 0	440000 0
62.6944722 00	11.536 033090	0.13	-1.08	5.38	0.35	0.35	0.59	440000 0	440000 0
62.6815146 10	12.507 528950	0.07	-1.02	6.11	0.34	0.34	0.56	445000 0	440000 0
62.6623377 40	13.478 050360	0.03	-1.04	6.79	0.28	0.28	0.46	450000 0	440000 0
62.6369535 50	14.447 223370	-0.02	-0.98	7.48	0.32	0.32	0.53	455000 0	440000 0
62.6053778 30	15.414 677660	-0.06	-0.82	8.02	0.37	0.37	0.62	460000 0	440000 0
62.5676301 30	16.380 047500	-0.09	-0.63	8.42	0.37	0.37	0.63	465000 0	440000 0
62.5237337 20	17.342 972700	-0.15	-0.44	8.64	0.30	0.30	0.50	470000 0	440000 0
62.4737154 70	18.303 099520	-0.26	-0.22	8.67	0.31	0.31	0.52	475000 0	440000 0
62.4176058 00	19.260 081500	-0.42	-0.03	8.50	0.38	0.38	0.66	480000 0	440000 0
62.3554385 60	20.213 580330	-0.57	0.13	8.15	0.39	0.38	0.67	485000 0	440000 0
62.2872509 10	21.163 266560	-0.71	0.25	7.64	0.32	0.30	0.58	490000 0	440000 0
62.2130832 40	22.108 820350	-0.77	0.46	7.20	0.35	0.34	0.61	495000 0	440000 0
62.1329790 00	23.049 932120	-0.82	0.68	6.71	0.35	0.34	0.62	500000 0	440000 0
62.0469846 10	23.986 303120	-0.88	0.79	6.24	0.32	0.31	0.56	505000 0	440000 0
61.9551492 50	24.917 646010	-0.90	0.75	5.67	0.33	0.32	0.58	510000 0	440000 0
61.8575248 10	25.843 685260	-0.89	0.74	5.01	0.35	0.34	0.60	515000 0	440000 0
61.7541656 50	26.764 157630	-0.85	0.76	4.41	0.29	0.29	0.49	520000 0	440000 0
61.6451285 00	27.678 812470	-0.87	0.70	3.79	0.30	0.30	0.51	525000 0	440000 0
61.5304722 60	28.587 412000	-0.93	0.59	3.10	0.34	0.31	0.60	530000 0	440000 0
61.4102578 90	29.489 731520	-0.94	0.54	2.35	0.36	0.34	0.64	535000 0	440000 0
61.2845482 20	30.385 559590	-0.92	0.55	1.53	0.39	0.39	0.69	540000 0	440000 0
61.1534077 90	31.274 698090	-0.88	0.51	0.78	0.42	0.42	0.75	545000 0	440000 0
61.2287771 80	- 7.2897 15813	0.03	-0.02	-0.75	0.45	0.45	0.88	340000 0	435000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
61.3352565 50	- 6.3856 06820	0.04	-0.02	-0.73	0.45	0.45	0.87	345000 0	435000 0
61.4361242 70	- 5.4759 83422	0.04	-0.02	-0.70	0.45	0.45	0.87	350000 0	435000 0
62.1255821 32	3.8645 36481	0.35	-0.91	-0.35	0.40	0.40	0.72	400000 0	435000 0
62.1617464 30	4.8164 00009	0.24	-0.98	0.30	0.31	0.31	0.57	405000 0	435000 0
62.1918345 30	5.7701 90069	0.36	-1.03	1.02	0.26	0.26	0.46	410000 0	435000 0
62.2158284 50	6.7255 57954	0.54	-1.09	1.88	0.24	0.24	0.39	415000 0	435000 0
62.2337137 60	7.6821 50872	0.38	-1.08	2.13	0.26	0.26	0.44	420000 0	435000 0
62.2454797 00	8.6396 12837	0.38	-1.09	2.64	0.24	0.24	0.40	425000 0	435000 0
62.2511191 60	9.5975 85597	0.31	-1.17	3.69	0.30	0.31	0.51	430000 0	435000 0
62.2506287 30	10.555 709560	0.14	-1.21	4.79	0.30	0.31	0.51	435000 0	435000 0
62.2440087 10	11.513 624730	0.11	-1.14	5.48	0.33	0.33	0.55	440000 0	435000 0
62.2312630 90	12.470 971680	0.14	-1.07	6.06	0.27	0.27	0.45	445000 0	435000 0
62.2123995 90	13.427 392440	0.11	-1.02	6.73	0.27	0.28	0.46	450000 0	435000 0
62.1874295 40	14.382 531480	-0.04	-0.92	7.43	0.27	0.27	0.44	455000 0	435000 0
62.1563679 40	15.336 036610	-0.13	-0.77	7.93	0.32	0.32	0.54	460000 0	435000 0
62.1192333 60	16.287 559860	-0.19	-0.62	8.26	0.37	0.37	0.63	465000 0	435000 0
62.0760478 80	17.236 758340	-0.28	-0.48	8.51	0.30	0.30	0.50	470000 0	435000 0
62.0268370 40	18.183 295120	-0.38	-0.27	8.46	0.33	0.33	0.55	475000 0	435000 0
61.8433575 20	21.003 671260	-0.74	0.30	7.26	0.37	0.36	0.64	490000 0	435000 0
61.7703663 90	21.936 337490	-0.81	0.47	6.78	0.36	0.36	0.62	495000 0	435000 0
61.6915260 50	22.864 772700	-0.86	0.63	6.29	0.36	0.36	0.62	500000 0	435000 0
61.6068806 70	23.788 690740	-0.91	0.72	5.87	0.29	0.28	0.50	505000 0	435000 0
61.5164771 10	24.707 816000	-0.91	0.70	5.26	0.30	0.30	0.53	510000 0	435000 0
61.4203647	25.621	-0.88	0.65	4.53	0.35	0.34	0.60	515000	435000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
80	883840							0	0
61.3185955 20	26.530 640990	-0.86	0.69	3.97	0.33	0.32	0.55	520000 0	435000 0
61.2112234 30	27.433 845880	-0.90	0.67	3.41	0.32	0.32	0.54	525000 0	435000 0
61.0983047 30	28.331 268910	-0.96	0.57	2.78	0.33	0.31	0.58	530000 0	435000 0
60.9798976 20	29.222 692670	-0.95	0.52	2.02	0.33	0.31	0.57	535000 0	435000 0
60.8560621 30	30.107 912090	-0.89	0.54	1.23	0.34	0.33	0.57	540000 0	435000 0
61.6771444 77	3.9518 77000	0.23	-0.90	0.06	0.38	0.38	0.69	400000 0	430000 0
61.7127312 20	4.8903 21547	0.08	-0.91	0.80	0.24	0.24	0.49	405000 0	430000 0
61.7423377 10	5.8305 99220	0.16	-0.99	1.46	0.30	0.30	0.53	410000 0	430000 0
61.7659468 30	6.7723 78014	0.35	-1.05	2.18	0.30	0.30	0.51	415000 0	430000 0
61.7835448 90	7.7153 22160	0.31	-1.05	2.56	0.34	0.34	0.57	420000 0	430000 0
61.7951216 60	8.6590 92951	0.27	-1.06	3.07	0.31	0.31	0.52	425000 0	430000 0
61.8006704 00	9.6033 49587	0.17	-1.10	3.98	0.28	0.27	0.47	430000 0	430000 0
61.8001878 60	10.547 750040	0.01	-1.17	4.94	0.29	0.29	0.49	435000 0	430000 0
61.7936743 30	11.491 951900	0.06	-1.16	5.58	0.31	0.30	0.50	440000 0	430000 0
61.7811336 00	12.435 613280	0.17	-1.10	6.06	0.28	0.28	0.46	445000 0	430000 0
61.7625729 90	13.378 393670	0.09	-1.01	6.68	0.33	0.33	0.54	450000 0	430000 0
61.7380032 90	14.319 954760	-0.06	-0.87	7.29	0.30	0.30	0.50	455000 0	430000 0
61.7074387 30	15.259 961330	-0.18	-0.71	7.71	0.34	0.34	0.57	460000 0	430000 0
61.6708969 50	16.198 082070	-0.26	-0.56	7.97	0.38	0.38	0.65	465000 0	430000 0
61.6283989 40	17.133 990330	-0.36	-0.41	8.09	0.38	0.38	0.65	470000 0	430000 0
61.5799689 80	18.067 364970	-0.46	-0.22	8.01	0.39	0.39	0.67	475000 0	430000 0
61.3993776 10	20.849 172900	-0.78	0.33	6.79	0.33	0.33	0.56	490000 0	430000 0
61.3275253 00	21.769 335980	-0.85	0.47	6.22	0.26	0.25	0.42	495000 0	430000 0
61.2499086	22.685	-0.88	0.59	5.75	0.35	0.35	0.60	500000	430000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
50	466230							0	0
61.1665697 20	23.597 289440	-0.91	0.64	5.20	0.34	0.33	0.58	505000 0	430000 0
61.0775531 60	24.504 541170	-0.91	0.61	4.61	0.34	0.33	0.59	510000 0	430000 0
60.9829061 00	25.406 967160	-0.89	0.50	3.89	0.28	0.25	0.54	515000 0	430000 0
60.8826779 60	26.304 323710	-0.94	0.60	3.41	0.34	0.33	0.59	520000 0	430000 0
60.7769203 70	27.196 377990	-0.96	0.65	2.96	0.30	0.30	0.51	525000 0	430000 0
60.6656870 10	28.082 908310	-0.95	0.60	2.39	0.30	0.30	0.50	530000 0	430000 0
60.5490335 00	28.963 704320	-0.89	0.55	1.69	0.33	0.32	0.54	535000 0	430000 0
60.4270172 10	29.838 567220	-0.84	0.55	0.99	0.21	0.21	0.35	540000 0	430000 0
60.8207424 20	- 2.3673 46620	0.13	-0.02	-0.55	0.42	0.42	0.77	365000 0	425000 0
60.8962673 10	- 1.4625 31529	0.13	-0.01	-0.51	0.41	0.41	0.75	370000 0	425000 0
60.9661041 40	- 0.5539 12798	0.10	-0.01	-0.46	0.42	0.42	0.77	375000 0	425000 0
61.2287665 50	4.0364 17437	0.17	-0.90	0.38	0.38	0.38	0.68	400000 0	425000 0
61.2637946 10	4.9618 67512	0.03	-0.92	1.08	0.31	0.30	0.55	405000 0	425000 0
61.2929352 50	5.8890 63151	-0.01	-0.95	1.74	0.27	0.23	0.48	410000 0	425000 0
61.3161722 10	6.8176 88024	0.07	-0.97	2.25	0.35	0.34	0.59	415000 0	425000 0
61.3334924 80	7.7474 22328	0.08	-1.00	2.78	0.36	0.36	0.62	420000 0	425000 0
61.3448863 20	8.6779 43548	0.00	-1.04	3.39	0.32	0.31	0.55	425000 0	425000 0
61.3503473 30	9.6089 27238	-0.08	-1.06	4.19	0.28	0.27	0.49	430000 0	425000 0
61.3498724 20	10.540 047820	-0.12	-1.10	4.97	0.29	0.27	0.49	435000 0	425000 0
61.3434618 70	11.470 979370	-0.03	-1.11	5.55	0.28	0.28	0.47	440000 0	425000 0
61.3311192 80	12.401 396450	0.15	-1.12	6.00	0.23	0.24	0.40	445000 0	425000 0
61.3128516 00	13.330 974860	0.03	-0.97	6.57	0.30	0.30	0.50	450000 0	425000 0
61.2886690	14.259	-0.07	-0.81	7.08	0.23	0.24	0.39	455000	425000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
90	392460							0	0
61.258585280	15.186329970	-0.21	-0.65	7.40	0.35	0.35	0.58	460000	425000
61.222616960	16.111471670	-0.33	-0.49	7.57	0.38	0.38	0.64	465000	425000
61.180784080	17.034506200	-0.42	-0.33	7.61	0.37	0.37	0.63	470000	425000
61.133109720	17.955127240	-0.52	-0.18	7.48	0.37	0.38	0.65	475000	425000
61.020344140	19.787932960	-0.73	0.18	6.90	0.39	0.39	0.67	485000	425000
60.955314050	20.699536250	-0.82	0.35	6.38	0.35	0.35	0.58	490000	425000
60.884564560	21.607564520	-0.88	0.48	5.80	0.31	0.31	0.51	495000	425000
60.808133200	22.511746270	-0.89	0.57	5.25	0.32	0.32	0.54	500000	425000
60.726060040	23.411818650	-0.90	0.59	4.61	0.30	0.28	0.53	505000	425000
60.638387680	24.307527830	-0.94	0.58	4.06	0.32	0.31	0.56	510000	425000
60.545161040	25.198629460	-0.97	0.55	3.50	0.32	0.31	0.57	515000	425000
60.446427310	26.084889010	-1.01	0.59	3.00	0.31	0.29	0.57	520000	425000
60.342235780	26.966082040	-0.95	0.59	2.56	0.31	0.30	0.53	525000	425000
60.232637740	27.841994510	-0.89	0.55	2.05	0.32	0.32	0.53	530000	425000
60.117686340	28.712422940	-0.81	0.48	1.48	0.35	0.35	0.59	535000	425000
59.997436450	29.577174630	-0.75	0.46	1.08	0.33	0.33	0.54	540000	425000
60.298666640	-3.090103745	0.18	-0.06	-0.57	0.42	0.42	0.77	360000	420000
60.378625430	-2.200807344	0.20	-0.04	-0.51	0.39	0.39	0.68	365000	420000
60.453014440	-1.307627421	0.21	-0.02	-0.47	0.33	0.33	0.56	370000	420000
60.521795830	-0.410817382	0.15	-0.01	-0.43	0.38	0.38	0.68	375000	420000
60.780444070	4.118288326	0.15	-0.93	0.58	0.38	0.38	0.67	400000	420000
60.814931420	5.031149002	0.00	-0.95	1.14	0.27	0.25	0.47	405000	420000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
60.843621260	5.945673077	-0.04	-0.94	1.77	0.31	0.29	0.53	4100000	4200000
60.866498110	6.861558946	-0.04	-0.90	2.31	0.34	0.33	0.57	4150000	4200000
60.883549590	7.778501789	-0.09	-0.97	2.84	0.33	0.32	0.56	4200000	4200000
60.894766450	8.696194286	-0.17	-1.08	3.45	0.24	0.21	0.42	4250000	4200000
60.900142570	9.614327335	-0.17	-1.08	4.14	0.31	0.30	0.53	4300000	4200000
60.899675050	10.532590780	-0.14	-1.05	4.83	0.26	0.25	0.48	4350000	4200000
60.893364130	11.450674170	-0.18	-1.00	5.43	0.28	0.28	0.49	4400000	4200000
60.881213240	12.368267450	-0.26	-0.93	5.97	0.31	0.31	0.52	4450000	4200000
60.863228990	13.285061780	-0.28	-0.82	6.47	0.33	0.33	0.56	4500000	4200000
60.839421150	14.200750170	-0.27	-0.70	6.84	0.30	0.30	0.49	4550000	4200000
60.809802590	15.115028270	-0.31	-0.57	7.06	0.24	0.24	0.40	4600000	4200000
60.774389270	16.027595070	-0.41	-0.42	7.06	0.35	0.35	0.59	4650000	4200000
60.733200200	16.938153530	-0.49	-0.27	6.96	0.24	0.24	0.43	4700000	4200000
60.686257340	17.846411310	-0.56	-0.18	6.90	0.27	0.27	0.51	4750000	4200000
60.633585590	18.752081360	-0.66	-0.01	6.73	0.35	0.36	0.63	4800000	4200000
60.575212690	19.654882560	-0.76	0.18	6.47	0.34	0.34	0.58	4850000	4200000
60.511169130	20.554540250	-0.84	0.35	6.00	0.33	0.33	0.55	4900000	4200000
60.441488080	21.450786830	-0.89	0.47	5.42	0.33	0.33	0.57	4950000	4200000
60.366205290	22.343362210	-0.89	0.58	4.84	0.21	0.20	0.37	5000000	4200000
60.285359020	23.232014280	-0.87	0.59	4.08	0.30	0.30	0.52	5050000	4200000
60.198989860	24.116499360	-0.92	0.57	3.50	0.25	0.25	0.45	5100000	4200000
60.107140730	24.996582550	-0.98	0.53	3.07	0.24	0.24	0.47	5150000	4200000
60.009856670	25.872038080	-0.87	0.52	2.72	0.32	0.32	0.57	5200000	4200000
59.907184770	26.742649600	-0.80	0.50	2.28	0.33	0.33	0.56	5250000	4200000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
59.7991740 50	27.608 210420	-0.76	0.43	1.74	0.32	0.32	0.53	530000 0	420000 0
59.6858753 50	28.468 523750	-0.75	0.34	1.21	0.31	0.31	0.53	535000 0	420000 0
59.5673411 60	29.323 402820	-0.70	0.33	0.85	0.35	0.35	0.59	540000 0	420000 0
59.4883282 30	- 6.3884 60991	0.22	-0.12	-0.87	0.43	0.43	0.80	340000 0	415000 0
59.5886770 10	- 5.5274 05493	0.22	-0.13	-0.79	0.43	0.43	0.80	345000 0	415000 0
59.7733493 00	- 3.7917 01237	0.25	-0.13	-0.59	0.42	0.42	0.76	355000 0	415000 0
59.8575853 90	- 2.9174 81246	0.26	-0.10	-0.51	0.40	0.41	0.72	360000 0	415000 0
59.9363665 90	- 2.0393 16134	0.27	-0.07	-0.46	0.36	0.36	0.62	365000 0	415000 0
60.0096544 80	- 1.1574 41225	0.29	-0.03	-0.42	0.23	0.23	0.38	370000 0	415000 0
60.0774129 40	- 0.2720 99601	0.19	-0.02	-0.40	0.37	0.37	0.64	375000 0	415000 0
60.3321726 00	4.1976 12195	0.15	-0.96	0.78	0.37	0.37	0.65	400000 0	415000 0
60.3661364 00	5.0982 70277	0.13	-1.07	1.61	0.22	0.22	0.37	405000 0	415000 0
60.3943897 80	6.0005 14582	0.00	-0.98	1.92	0.32	0.31	0.52	410000 0	415000 0
60.4169180 10	6.9040 57344	-0.08	-0.82	2.30	0.28	0.28	0.46	415000 0	415000 0
60.4337092 90	7.8086 07828	-0.15	-0.97	2.79	0.26	0.26	0.43	420000 0	415000 0
60.4447548 20	8.7138 72984	-0.20	-1.28	3.41	0.24	0.23	0.41	425000 0	415000 0
60.4500487 90	9.6195 58114	-0.16	-1.14	4.07	0.32	0.31	0.53	430000 0	415000 0
60.4495884 10	10.525 367550	-0.15	-1.05	4.66	0.28	0.28	0.49	435000 0	415000 0
60.4433739 30	11.431 005340	-0.35	-0.94	5.22	0.28	0.27	0.49	440000 0	415000 0
60.4314086 10	12.336 175910	-0.64	-0.77	5.88	0.25	0.25	0.44	445000 0	415000 0
60.4136987 40	13.240 584800	-0.64	-0.65	6.28	0.30	0.30	0.51	450000 0	415000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
60.3902536 20	14.143 939280	-0.50	-0.61	6.48	0.34	0.34	0.58	455000 0	415000 0
60.3610855 10	15.045 949040	-0.46	-0.50	6.56	0.34	0.34	0.56	460000 0	415000 0
60.3262096 00	15.946 326850	-0.50	-0.38	6.49	0.36	0.36	0.62	465000 0	415000 0
60.2856440 00	16.844 789200	-0.58	-0.27	6.35	0.32	0.32	0.54	470000 0	415000 0
60.2394096 20	17.741 056880	-0.65	-0.15	6.21	0.29	0.29	0.51	475000 0	415000 0
60.1875302 00	18.634 855600	-0.71	0.01	6.06	0.34	0.34	0.59	480000 0	415000 0
60.1300321 60	19.525 916570	-0.78	0.19	5.88	0.29	0.29	0.49	485000 0	415000 0
60.0669445 80	20.413 976990	-0.84	0.41	5.40	0.19	0.19	0.35	490000 0	415000 0
59.9982990 80	21.298 780580	-0.89	0.43	4.88	0.32	0.32	0.58	495000 0	415000 0
59.9241297 80	22.180 078060	-0.87	0.47	4.20	0.35	0.34	0.60	500000 0	415000 0
59.8444731 60	23.057 627560	-0.83	0.49	3.49	0.33	0.32	0.57	505000 0	415000 0
59.7593680 00	23.931 195030	-0.86	0.40	2.97	0.30	0.30	0.52	510000 0	415000 0
59.6688552 60	24.800 554600	-0.84	0.31	2.68	0.28	0.27	0.46	515000 0	415000 0
59.5729779 80	25.665 488900	-0.72	0.41	2.50	0.26	0.26	0.44	520000 0	415000 0
59.4717811 80	26.525 789330	-0.65	0.46	2.03	0.26	0.25	0.43	525000 0	415000 0
59.3653117 40	27.381 256320	-0.66	0.38	1.50	0.17	0.17	0.30	530000 0	415000 0
59.2536182 80	28.231 699520	-0.74	0.24	0.91	0.24	0.24	0.41	535000 0	415000 0
59.1367510 70	29.076 937970	-0.68	0.22	0.46	0.37	0.37	0.63	540000 0	415000 0
59.0147618 80	29.916 800220	-0.64	0.19	-0.01	0.40	0.40	0.70	545000 0	415000 0
59.0523511 60	- 6.1794 91831	0.34	-0.20	-0.95	0.40	0.40	0.73	340000 0	410000 0
59.1512781 00	- 5.3285 18218	0.33	-0.20	-0.81	0.41	0.41	0.74	345000 0	410000 0
59.2449452 20	- 4.4731 40975	0.34	-0.21	-0.66	0.40	0.40	0.72	350000 0	410000 0
59.3333097 60	- 3.6135	0.37	-0.21	-0.52	0.37	0.38	0.66	355000 0	410000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	62574								
59.4163308 90	- 2.7499 93635	0.37	-0.17	-0.43	0.36	0.37	0.63	360000	410000
59.4939698 10	- 1.8826 52651	0.31	-0.10	-0.41	0.38	0.38	0.66	365000	410000
59.5661898 30	- 1.0117 65678	0.24	-0.06	-0.40	0.38	0.38	0.67	370000	410000
59.6329564 60	- 0.1375 65986	0.17	-0.03	-0.38	0.41	0.41	0.73	375000	410000
59.8839475 60	4.2745 04175	0.11	-0.91	0.76	0.38	0.38	0.67	400000	410000
59.9174041 80	5.1633 29277	0.02	-0.97	1.43	0.32	0.32	0.55	405000	410000
59.9452347 90	6.0536 68041	-0.10	-0.94	1.85	0.32	0.32	0.54	410000	410000
59.9674253 60	6.9452 45727	-0.19	-0.98	2.21	0.27	0.27	0.44	415000	410000
59.9839646 40	7.8377 84845	-0.25	-1.04	2.68	0.30	0.30	0.50	420000	410000
59.9948442 50	8.7310 05759	-0.26	-1.11	3.29	0.32	0.32	0.53	425000	410000
60.0000586 50	9.6246 27310	-0.24	-1.09	3.90	0.29	0.29	0.49	430000	410000
59.9996052 00	10.518 367440	-0.24	-1.06	4.45	0.24	0.24	0.41	435000	410000
59.9934841 10	11.411 943830	-0.43	-0.96	4.94	0.28	0.27	0.49	440000	410000
59.9816985 00	12.305 074520	-0.67	-0.78	5.54	0.32	0.32	0.53	445000	410000
59.9642543 80	13.197 478550	-0.71	-0.66	5.89	0.32	0.32	0.54	450000	410000
59.9411605 80	14.088 876590	-0.61	-0.59	6.03	0.36	0.36	0.61	455000	410000
59.9124287 80	14.978 991550	-0.58	-0.46	6.02	0.39	0.39	0.66	460000	410000
59.8780734 90	15.867 549190	-0.60	-0.34	5.92	0.39	0.39	0.67	465000	410000
59.8381119 30	16.754 278690	-0.67	-0.22	5.75	0.35	0.35	0.59	470000	410000
59.7925640 60	17.638 913250	-0.74	-0.11	5.51	0.20	0.20	0.35	475000	410000
59.7414524 90	18.521 190620	-0.73	0.04	5.30	0.33	0.33	0.57	480000	410000
59.6848024 30	19.400 853650	-0.78	0.17	5.07	0.36	0.36	0.62	485000	410000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
59.6226416 20	20.277 650730	-0.83	0.31	4.70	0.36	0.36	0.62	490000 0	410000 0
59.5550002 20	21.151 336350	-0.85	0.35	4.19	0.38	0.38	0.66	495000 0	410000 0
59.4819108 10	22.021 671460	-0.80	0.37	3.53	0.37	0.37	0.65	500000 0	410000 0
59.4034082 10	22.888 423920	-0.79	0.37	2.86	0.34	0.34	0.59	505000 0	410000 0
59.3195294 70	23.751 368850	-0.86	0.27	2.45	0.30	0.30	0.50	510000 0	410000 0
59.2303137 20	24.610 289010	-0.86	0.15	2.23	0.22	0.22	0.36	515000 0	410000 0
59.1358021 20	25.464 975060	-0.77	0.28	2.02	0.23	0.23	0.38	520000 0	410000 0
59.0360377 00	26.315 225870	-0.78	0.37	1.51	0.24	0.23	0.39	525000 0	410000 0
58.9310653 10	27.160 848690	-0.81	0.34	1.15	0.22	0.22	0.38	530000 0	410000 0
58.8209315 10	28.001 659440	-0.72	0.22	0.65	0.33	0.32	0.55	535000 0	410000 0
58.7056844 30	28.837 482800	-0.65	0.14	0.14	0.39	0.39	0.68	540000 0	410000 0
58.5853736 90	29.668 152350	-0.62	0.09	-0.35	0.42	0.42	0.75	545000 0	410000 0
58.1748026 80	- 9.2953 09108	0.19	-0.06	-0.93	0.43	0.44	0.82	320000 0	405000 0
58.2926833 60	- 8.4728 23206	0.30	-0.09	-0.99	0.42	0.42	0.77	325000 0	405000 0
58.4055498 60	- 7.6454 19663	0.43	-0.13	-1.05	0.39	0.40	0.70	330000 0	405000 0
58.5133548 40	- 6.8132 61311	0.56	-0.21	-1.12	0.32	0.33	0.58	335000 0	405000 0
58.6160524 30	- 5.9765 19315	0.51	-0.29	-1.02	0.31	0.31	0.58	340000 0	405000 0
58.7135983 00	- 5.1353 73035	0.44	-0.26	-0.77	0.38	0.38	0.67	345000 0	405000 0
58.8059497 90	- 4.2900 09868	0.43	-0.30	-0.60	0.35	0.35	0.62	350000 0	405000 0
58.8930660 10	- 3.4406 25045	0.49	-0.31	-0.44	0.28	0.29	0.50	355000 0	405000 0
58.9749079 10	- 2.5874	0.49	-0.23	-0.32	0.26	0.29	0.47	360000 0	405000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	21403								
59.0514383 80	- 1.7306 09122	0.32	-0.13	-0.35	0.39	0.39	0.68	365000 0	405000 0
59.1226223 60	- 0.8704 05429	0.22	-0.07	-0.37	0.42	0.42	0.75	370000 0	405000 0
59.4357642 10	4.3490 72544	0.02	-0.83	0.55	0.37	0.37	0.67	400000 0	405000 0
59.4687293 00	5.2264 18091	-0.11	-0.84	1.03	0.27	0.26	0.50	405000 0	405000 0
59.4961502 20	6.1052 09017	-0.23	-0.79	1.44	0.20	0.21	0.43	410000 0	405000 0
59.5180135 90	6.9851 82849	-0.29	-0.92	1.92	0.29	0.29	0.50	415000 0	405000 0
59.5343087 00	7.8660 74564	-0.34	-0.94	2.40	0.31	0.31	0.52	420000 0	405000 0
59.5450275 50	8.7476 17153	-0.37	-0.94	2.95	0.23	0.25	0.44	425000 0	405000 0
59.5501648 60	9.6295 42191	-0.42	-0.93	3.44	0.23	0.23	0.42	430000 0	405000 0
59.5497181 10	10.511 580420	-0.42	-1.00	3.78	0.28	0.28	0.47	435000 0	405000 0
59.5436875 10	11.393 462350	-0.49	-0.97	4.40	0.34	0.34	0.58	440000 0	405000 0
59.5320760 40	12.274 918810	-0.60	-0.86	4.97	0.35	0.35	0.60	445000 0	405000 0
59.5148894 00	13.155 681560	-0.63	-0.74	5.42	0.27	0.27	0.44	450000 0	405000 0
59.4921360 30	14.035 483880	-0.62	-0.60	5.56	0.31	0.31	0.51	455000 0	405000 0
59.4638270 70	14.914 061110	-0.63	-0.46	5.45	0.39	0.39	0.67	460000 0	405000 0
59.4299763 30	15.791 151230	-0.67	-0.33	5.33	0.39	0.39	0.68	465000 0	405000 0
59.3906002 50	16.666 495430	-0.70	-0.19	5.16	0.36	0.36	0.61	470000 0	405000 0
59.3457178 70	17.539 838600	-0.75	-0.07	4.91	0.25	0.25	0.44	475000 0	405000 0
59.2953507 60	18.410 929840	-0.68	0.02	4.53	0.25	0.25	0.48	480000 0	405000 0
59.2395229 80	19.279 523000	-0.76	0.13	4.33	0.38	0.38	0.66	485000 0	405000 0
59.1782609 80	20.145 377090	-0.81	0.20	4.02	0.40	0.40	0.71	490000 0	405000 0
59.0395519 00	21.867 932720	-0.73	0.28	3.02	0.35	0.35	0.62	500000 0	405000 0
58.9621691 90	22.724 182030	-0.64	0.34	2.22	0.21	0.20	0.40	505000 0	405000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
58.8794808 60	23.576 788600	-0.90	0.42	2.06	0.25	0.25	0.42	510000 0	405000 0
58.7915243 20	24.425 543400	-0.91	0.27	1.96	0.24	0.23	0.39	515000 0	405000 0
58.6983389 30	25.270 244780	-0.81	0.24	1.64	0.25	0.25	0.43	520000 0	405000 0
58.5999658 80	26.110 698760	-0.84	0.22	1.10	0.26	0.26	0.44	525000 0	405000 0
58.4964480 90	26.946 719210	-0.81	0.18	0.71	0.26	0.26	0.43	530000 0	405000 0
58.3878301 40	27.778 128080	-0.65	0.14	0.36	0.30	0.30	0.51	535000 0	405000 0
58.2741581 60	28.604 755530	-0.60	0.08	-0.13	0.38	0.38	0.67	540000 0	405000 0
58.1554796 90	29.426 440060	-0.59	0.02	-0.60	0.42	0.42	0.76	545000 0	405000 0
57.7441624 70	- 9.0616 51319	0.24	-0.08	-0.95	0.42	0.42	0.78	320000 0	400000 0
57.8604641 60	- 8.2479 80551	0.38	-0.12	-1.01	0.39	0.39	0.70	325000 0	400000 0
57.9718080 50	- 7.4295 91510	0.56	-0.14	-1.03	0.35	0.36	0.61	330000 0	400000 0
58.0781487 60	- 6.6066 42147	0.79	-0.16	-1.04	0.25	0.27	0.44	335000 0	400000 0
58.1794423 20	- 5.7792 98220	0.68	-0.23	-0.82	0.31	0.32	0.53	340000 0	400000 0
58.2756462 70	- 4.9477 33172	0.51	-0.26	-0.56	0.37	0.37	0.63	345000 0	400000 0
58.3667197 60	- 4.1121 27961	0.46	-0.31	-0.44	0.32	0.32	0.57	350000 0	400000 0
58.4526236 40	- 3.2726 70869	0.46	-0.30	-0.34	0.30	0.31	0.54	355000 0	400000 0
58.5333205 40	- 2.4295 57288	0.40	-0.20	-0.27	0.36	0.36	0.62	360000 0	400000 0
58.6087749 80	- 1.5829 89461	0.29	-0.12	-0.31	0.40	0.41	0.72	365000 0	400000 0
58.9876176 90	4.4214 19228	-0.01	-0.74	0.35	0.37	0.37	0.66	400000 0	400000 0
59.0201062 00	5.2876 23389	-0.15	-0.72	0.63	0.25	0.25	0.44	405000 0	400000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
59.0471299 40	6.1552 08611	-0.25	-0.75	1.10	0.28	0.28	0.48	410000 0	400000 0
59.0686761 20	7.0239 23987	-0.34	-0.80	1.62	0.32	0.31	0.54	415000 0	400000 0
59.0847345 40	7.8935 16240	-0.41	-0.79	2.06	0.30	0.29	0.50	420000 0	400000 0
59.0952975 60	8.7637 30253	-0.46	-0.76	2.51	0.25	0.25	0.45	425000 0	400000 0
59.1003601 50	9.6343 09592	-0.48	-0.87	2.99	0.26	0.26	0.45	430000 0	400000 0
59.0999198 90	10.504 997060	-0.47	-1.00	3.31	0.22	0.22	0.40	435000 0	400000 0
59.0939770 00	11.375 535210	-0.50	-1.00	3.86	0.28	0.28	0.50	440000 0	400000 0
59.0825343 20	12.245 666950	-0.61	-0.94	4.30	0.33	0.33	0.56	445000 0	400000 0
59.0655972 80	13.115 136010	-0.64	-0.78	4.67	0.34	0.34	0.56	450000 0	400000 0
59.0431739 30	13.983 687520	-0.66	-0.62	4.84	0.36	0.36	0.60	455000 0	400000 0
59.0152749 10	14.851 068570	-0.68	-0.47	4.81	0.39	0.39	0.66	460000 0	400000 0
58.9819133 80	15.717 028660	-0.70	-0.34	4.69	0.36	0.36	0.61	465000 0	400000 0
58.9431050 40	16.581 320270	-0.70	-0.19	4.52	0.30	0.30	0.53	470000 0	400000 0
58.8988680 60	17.443 699340	-0.68	-0.06	4.26	0.28	0.28	0.52	475000 0	400000 0
58.8492230 20	18.303 925710	-0.69	-0.01	3.95	0.34	0.34	0.60	480000 0	400000 0
58.7941929 00	19.161 763630	-0.76	0.05	3.70	0.39	0.39	0.69	485000 0	400000 0
58.7338029 60	20.016 982170	-0.80	0.11	3.44	0.41	0.41	0.73	490000 0	400000 0
58.5970559 70	21.718 663910	-0.75	0.18	2.79	0.33	0.33	0.57	500000 0	400000 0
58.5207604 30	22.564 692920	-0.75	0.32	2.34	0.23	0.22	0.40	505000 0	400000 0
58.4392279 70	23.407 234880	-0.89	0.54	1.97	0.24	0.24	0.40	510000 0	400000 0
58.3524944 00	24.246 088620	-0.75	0.36	1.66	0.24	0.24	0.41	515000 0	400000 0
58.2605973 70	25.081 059870	-0.65	0.16	1.19	0.28	0.27	0.49	520000 0	400000 0
58.1635762 90	25.911 961510	-0.73	0.06	0.76	0.27	0.26	0.46	525000 0	400000 0
58.0614722 90	26.738 613760	-0.72	0.04	0.41	0.24	0.24	0.39	530000 0	400000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
57.9543280 80	27.560 844410	-0.57	0.10	0.04	0.23	0.22	0.42	535000 0	400000 0
57.8421878 50	28.378 488940	-0.56	0.04	-0.34	0.36	0.36	0.63	540000 0	400000 0
57.7250972 30	29.191 390650	-0.56	-0.03	-0.74	0.42	0.41	0.75	545000 0	400000 0
57.6031031 10	29.999 400790	-0.56	-0.10	-1.15	0.43	0.43	0.81	550000 0	400000 0
57.3130567 80	- 8.8343 66644	0.25	-0.10	-0.98	0.40	0.41	0.73	320000 0	395000 0
57.4278221 00	- 8.0293 12563	0.42	-0.16	-1.02	0.33	0.34	0.57	325000 0	395000 0
57.5376849 00	- 7.2197 29464	0.61	-0.18	-0.95	0.22	0.24	0.40	330000 0	395000 0
57.6426016 60	- 6.4057 70544	0.62	-0.21	-0.65	0.32	0.33	0.55	335000 0	395000 0
57.7425302 10	- 5.5875 96328	0.60	-0.23	-0.30	0.31	0.32	0.53	340000 0	395000 0
57.8374298 50	- 4.7653 74539	0.50	-0.23	-0.18	0.33	0.34	0.56	345000 0	395000 0
57.9272614 50	- 3.9392 79943	0.44	-0.23	-0.14	0.33	0.33	0.56	350000 0	395000 0
58.0119875 10	- 3.1094 94157	0.41	-0.18	-0.09	0.32	0.33	0.55	355000 0	395000 0
58.0915722 70	- 2.2762 05445	0.33	-0.12	-0.17	0.37	0.37	0.64	360000 0	395000 0
58.1659817 70	- 1.4396 08471	0.24	-0.08	-0.27	0.41	0.41	0.74	365000 0	395000 0
58.5395030 20	4.4916 40260	0.00	-0.69	0.23	0.39	0.39	0.69	400000 0	395000 0
58.5715292 70	5.3470 26808	-0.05	-0.72	0.73	0.29	0.29	0.48	405000 0	395000 0
58.5981677 70	6.2037 33785	-0.18	-0.76	1.07	0.26	0.25	0.42	410000 0	395000 0
58.6194063 40	7.0615 21192	-0.34	-0.80	1.29	0.27	0.24	0.44	415000 0	395000 0
58.6352352 10	7.9201 46832	-0.43	-0.78	1.74	0.28	0.27	0.45	420000 0	395000 0
58.6456471 10	8.7793 66794	-0.47	-0.80	2.19	0.29	0.28	0.46	425000 0	395000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
58.6506372 40	9.6389 35950	-0.44	-0.86	2.63	0.29	0.29	0.48	430000 0	395000 0
58.6502032 90	10.498 608450	-0.36	-0.88	3.05	0.31	0.31	0.52	435000 0	395000 0
58.6443454 60	11.358 138250	-0.34	-0.92	3.49	0.26	0.27	0.45	440000 0	395000 0
58.6330664 50	12.217 279560	-0.57	-0.96	3.65	0.24	0.25	0.42	445000 0	395000 0
58.6163714 70	13.075 787440	-0.63	-0.79	3.89	0.36	0.36	0.61	450000 0	395000 0
58.5942682 00	13.933 418200	-0.67	-0.63	4.08	0.38	0.38	0.65	455000 0	395000 0
58.5667667 70	14.789 929970	-0.70	-0.48	4.13	0.38	0.38	0.66	460000 0	395000 0
58.5338797 80	15.645 083150	-0.72	-0.36	4.03	0.32	0.32	0.54	465000 0	395000 0
58.4956222 00	16.498 640890	-0.71	-0.23	3.84	0.24	0.24	0.41	470000 0	395000 0
58.4520113 70	17.350 369540	-0.64	-0.08	3.58	0.31	0.31	0.56	475000 0	395000 0
58.4030669 80	18.200 039110	-0.69	-0.04	3.32	0.37	0.37	0.64	480000 0	395000 0
58.3488109 60	19.047 423700	-0.75	-0.01	3.09	0.39	0.39	0.69	485000 0	395000 0
58.2892674 60	19.892 301880	-0.79	0.03	2.89	0.41	0.41	0.72	490000 0	395000 0
58.1544253 80	21.573 678100	-0.83	0.10	2.54	0.34	0.34	0.58	500000 0	395000 0
58.0791856 30	22.409 759090	-0.86	0.21	2.27	0.28	0.28	0.46	505000 0	395000 0
57.9987759 30	23.242 500250	-0.82	0.26	1.67	0.28	0.28	0.47	510000 0	395000 0
57.9132305 30	24.071 707930	-0.59	0.12	1.10	0.26	0.26	0.44	515000 0	395000 0
57.8225854 80	24.897 194900	-0.52	-0.01	0.70	0.27	0.27	0.48	520000 0	395000 0
57.7268785 40	25.718 780640	-0.67	-0.05	0.49	0.26	0.26	0.45	525000 0	395000 0
57.6261491 10	26.536 291500	-0.70	-0.05	0.26	0.25	0.25	0.41	530000 0	395000 0
57.5204381 10	27.349 560880	-0.60	0.06	-0.07	0.23	0.22	0.39	535000 0	395000 0
57.4097879 40	28.158 429440	-0.57	0.00	-0.39	0.35	0.35	0.62	540000 0	395000 0
57.2942423 50	28.962 745160	-0.55	-0.07	-0.78	0.41	0.41	0.74	545000 0	395000 0
57.1738463 70	29.762 363470	-0.52	-0.14	-1.18	0.43	0.43	0.80	550000 0	395000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
56.8815002 10	- 8.6132 09857	0.21	-0.11	-1.00	0.39	0.40	0.70	320000 0	390000 0
56.9947702 30	- 7.8165 79388	0.31	-0.18	-1.03	0.26	0.29	0.47	325000 0	390000 0
57.1031919 20	- 7.0155 99655	0.37	-0.22	-0.89	0.28	0.29	0.47	330000 0	390000 0
57.2067235 20	- 6.2104 19236	0.38	-0.25	-0.32	0.30	0.30	0.50	335000 0	390000 0
57.3053245 70	- 5.4011 93584	0.45	-0.24	0.27	0.21	0.24	0.39	340000 0	390000 0
57.3989560 50	- 4.5880 84908	0.42	-0.19	0.33	0.24	0.25	0.40	345000 0	390000 0
57.4875804 60	- 3.7712 62013	0.41	-0.19	0.20	0.27	0.27	0.45	350000 0	390000 0
57.5711618 70	- 2.9509 00123	0.39	-0.09	0.19	0.21	0.24	0.38	355000 0	390000 0
57.6496660 30	- 2.1271 80680	0.28	-0.03	-0.08	0.33	0.34	0.58	360000 0	390000 0
57.7230604 20	- 1.3002 91110	0.20	-0.04	-0.27	0.40	0.40	0.72	365000 0	390000 0
58.1229927 90	5.4047 05319	-0.09	-0.65	0.48	0.35	0.35	0.61	405000 0	390000 0
58.1492575 10	6.2508 47662	-0.23	-0.62	0.76	0.28	0.27	0.50	410000 0	390000 0
58.1701976 10	7.0980 23526	-0.34	-0.67	0.86	0.26	0.25	0.45	415000 0	390000 0
58.1858037 90	7.9460 01171	-0.36	-0.78	1.11	0.23	0.23	0.40	420000 0	390000 0
58.1960690 80	8.7945 47262	-0.42	-0.79	1.68	0.32	0.31	0.51	425000 0	390000 0
58.2009889 10	9.6434 27329	-0.37	-0.80	2.09	0.34	0.34	0.57	430000 0	390000 0
58.2005610 70	10.492 406240	-0.27	-0.77	2.56	0.33	0.33	0.56	435000 0	390000 0
58.1947857 60	11.341 248660	-0.18	-0.76	3.01	0.27	0.27	0.46	440000 0	390000 0
58.1836655 50	12.189 719530	-0.43	-0.84	2.97	0.28	0.29	0.49	445000 0	390000 0
58.1672054 20	13.037 584530	-0.59	-0.76	3.11	0.31	0.32	0.54	450000 0	390000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
58.1454126 90	13.884 610560	-0.67	-0.61	3.39	0.34	0.34	0.57	455000 0	390000 0
58.1182970 60	14.730 566160	-0.71	-0.47	3.46	0.36	0.36	0.61	460000 0	390000 0
58.0858705 50	15.575 222020	-0.71	-0.34	3.34	0.37	0.37	0.62	465000 0	390000 0
58.0481474 60	16.418 351350	-0.67	-0.23	3.13	0.36	0.36	0.61	470000 0	390000 0
58.0051443 80	17.259 730380	-0.64	-0.14	2.88	0.36	0.36	0.61	475000 0	390000 0
57.9568801 00	18.099 138730	-0.68	-0.10	2.65	0.32	0.32	0.54	480000 0	390000 0
57.9033756 00	18.936 359810	-0.74	-0.07	2.47	0.35	0.35	0.59	485000 0	390000 0
57.8446539 60	19.771 181240	-0.77	-0.05	2.32	0.40	0.40	0.69	490000 0	390000 0
57.7116619 80	21.432 798580	-0.85	-0.03	2.16	0.31	0.31	0.53	500000 0	390000 0
57.6374479 20	22.259 193760	-0.86	0.04	1.82	0.27	0.27	0.44	505000 0	390000 0
57.5581291 70	23.082 388440	-0.78	0.12	1.16	0.28	0.28	0.47	510000 0	390000 0
57.4737385 30	23.902 196130	-0.60	0.02	0.66	0.30	0.30	0.50	515000 0	390000 0
57.3843105 30	24.718 436360	-0.51	-0.07	0.35	0.26	0.26	0.44	520000 0	390000 0
57.2898813 60	25.530 934920	-0.66	-0.05	0.42	0.25	0.24	0.41	525000 0	390000 0
57.1904887 60	26.339 524060	-0.73	-0.06	0.43	0.26	0.26	0.44	530000 0	390000 0
57.0861720 00	27.144 042640	-0.68	0.01	0.15	0.23	0.23	0.40	535000 0	390000 0
56.9769717 30	27.944 336300	-0.58	-0.05	-0.27	0.34	0.34	0.59	540000 0	390000 0
56.8629299 40	28.740 257560	-0.52	-0.12	-0.73	0.40	0.40	0.71	545000 0	390000 0
56.7440898 90	29.531 665970	-0.47	-0.17	-1.14	0.42	0.42	0.77	550000 0	390000 0
56.5613205 70	- 7.6095 53192	0.12	-0.07	-1.18	0.32	0.34	0.57	325000 0	385000 0
56.6683396 50	- 6.8169 80074	0.04	-0.04	-1.18	0.25	0.30	0.47	330000 0	385000 0
56.7705234 20	- 6.0203 72607	0.14	-0.19	-0.28	0.25	0.26	0.42	335000 0	385000 0
56.8678330 70	- 5.2198	0.24	-0.18	0.39	0.29	0.29	0.48	340000 0	385000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	81339								
56.9602311 60	- 4.4156 63156	0.30	-0.15	0.69	0.27	0.29	0.46	345000 0	385000 0
57.0476817 30	- 3.6078 81133	0.36	-0.23	0.59	0.23	0.25	0.41	350000 0	385000 0
57.1301503 50	- 2.7967 04360	0.32	-0.05	0.28	0.27	0.28	0.47	355000 0	385000 0
57.2076041 90	- 1.9823 07747	0.23	-0.05	-0.18	0.24	0.26	0.49	360000 0	385000 0
57.2800121 00	- 1.1648 71807	0.17	-0.04	-0.32	0.39	0.39	0.71	365000 0	385000 0
57.7003928 90	6.2966 09792	-0.24	-0.58	0.33	0.36	0.36	0.65	410000 0	385000 0
57.7210433 00	7.1334 77268	-0.32	-0.62	0.47	0.33	0.32	0.58	415000 0	385000 0
57.7364333 30	7.9711 12111	-0.34	-0.71	0.70	0.32	0.32	0.55	420000 0	385000 0
57.7465563 40	8.8092 90973	-0.37	-0.74	1.09	0.35	0.35	0.59	425000 0	385000 0
57.7514079 40	9.6477 89449	-0.36	-0.73	1.43	0.29	0.29	0.49	430000 0	385000 0
57.7509860 40	10.486 382520	-0.33	-0.71	1.76	0.31	0.31	0.52	435000 0	385000 0
57.7452908 10	11.324 844960	-0.35	-0.70	2.03	0.30	0.30	0.51	440000 0	385000 0
57.7343247 20	12.162 951840	-0.39	-0.68	2.15	0.20	0.21	0.36	445000 0	385000 0
57.7180925 30	13.000 478880	-0.51	-0.52	2.37	0.18	0.19	0.33	450000 0	385000 0
57.6966012 30	13.837 202940	-0.67	-0.54	2.77	0.22	0.22	0.36	455000 0	385000 0
57.6698600 90	14.672 902440	-0.72	-0.43	2.78	0.32	0.32	0.54	460000 0	385000 0
57.6378805 90	15.507 357750	-0.71	-0.29	2.65	0.36	0.36	0.62	465000 0	385000 0
57.6006764 20	16.340 351640	-0.61	-0.19	2.44	0.33	0.33	0.59	470000 0	385000 0
57.5582634 30	17.171 669660	-0.55	-0.20	2.16	0.31	0.31	0.56	475000 0	385000 0
57.5106595 90	18.001 100530	-0.62	-0.16	1.99	0.28	0.28	0.47	480000 0	385000 0
57.4578849 60	18.828 436500	-0.69	-0.14	1.86	0.33	0.33	0.55	485000 0	385000 0
57.3999616	19.653	-0.71	-0.13	1.75	0.39	0.40	0.69	490000	385000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40	473740							0	0
57.3369137 00	20.476 012660	-0.73	-0.13	1.63	0.39	0.39	0.68	495000 0	385000 0
57.2687671 50	21.295 858200	-0.74	-0.12	1.46	0.34	0.34	0.58	500000 0	385000 0
57.1955498 70	22.112 820200	-0.73	-0.01	1.05	0.28	0.28	0.47	505000 0	385000 0
57.1172915 30	22.926 713630	-0.69	0.05	0.51	0.25	0.25	0.42	510000 0	385000 0
57.0340235 50	23.737 358850	-0.56	-0.07	0.21	0.22	0.22	0.37	515000 0	385000 0
56.9457790 20	24.544 581870	-0.43	-0.01	0.24	0.22	0.22	0.37	520000 0	385000 0
56.8525926 30	25.348 214540	-0.54	-0.01	0.33	0.28	0.27	0.46	525000 0	385000 0
56.7545005 70	26.148 094780	-0.64	-0.09	0.50	0.24	0.24	0.40	530000 0	385000 0
56.6515405 00	26.944 066700	-0.62	-0.11	0.22	0.27	0.27	0.46	535000 0	385000 0
56.5437514 60	27.735 980780	-0.54	-0.12	-0.18	0.29	0.29	0.50	540000 0	385000 0
56.4311737 60	28.523 693990	-0.44	-0.16	-0.69	0.38	0.38	0.65	545000 0	385000 0
56.3138489 20	29.307 069850	-0.38	-0.21	-1.10	0.41	0.41	0.72	550000 0	385000 0
56.1274841 70	- 7.4080 17447	0.10	-0.03	-1.05	0.36	0.38	0.64	325000 0	380000 0
56.2331377 30	- 6.6236 59848	0.04	0.02	-1.04	0.31	0.35	0.56	330000 0	380000 0
56.3340096 30	- 5.8354 25973	0.12	0.00	-0.47	0.31	0.33	0.53	335000 0	380000 0
56.4300626 10	- 5.0434 61625	0.18	-0.06	0.18	0.31	0.32	0.52	340000 0	380000 0
56.5212607 60	- 4.2479 18560	0.20	-0.13	0.63	0.21	0.25	0.40	345000 0	380000 0
56.6075695 60	- 3.4489 54338	0.29	-0.08	0.55	0.29	0.31	0.50	350000 0	380000 0
56.6889560 10	- 2.6467 32165	0.30	0.00	0.24	0.29	0.32	0.53	355000 0	380000 0
56.7653886 20	- 1.8414 20698	0.21	-0.03	-0.16	0.35	0.36	0.64	360000 0	380000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
57.2871169 20	7.9955 10666	-0.36	-0.67	0.44	0.38	0.38	0.64	420000 0	380000 0
57.2971017 70	8.8236 16165	-0.37	-0.69	0.67	0.36	0.36	0.61	425000 0	380000 0
57.3018871 40	9.6520 27709	-0.37	-0.71	0.84	0.29	0.29	0.49	430000 0	380000 0
57.3014709 90	10.480 529830	-0.40	-0.68	1.09	0.31	0.31	0.53	435000 0	380000 0
57.2958535 20	11.308 906870	-0.45	-0.61	1.31	0.32	0.32	0.54	440000 0	380000 0
57.2850370 80	12.136 943440	-0.54	-0.49	1.51	0.22	0.23	0.41	445000 0	380000 0
57.2690262 00	12.964 424770	-0.56	-0.42	1.81	0.32	0.32	0.55	450000 0	380000 0
57.2478275 80	13.791 137130	-0.65	-0.42	2.02	0.35	0.35	0.60	455000 0	380000 0
57.2214501 00	14.616 868260	-0.71	-0.37	2.07	0.36	0.36	0.62	460000 0	380000 0
57.1899047 20	15.441 407720	-0.75	-0.24	1.99	0.32	0.32	0.54	465000 0	380000 0
57.1532045 30	16.264 547290	-0.64	-0.13	1.82	0.21	0.21	0.39	470000 0	380000 0
57.1113647 10	17.086 081370	-0.49	-0.24	1.54	0.25	0.25	0.51	475000 0	380000 0
57.0644024 40	17.905 807280	-0.55	-0.21	1.43	0.36	0.36	0.63	480000 0	380000 0
57.0123369 20	18.723 525670	-0.61	-0.19	1.33	0.39	0.39	0.68	485000 0	380000 0
56.9551893 00	19.539 040840	-0.63	-0.20	1.22	0.40	0.40	0.71	490000 0	380000 0
56.8929826 30	20.352 161030	-0.63	-0.23	1.07	0.38	0.38	0.68	495000 0	380000 0
56.8257418 10	21.162 698740	-0.59	-0.22	0.80	0.32	0.33	0.58	500000 0	380000 0
56.7534935 50	21.970 471030	-0.47	-0.06	0.37	0.29	0.29	0.49	505000 0	380000 0
56.6762662 70	22.775 299760	-0.47	0.00	0.00	0.25	0.25	0.42	510000 0	380000 0
56.5940901 00	23.577 011850	-0.44	-0.11	-0.15	0.26	0.26	0.43	515000 0	380000 0
56.5069967 40	24.375 439510	-0.27	-0.09	-0.11	0.26	0.26	0.43	520000 0	380000 0
56.4150194 60	25.170 420420	-0.34	-0.05	-0.08	0.28	0.28	0.47	525000 0	380000 0
56.3181930 00	25.961 797940	-0.48	-0.10	-0.06	0.26	0.26	0.44	530000 0	380000 0
56.2165535 00	26.749 421250	-0.48	-0.22	-0.20	0.23	0.23	0.38	535000 0	380000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
56.1101384 20	27.533 145520	-0.42	-0.16	-0.50	0.16	0.16	0.33	540000 0	380000 0
55.9989864 90	28.312 832000	-0.33	-0.21	-0.83	0.33	0.33	0.56	545000 0	380000 0
55.8831376 00	29.088 348150	-0.26	-0.23	-1.11	0.35	0.35	0.60	550000 0	380000 0
55.4705854 90	- 8.7527 07529	0.25	-0.11	-0.62	0.41	0.41	0.74	315000 0	375000 0
55.5842552 90	- 7.9842 32464	0.29	-0.13	-0.61	0.39	0.40	0.69	320000 0	375000 0
55.6932711 70	- 7.2117 66251	0.24	-0.11	-0.65	0.38	0.38	0.65	325000 0	375000 0
55.7975949 50	- 6.4354 38569	0.18	-0.03	-0.63	0.36	0.37	0.62	330000 0	375000 0
55.8971896 20	- 5.6553 84916	0.20	0.07	-0.45	0.26	0.29	0.46	335000 0	375000 0
55.9920193 90	- 4.8717 46506	0.19	0.03	0.05	0.30	0.32	0.51	340000 0	375000 0
56.0820497 80	- 4.0846 70146	0.17	-0.03	0.42	0.30	0.31	0.51	345000 0	375000 0
56.1672476 70	- 3.2943 08098	0.20	0.00	0.33	0.27	0.29	0.48	350000 0	375000 0
56.2475813 90	- 2.5008 17917	0.25	0.02	0.05	0.30	0.34	0.56	355000 0	375000 0
56.3230207 50	- 1.7043 62277	0.19	-0.01	-0.24	0.38	0.39	0.68	360000 0	375000 0
56.8228713 00	7.2014 11334	-0.34	-0.60	-0.08	0.38	0.38	0.67	415000 0	375000 0
56.8378476 20	8.0192 26138	-0.39	-0.66	0.21	0.32	0.32	0.54	420000 0	375000 0
56.8476982 90	8.8375 40065	-0.37	-0.67	0.39	0.33	0.33	0.55	425000 0	375000 0
56.8524193 10	9.6561 47211	-0.30	-0.66	0.45	0.17	0.17	0.29	430000 0	375000 0
56.8520087 70	10.474 841130	-0.40	-0.62	0.63	0.32	0.32	0.54	435000 0	375000 0
56.8464668 10	11.293 415230	-0.45	-0.52	0.86	0.35	0.35	0.61	440000 0	375000 0
56.8357957 10	12.111 663110	-0.51	-0.39	1.08	0.32	0.33	0.57	445000 0	375000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
56.8199998 10	12.929 379000	-0.57	-0.38	1.28	0.36	0.36	0.62	450000 0	375000 0
56.7990855 10	13.746 358100	-0.64	-0.38	1.41	0.37	0.38	0.64	455000 0	375000 0
56.7730612 80	14.562 396940	-0.70	-0.34	1.45	0.38	0.38	0.64	460000 0	375000 0
56.7419376 50	15.377 293780	-0.73	-0.27	1.42	0.34	0.34	0.57	465000 0	375000 0
56.7057271 30	16.190 848950	-0.68	-0.21	1.30	0.33	0.33	0.55	470000 0	375000 0
56.6644442 30	17.002 865210	-0.55	-0.23	1.13	0.37	0.37	0.65	475000 0	375000 0
56.6181054 30	17.813 148060	-0.53	-0.23	0.99	0.40	0.40	0.71	480000 0	375000 0
56.5667290 90	18.621 506110	-0.54	-0.22	0.87	0.42	0.42	0.74	485000 0	375000 0
56.4489466 40	20.231 699530	-0.54	-0.31	0.63	0.36	0.37	0.66	495000 0	375000 0
56.3825864 80	21.033 170300	-0.46	-0.34	0.42	0.25	0.26	0.50	500000 0	375000 0
56.3112805 50	21.831 987610	-0.22	-0.13	-0.02	0.24	0.24	0.40	505000 0	375000 0
56.2350561 30	22.627 979910	-0.30	-0.10	-0.27	0.26	0.26	0.43	510000 0	375000 0
56.1539420 70	23.420 980390	-0.34	-0.27	-0.34	0.24	0.24	0.40	515000 0	375000 0
56.0679688 20	24.210 827180	-0.19	-0.26	-0.44	0.27	0.27	0.44	520000 0	375000 0
55.9771682 60	24.997 363560	-0.22	-0.15	-0.53	0.27	0.27	0.46	525000 0	375000 0
55.8815737 60	25.780 438130	-0.37	-0.10	-0.70	0.25	0.25	0.42	530000 0	375000 0
55.7812200 00	26.559 904970	-0.36	-0.18	-0.91	0.23	0.23	0.40	535000 0	375000 0
55.6761429 60	27.335 623780	-0.26	-0.21	-0.96	0.31	0.31	0.53	540000 0	375000 0
55.5663798 60	28.107 459970	-0.21	-0.26	-1.10	0.30	0.30	0.51	545000 0	375000 0
55.4519690 50	28.875 284810	-0.15	-0.29	-1.23	0.25	0.25	0.43	550000 0	375000 0
54.9219008 50	- 9.3032 53476	0.25	-0.13	-0.53	0.40	0.40	0.72	310000 0	370000 0
55.0387443 80	- 8.5462 90748	0.37	-0.15	-0.46	0.36	0.37	0.64	315000 0	370000 0
55.1510203 10	- 7.7853 67374	0.49	-0.23	-0.27	0.31	0.32	0.54	320000 0	370000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
55.2586908 60	- 7.0206 03710	0.41	-0.25	-0.23	0.31	0.31	0.52	325000 0	370000 0
55.3617193 30	- 6.2521 25673	0.26	-0.14	-0.30	0.34	0.35	0.58	330000 0	370000 0
55.4600701 40	- 5.4800 64662	0.25	-0.04	-0.16	0.32	0.34	0.55	335000 0	370000 0
55.5537089 20	- 4.7045 57454	0.23	0.00	0.16	0.30	0.32	0.52	340000 0	370000 0
55.6426025 40	- 3.9257 46087	0.16	0.00	0.48	0.25	0.26	0.44	345000 0	370000 0
55.7267192 20	- 3.1437 77727	0.16	-0.01	0.19	0.25	0.26	0.43	350000 0	370000 0
55.8060285 40	- 2.3588 04509	0.24	-0.04	-0.26	0.28	0.31	0.52	355000 0	370000 0
55.8805015 50	- 1.5709 83373	0.17	-0.03	-0.40	0.37	0.38	0.65	360000 0	370000 0
56.3738402 60	7.2339 71979	-0.32	-0.55	-0.41	0.37	0.37	0.65	415000 0	370000 0
56.3886185 00	8.0422 86233	-0.40	-0.62	-0.10	0.24	0.24	0.40	420000 0	370000 0
56.3983387 90	8.8510 78964	-0.36	-0.63	0.04	0.33	0.33	0.55	425000 0	370000 0
56.4029973 00	9.6601 52776	-0.32	-0.59	0.28	0.34	0.34	0.56	430000 0	370000 0
56.4025921 90	10.469 309770	-0.35	-0.53	0.38	0.35	0.35	0.59	435000 0	370000 0
56.3971236 20	11.278 351900	-0.41	-0.46	0.46	0.34	0.34	0.58	440000 0	370000 0
56.3865937 50	12.087 081320	-0.46	-0.38	0.59	0.35	0.35	0.60	445000 0	370000 0
56.3710067 30	12.895 300750	-0.54	-0.39	0.75	0.35	0.35	0.59	450000 0	370000 0
56.3503687 00	13.702 813820	-0.63	-0.41	0.87	0.30	0.30	0.50	455000 0	370000 0
56.3246877 70	14.509 425420	-0.66	-0.37	0.95	0.34	0.34	0.58	460000 0	370000 0
56.2939740 10	15.314 942040	-0.68	-0.31	0.98	0.29	0.30	0.50	465000 0	370000 0
56.2582394 10	16.119 172100	-0.63	-0.28	0.90	0.33	0.33	0.56	470000 0	370000 0
56.2174978 60	16.921 926290	-0.53	-0.26	0.75	0.39	0.39	0.69	475000 0	370000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
56.0048048 80	20.114 494830	-0.45	-0.29	0.24	0.38	0.38	0.67	495000 0	370000 0
55.9393012 60	20.907 130800	-0.39	-0.30	0.15	0.28	0.28	0.50	500000 0	370000 0
55.8689120 20	21.697 219530	-0.26	-0.17	-0.12	0.25	0.25	0.43	505000 0	370000 0
55.7936633 20	22.484 595740	-0.32	-0.14	-0.40	0.26	0.26	0.43	510000 0	370000 0
55.7135828 30	23.269 098600	-0.36	-0.27	-0.55	0.26	0.26	0.43	515000 0	370000 0
55.6286997 60	24.050 571940	-0.19	-0.35	-0.69	0.27	0.27	0.45	520000 0	370000 0
55.5390447 40	24.828 864400	-0.20	-0.26	-0.75	0.28	0.28	0.47	525000 0	370000 0
55.4446497 80	25.603 829630	-0.31	-0.13	-0.92	0.23	0.23	0.39	530000 0	370000 0
55.3455482 00	26.375 326410	-0.20	-0.18	-1.16	0.23	0.22	0.39	535000 0	370000 0
55.2417745 80	27.143 218840	-0.10	-0.26	-1.32	0.27	0.27	0.47	540000 0	370000 0
55.1333646 70	27.907 376380	-0.16	-0.32	-1.41	0.35	0.35	0.60	545000 0	370000 0
54.2467450 70	- 10.582 380470	0.13	-0.15	-0.59	0.42	0.42	0.76	300000 0	365000 0
54.3711136 80	- 9.8406 18207	0.20	-0.21	-0.51	0.39	0.39	0.68	305000 0	365000 0
54.4910364 10	- 9.0948 24346	0.30	-0.20	-0.42	0.34	0.35	0.60	310000 0	365000 0
54.6064750 30	- 8.3451 05231	0.46	-0.17	-0.36	0.24	0.28	0.46	315000 0	365000 0
54.7173922 40	- 7.5915 72561	0.46	-0.21	-0.02	0.24	0.25	0.42	320000 0	365000 0
54.8237517 00	- 6.8343 43349	0.33	-0.29	0.03	0.23	0.24	0.40	325000 0	365000 0
54.9255181 10	- 6.0735 39855	0.24	-0.22	-0.13	0.29	0.29	0.48	330000 0	365000 0
55.0226572 50	- 5.3092 89503	0.24	-0.09	-0.01	0.29	0.30	0.50	335000 0	365000 0
55.1151360 90	- 4.5417 24784	0.22	-0.02	0.23	0.25	0.27	0.44	340000 0	365000 0
55.2029228	-	0.11	0.01	0.39	0.29	0.30	0.49	345000	365000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
00	3.7709 83142							0	0
55.2859868 60	- 2.9972 06838	0.11	0.03	0.20	0.22	0.24	0.39	350000	365000
55.3642990 60	- 2.2205 42809	0.18	-0.04	-0.36	0.27	0.28	0.46	355000	365000
55.4378316 00	- 1.4411 42501	0.13	-0.03	-0.51	0.30	0.30	0.51	360000	365000
55.9248369 50	7.2656 44987	-0.27	-0.46	-0.82	0.39	0.39	0.68	415000	365000
55.9394226 50	8.0647 17166	-0.31	-0.51	-0.58	0.34	0.34	0.59	420000	365000
55.9490162 20	8.8642 48272	-0.30	-0.53	-0.33	0.33	0.33	0.55	425000	365000
55.9536139 60	9.6640 48966	-0.27	-0.53	-0.03	0.32	0.32	0.54	430000	365000
55.9532141 40	10.463 929440	-0.30	-0.46	0.11	0.34	0.34	0.57	435000	365000
55.9478168 90	11.263 699750	-0.35	-0.37	0.08	0.17	0.17	0.30	440000	365000
55.9374242 90	12.063 170130	-0.40	-0.34	0.22	0.30	0.30	0.50	445000	365000
55.9220403 20	12.862 151360	-0.49	-0.37	0.33	0.26	0.27	0.46	450000	365000
55.9016708 40	13.660 455060	-0.56	-0.43	0.43	0.25	0.25	0.41	455000	365000
55.8763236 50	14.457 894010	-0.56	-0.40	0.57	0.31	0.31	0.53	460000	365000
55.8460083 60	15.254 282520	-0.56	-0.36	0.63	0.31	0.31	0.52	465000	365000
55.8107364 70	16.049 436680	-0.52	-0.33	0.54	0.34	0.35	0.59	470000	365000
55.7705213 00	16.843 174710	-0.42	-0.31	0.40	0.40	0.40	0.70	475000	365000
55.5605561 70	20.000 420460	-0.38	-0.29	-0.16	0.39	0.39	0.68	495000	365000
55.4958859 10	20.784 445490	-0.37	-0.27	-0.19	0.31	0.31	0.55	500000	365000
55.4263886 90	21.566 024060	-0.29	-0.13	-0.28	0.23	0.23	0.42	505000	365000
55.3520895 90	22.344 996920	-0.33	-0.13	-0.60	0.31	0.31	0.51	510000	365000
55.2730151 90	23.121 208970	-0.36	-0.18	-0.71	0.29	0.29	0.48	515000	365000
55.1891935 10	23.894 509490	-0.28	-0.30	-0.84	0.24	0.24	0.40	520000	365000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
55.1006539 70	24.664 752260	-0.24	-0.28	-0.90	0.25	0.25	0.42	525000 0	365000 0
55.0074273 10	25.431 795790	-0.27	-0.28	-1.02	0.28	0.28	0.47	530000 0	365000 0
54.9095455 60	26.195 503410	-0.21	-0.32	-1.28	0.30	0.30	0.50	535000 0	365000 0
54.8070419 40	26.955 743450	-0.16	-0.36	-1.53	0.32	0.32	0.55	540000 0	365000 0
54.6999508 40	27.712 389300	-0.24	-0.40	-1.66	0.37	0.37	0.64	545000 0	365000 0
53.6910207 40	- 11.096 365070	0.10	-0.11	-0.63	0.43	0.43	0.80	295000 0	360000 0
53.8182984 10	- 10.365 391430	0.16	-0.20	-0.59	0.40	0.40	0.71	300000 0	360000 0
53.9412103 90	- 9.6304 33574	0.25	-0.34	-0.48	0.29	0.29	0.49	305000 0	360000 0
54.0597190 50	- 8.8915 90067	0.39	-0.33	-0.33	0.27	0.28	0.46	310000 0	360000 0
54.1737875 70	- 8.1489 64572	0.57	-0.30	-0.14	0.23	0.26	0.43	315000 0	360000 0
54.2833800 20	- 7.4026 65822	0.41	-0.31	0.01	0.27	0.28	0.46	320000 0	360000 0
54.3884614 40	- 6.6528 07572	0.20	-0.32	0.03	0.25	0.26	0.42	325000 0	360000 0
54.4889978 60	- 5.8995 08527	0.18	-0.24	-0.16	0.22	0.23	0.39	330000 0	360000 0
54.5849563 70	- 5.1428 92261	0.16	-0.11	-0.03	0.31	0.31	0.53	335000 0	360000 0
54.6763052 00	- 4.3830 87125	0.10	-0.05	0.16	0.29	0.30	0.52	340000 0	360000 0
54.7630137 80	- 3.6202 26133	0.02	-0.04	0.20	0.29	0.31	0.52	345000 0	360000 0
54.8450527 60	- 2.8544 46833	0.04	0.02	-0.08	0.24	0.26	0.42	350000 0	360000 0
54.9223940 90	- 2.0858 91171	0.09	0.01	-0.50	0.26	0.27	0.44	355000 0	360000 0
54.9950110 90	- 1.3147	0.08	0.00	-0.61	0.31	0.31	0.51	360000 0	360000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	05327								
55.0628784 60	- 0.5410 39553	0.06	0.01	-0.70	0.39	0.39	0.68	365000 0	360000 0
55.4758546 70	7.2964 65343	-0.19	-0.37	-1.25	0.38	0.38	0.67	415000 0	360000 0
55.4902531 50	8.0865 43763	-0.23	-0.43	-1.05	0.29	0.29	0.53	420000 0	360000 0
55.4997234 90	8.8770 62584	-0.24	-0.48	-0.80	0.27	0.27	0.47	425000 0	360000 0
55.5042621 60	9.6678 40104	-0.21	-0.49	-0.43	0.25	0.25	0.41	430000 0	360000 0
55.5038674 70	10.458 694180	-0.26	-0.42	-0.06	0.34	0.34	0.57	435000 0	360000 0
55.4985395 70	11.249 442540	-0.30	-0.35	-0.11	0.34	0.34	0.57	440000 0	360000 0
55.4882804 50	12.039 903090	-0.35	-0.33	-0.10	0.32	0.32	0.55	445000 0	360000 0
55.4730939 10	12.829 894230	-0.39	-0.32	-0.02	0.21	0.21	0.41	450000 0	360000 0
55.4529855 90	13.619 235150	-0.43	-0.41	0.05	0.25	0.25	0.48	455000 0	360000 0
55.4279629 20	14.407 746150	-0.41	-0.42	0.26	0.22	0.22	0.42	460000 0	360000 0
55.3980351 60	15.195 248920	-0.39	-0.41	0.34	0.30	0.30	0.52	465000 0	360000 0
55.3632133 10	15.981 566840	-0.39	-0.40	0.19	0.38	0.37	0.65	470000 0	360000 0
55.2789401 20	17.549 951900	-0.17	-0.30	-0.06	0.38	0.38	0.68	480000 0	360000 0
55.2295194 40	18.331 676830	-0.15	-0.20	-0.23	0.36	0.36	0.65	485000 0	360000 0
55.1752659 30	19.111 533020	-0.27	-0.25	-0.46	0.37	0.37	0.67	490000 0	360000 0
55.1161990 60	19.889 356460	-0.34	-0.35	-0.64	0.38	0.38	0.68	495000 0	360000 0
55.0523398 60	20.664 986420	-0.34	-0.33	-0.69	0.36	0.36	0.64	500000 0	360000 0
54.9837109 00	21.438 265670	-0.31	-0.26	-0.72	0.34	0.33	0.59	505000 0	360000 0
54.9103362 80	22.209 040670	-0.33	-0.19	-0.84	0.33	0.33	0.56	510000 0	360000 0
54.8322414 90	22.977 161830	-0.37	-0.18	-0.92	0.25	0.25	0.43	515000 0	360000 0
54.7494534 60	23.742 483630	-0.36	-0.34	-1.14	0.26	0.26	0.44	520000 0	360000 0
54.6620004 30	24.504 864810	-0.33	-0.40	-1.25	0.25	0.25	0.42	525000 0	360000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
54.5699119 60	25.264 168550	-0.33	-0.47	-1.35	0.21	0.21	0.36	530000 0	360000 0
54.4732188 20	26.020 262560	-0.03	-0.14	-0.59	0.32	0.32	0.54	535000 0	360000 0
54.3719529 70	26.773 019260	-0.01	-0.11	-0.54	0.36	0.36	0.61	540000 0	360000 0
53.2635241 10	- 10.878 133020	0.11	-0.11	-0.63	0.43	0.43	0.79	295000 0	355000 0
53.3893397 70	- 10.153 688760	0.19	-0.18	-0.66	0.39	0.39	0.68	300000 0	355000 0
53.5108302 40	- 9.4254 02053	0.33	-0.29	-0.69	0.29	0.30	0.49	305000 0	355000 0
53.6279592 40	- 8.6933 69109	0.48	-0.34	-0.51	0.30	0.31	0.50	310000 0	355000 0
53.7406912 90	- 7.9576 90964	0.62	-0.39	-0.24	0.27	0.30	0.50	315000 0	355000 0
53.8489918 00	- 7.2184 73453	0.41	-0.37	-0.22	0.26	0.28	0.46	320000 0	355000 0
53.9528271 00	- 6.4758 27152	0.17	-0.26	-0.25	0.29	0.30	0.49	325000 0	355000 0
54.0521644 80	- 5.7298 67314	0.12	-0.16	-0.29	0.32	0.33	0.56	330000 0	355000 0
54.1469723 00	- 4.9807 13788	0.12	-0.08	-0.20	0.31	0.32	0.56	335000 0	355000 0
54.2372200 10	- 4.2284 90924	0.06	-0.07	-0.07	0.28	0.29	0.55	340000 0	355000 0
54.3228781 90	- 3.4733 27466	-0.02	-0.07	-0.08	0.29	0.32	0.54	345000 0	355000 0
54.4039186 30	- 2.7153 56432	0.00	0.02	-0.38	0.30	0.31	0.52	350000 0	355000 0
54.4803144 00	- 1.9547 14974	0.05	0.07	-0.67	0.24	0.26	0.42	355000 0	355000 0
54.5520398 40	- 1.1915 44229	0.07	0.04	-0.74	0.31	0.32	0.53	360000 0	355000 0
54.6190706 80	- 0.4259 89160	0.04	0.03	-0.81	0.38	0.38	0.66	365000 0	355000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
54.6813840 10	0.3418 01629	0.01	0.03	-0.87	0.41	0.42	0.75	370000 0	355000 0
55.0411030 80	8.1077 89552	-0.08	-0.47	-1.47	0.27	0.28	0.53	420000 0	355000 0
55.0504535 60	8.8895 35731	-0.15	-0.60	-1.31	0.26	0.26	0.47	425000 0	355000 0
55.0549347 60	9.6715 30282	-0.20	-0.49	-0.64	0.26	0.26	0.46	430000 0	355000 0
55.0545450 70	10.453 598330	-0.23	-0.38	-0.25	0.31	0.31	0.53	435000 0	355000 0
55.0492846 30	11.235 564890	-0.28	-0.36	-0.28	0.35	0.35	0.59	440000 0	355000 0
55.0391553 30	12.017 255120	-0.32	-0.34	-0.38	0.34	0.34	0.58	445000 0	355000 0
55.0241608 40	12.798 494670	-0.36	-0.34	-0.49	0.32	0.32	0.56	450000 0	355000 0
55.0043065 50	13.579 109910	-0.38	-0.36	-0.44	0.31	0.31	0.55	455000 0	355000 0
54.9795995 90	14.358 928240	-0.37	-0.42	-0.24	0.31	0.31	0.54	460000 0	355000 0
54.9500488 30	15.137 778390	-0.36	-0.47	-0.11	0.33	0.33	0.58	465000 0	355000 0
54.9156648 30	15.915 490660	-0.34	-0.51	-0.19	0.37	0.37	0.64	470000 0	355000 0
54.8764598 20	16.691 897220	-0.22	-0.50	-0.29	0.36	0.35	0.63	475000 0	355000 0
54.8324477 00	17.466 832340	0.04	-0.40	-0.36	0.28	0.27	0.54	480000 0	355000 0
54.7836439 80	18.240 132680	-0.01	-0.16	-0.56	0.20	0.19	0.44	485000 0	355000 0
54.7300657 90	19.011 637490	-0.28	-0.29	-0.94	0.29	0.29	0.54	490000 0	355000 0
54.6717317 90	19.781 188910	-0.40	-0.53	-1.20	0.33	0.33	0.61	495000 0	355000 0
54.6086621 80	20.548 632120	-0.39	-0.53	-1.22	0.35	0.34	0.62	500000 0	355000 0
54.5408786 40	21.313 815590	-0.32	-0.42	-1.15	0.34	0.33	0.60	505000 0	355000 0
54.4684042 70	22.076 591290	-0.02	-0.03	-0.26	0.32	0.32	0.56	510000 0	355000 0
54.3912636 00	22.836 814860	-0.08	-0.08	-0.44	0.24	0.24	0.43	515000 0	355000 0
54.3094824 70	23.594 345800	-0.15	-0.27	-0.80	0.26	0.26	0.44	520000 0	355000 0
54.2230880 40	24.349 047590	-0.15	-0.28	-1.01	0.24	0.24	0.40	525000 0	355000 0
54.1321087 10	25.100 787900	-0.20	-0.26	-1.02	0.24	0.24	0.41	530000 0	355000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
54.0365740 80	25.849 438670	-0.17	-0.21	-0.88	0.31	0.31	0.52	535000 0	355000 0
53.9365148 70	26.594 876280	-0.13	-0.16	-0.70	0.36	0.36	0.61	540000 0	355000 0
52.8354928 00	- 10.665 131900	0.10	-0.09	-0.59	0.43	0.43	0.79	295000 0	350000 0
52.9598810 80	- 9.9470 92905	0.17	-0.14	-0.64	0.39	0.39	0.69	300000 0	350000 0
53.0799840 20	- 9.2253 47028	0.29	-0.17	-0.79	0.28	0.30	0.50	305000 0	350000 0
53.1957666 40	- 8.4999 88150	0.34	-0.22	-0.66	0.31	0.32	0.53	310000 0	350000 0
53.3071947 50	- 7.7711 14731	0.33	-0.25	-0.50	0.35	0.36	0.61	315000 0	350000 0
53.4142350 20	- 7.0388 29772	0.21	-0.18	-0.56	0.33	0.33	0.55	320000 0	350000 0
53.5168550 20	- 6.3032 40756	0.05	-0.05	-0.69	0.21	0.22	0.37	325000 0	350000 0
53.6150232 70	- 5.5644 59585	0.09	-0.05	-0.61	0.33	0.33	0.56	330000 0	350000 0
53.7087093 10	- 4.8226 02499	0.15	-0.02	-0.51	0.31	0.32	0.56	335000 0	350000 0
53.7978837 40	- 4.0777 89987	0.13	-0.04	-0.47	0.32	0.33	0.58	340000 0	350000 0
53.8825182 60	- 3.3301 46680	0.05	-0.04	-0.50	0.34	0.35	0.59	345000 0	350000 0
53.9625857 70	- 2.5798 01235	-0.03	0.05	-0.62	0.29	0.30	0.50	350000 0	350000 0
54.0380603 60	- 1.8268 86203	-0.02	0.14	-0.75	0.26	0.27	0.45	355000 0	350000 0
54.1089173 70	- 1.0715 37887	0.06	0.06	-0.80	0.21	0.24	0.39	360000 0	350000 0
54.1751334 70	- 0.3138 96185	0.02	0.04	-0.96	0.33	0.34	0.57	365000 0	350000 0
54.2366866 70	0.4458 95575	-0.04	0.06	-1.02	0.39	0.39	0.68	370000 0	350000 0

#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
54.5779263 30	7.3556 79016	-0.08	-0.34	-1.80	0.35	0.35	0.63	415000 0	350000 0
54.5919655 20	8.1284 76840	-0.06	-0.55	-1.67	0.27	0.28	0.52	420000 0	350000 0
54.6011993 80	8.9016 80825	-0.13	-0.69	-1.64	0.26	0.26	0.48	425000 0	350000 0
54.6056246 70	9.6751 23382	-0.21	-0.53	-1.12	0.28	0.28	0.49	430000 0	350000 0
54.6052398 50	10.448 636540	-0.23	-0.38	-0.69	0.28	0.28	0.50	435000 0	350000 0
54.6000450 30	11.222 052210	-0.26	-0.36	-0.59	0.26	0.26	0.47	440000 0	350000 0
54.5900420 60	11.995 202450	-0.33	-0.42	-0.81	0.23	0.23	0.43	445000 0	350000 0
54.5752344 30	12.767 919780	-0.36	-0.40	-1.06	0.29	0.29	0.52	450000 0	350000 0
54.5556273 20	13.540 037380	-0.38	-0.37	-1.05	0.21	0.21	0.44	455000 0	350000 0
54.5312275 80	14.311 389420	-0.42	-0.47	-0.81	0.32	0.32	0.56	460000 0	350000 0
54.5020437 00	15.081 811300	-0.43	-0.57	-0.61	0.34	0.34	0.61	465000 0	350000 0
54.4680858 20	15.851 139880	0.01	-0.34	-0.01	0.32	0.31	0.58	470000 0	350000 0
54.4293656 70	16.619 213800	0.09	-0.33	-0.11	0.29	0.29	0.53	475000 0	350000 0
54.3858966 00	17.385 873650	0.14	-0.27	-0.27	0.24	0.24	0.46	480000 0	350000 0
54.3376934 90	18.150 962260	-0.01	-0.14	-0.48	0.23	0.23	0.43	485000 0	350000 0
54.2847727 70	18.914 324920	-0.10	-0.20	-0.71	0.25	0.24	0.45	490000 0	350000 0
54.2271523 70	19.675 809590	-0.14	-0.37	-0.86	0.26	0.26	0.50	495000 0	350000 0
54.1648516 80	20.435 267110	-0.11	-0.36	-0.76	0.27	0.26	0.51	500000 0	350000 0
54.0978915 20	21.192 551410	-0.05	-0.19	-0.54	0.26	0.25	0.50	505000 0	350000 0
54.0262941 00	21.947 519710	-0.07	-0.15	-0.55	0.27	0.26	0.50	510000 0	350000 0
53.9500829 60	22.700 032670	-0.17	-0.34	-0.80	0.26	0.26	0.47	515000 0	350000 0
53.8692829 50	23.449 954580	-0.21	-0.42	-1.00	0.28	0.28	0.49	520000 0	350000 0
53.7839201 90	24.197 153510	-0.21	-0.35	-1.08	0.32	0.32	0.54	525000 0	350000 0
53.6940219 70	24.941 501420	-0.23	-0.27	-1.09	0.31	0.31	0.52	530000 0	350000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
53.5996167 70	25.682 874350	-0.20	-0.21	-0.97	0.34	0.34	0.59	535000 0	350000 0
52.2797328 70	- 11.165 278250	0.05	-0.05	-0.53	0.44	0.44	0.83	290000 0	345000 0
52.4069389 60	- 10.457 187440	0.08	-0.08	-0.48	0.43	0.43	0.79	295000 0	345000 0
52.5299333 90	- 9.7454 32180	0.11	-0.11	-0.45	0.39	0.40	0.70	300000 0	345000 0
52.6486816 90	- 9.0300 99714	0.11	-0.13	-0.46	0.30	0.32	0.53	305000 0	345000 0
52.7631501 30	- 8.3112 81635	0.11	-0.16	-0.48	0.26	0.28	0.47	310000 0	345000 0
52.8733057 50	- 7.5890 73879	0.14	-0.19	-0.50	0.35	0.36	0.60	315000 0	345000 0
52.9791164 40	- 6.8635 76677	0.09	-0.13	-0.68	0.33	0.34	0.56	320000 0	345000 0
53.0805509 30	- 6.1348 94504	0.04	-0.04	-0.88	0.29	0.30	0.49	325000 0	345000 0
53.1775789 20	- 5.4031 36008	0.09	-0.04	-0.88	0.33	0.33	0.55	330000 0	345000 0
53.2701710 90	- 4.6684 13939	0.19	0.02	-0.84	0.22	0.23	0.43	335000 0	345000 0
53.3582991 20	- 3.9308 45056	0.21	-0.06	-0.87	0.28	0.28	0.51	340000 0	345000 0
53.4419358 10	- 3.1905 50026	0.13	-0.10	-0.85	0.29	0.30	0.52	345000 0	345000 0
53.5210550 70	- 2.4476 53313	-0.03	0.01	-0.75	0.23	0.24	0.43	350000 0	345000 0
53.5956319 80	- 1.7022 83049	-0.07	0.13	-0.80	0.27	0.28	0.46	355000 0	345000 0
53.6656428 40	- 0.9545 70901	0.02	0.07	-0.97	0.28	0.29	0.48	360000 0	345000 0
53.7310652 30	- 0.2046 51920	-0.03	0.06	-1.17	0.23	0.25	0.41	365000 0	345000 0
53.7918780	0.5473	-0.11	0.11	-1.20	0.32	0.33	0.56	370000	345000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
10	35618							0	0
54.1103584 40	6.6201 91213	0.00	0.09	-1.41	0.30	0.30	0.57	410000 0	345000 0
54.1289668 30	7.3841 33619	0.01	-0.11	-1.10	0.30	0.30	0.54	415000 0	345000 0
54.1428335 60	8.1486 26801	0.06	-0.26	-0.72	0.25	0.25	0.46	420000 0	345000 0
54.1519539 20	8.9135 10311	0.04	-0.40	-0.95	0.25	0.25	0.48	425000 0	345000 0
54.1563247 90	9.6786 23089	0.01	-0.32	-0.77	0.30	0.30	0.54	430000 0	345000 0
54.1559447 00	10.443 803710	-0.02	-0.22	-0.63	0.29	0.29	0.53	435000 0	345000 0
54.1508137 60	11.208 890650	-0.03	-0.20	-0.74	0.28	0.28	0.51	440000 0	345000 0
54.1409337 40	11.973 722520	-0.07	-0.27	-0.99	0.22	0.22	0.42	445000 0	345000 0
54.1263079 90	12.738 138340	-0.10	-0.22	-0.93	0.26	0.26	0.48	450000 0	345000 0
54.1069414 80	13.501 977780	-0.14	-0.24	-0.74	0.25	0.25	0.46	455000 0	345000 0
54.0828407 80	14.265 081440	-0.15	-0.31	-0.45	0.26	0.26	0.48	460000 0	345000 0
54.0540140 50	15.027 291030	-0.11	-0.34	-0.19	0.28	0.27	0.53	465000 0	345000 0
54.0204710 10	15.788 449700	-0.08	-0.36	-0.12	0.28	0.27	0.53	470000 0	345000 0
53.9822229 30	16.548 402200	-0.11	-0.32	-0.30	0.27	0.27	0.50	475000 0	345000 0
53.9392826 10	17.306 995150	-0.20	-0.32	-0.56	0.27	0.27	0.49	480000 0	345000 0
53.8916643 50	18.064 077270	-0.29	-0.31	-0.74	0.26	0.26	0.46	485000 0	345000 0
53.8393839 30	18.819 499580	-0.24	-0.27	-0.85	0.24	0.24	0.45	490000 0	345000 0
53.7824585 60	19.573 115610	-0.15	-0.24	-0.92	0.26	0.26	0.48	495000 0	345000 0
53.7209068 80	20.324 781590	-0.15	-0.26	-0.89	0.24	0.23	0.44	500000 0	345000 0
53.6547488 80	21.074 356690	-0.12	-0.24	-0.79	0.27	0.27	0.48	505000 0	345000 0
53.5840059 10	21.821 703130	-0.10	-0.28	-0.81	0.29	0.28	0.51	510000 0	345000 0
53.5087006 00	22.566 686380	-0.15	-0.40	-0.93	0.25	0.25	0.47	515000 0	345000 0
53.4288568 50	23.309 175340	-0.19	-0.43	-0.94	0.24	0.24	0.45	520000 0	345000 0
53.3444997	24.049	-0.18	-0.33	-0.98	0.33	0.33	0.58	525000	345000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
60	042460							0	0
53.2556556 10	24.786 163860	-0.16	-0.26	-0.98	0.38	0.38	0.65	530000 0	345000 0
53.1623517 80	25.520 419500	-0.14	-0.21	-0.91	0.39	0.39	0.68	535000 0	345000 0
51.8520665 30	- 10.956 185020	0.04	-0.05	-0.46	0.44	0.44	0.84	290000 0	340000 0
51.9778738 80	- 10.254 132840	0.06	-0.08	-0.35	0.43	0.43	0.79	295000 0	340000 0
52.0995069 40	- 9.5485 42347	0.08	-0.12	-0.18	0.39	0.39	0.69	300000 0	340000 0
52.2169324 50	- 8.8394 98736	0.08	-0.16	-0.02	0.31	0.33	0.55	305000 0	340000 0
52.3301178 80	- 8.1270 91359	0.07	-0.19	-0.13	0.32	0.33	0.55	310000 0	340000 0
52.4390314 50	- 7.4114 13680	0.06	-0.22	-0.35	0.30	0.32	0.53	315000 0	340000 0
52.5436421 80	- 6.6925 63229	0.04	-0.21	-0.58	0.28	0.29	0.49	320000 0	340000 0
52.6439199 70	- 5.9706 41551	0.04	-0.13	-0.84	0.35	0.36	0.60	325000 0	340000 0
52.7398356 00	- 5.2457 54143	0.09	-0.14	-1.05	0.32	0.32	0.54	330000 0	340000 0
52.8313608 50	- 4.5180 10374	0.14	-0.13	-1.19	0.25	0.25	0.43	335000 0	340000 0
52.9184684 50	- 3.7875 23404	0.13	-0.08	-1.20	0.29	0.30	0.51	340000 0	340000 0
53.0011322 10	- 3.0544 10080	0.10	-0.09	-1.15	0.29	0.29	0.51	345000 0	340000 0
53.0793270 30	- 2.3187 90830	-0.02	-0.04	-0.95	0.22	0.23	0.44	350000 0	340000 0
53.1530289 40	- 1.5807 89545	-0.12	0.00	-0.82	0.26	0.27	0.47	355000 0	340000 0
53.2222151 50	- 0.8405 33443	-0.03	0.00	-1.00	0.26	0.27	0.46	360000 0	340000 0
53.2868640	-	-0.04	0.12	-1.26	0.26	0.27	0.45	365000	340000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
80	0.0981 52933							0	0
53.3469554 30	0.6462 18543	-0.11	0.21	-1.33	0.29	0.31	0.51	370000 0	340000 0
53.4024701 80	1.3924 44665	-0.10	0.17	-1.25	0.36	0.37	0.64	375000 0	340000 0
53.5784300 10	4.3930 78531	-0.11	0.00	-1.31	0.37	0.37	0.66	395000 0	340000 0
53.6108241 50	5.1464 45039	-0.16	0.08	-1.63	0.31	0.31	0.55	400000 0	340000 0
53.6385565 80	5.9007 98158	-0.04	0.10	-2.40	0.26	0.26	0.47	405000 0	340000 0
53.6616182 20	6.6559 86738	-0.08	-0.22	-2.94	0.23	0.23	0.43	410000 0	340000 0
53.6800014 80	7.4118 58355	-0.05	-0.34	-1.86	0.26	0.26	0.47	415000 0	340000 0
53.6937002 90	8.1682 59538	0.10	-0.25	-0.84	0.21	0.21	0.39	420000 0	340000 0
53.7027101 40	8.9250 36006	0.14	-0.32	-0.86	0.25	0.25	0.47	425000 0	340000 0
53.7070280 30	9.6820 32900	0.08	-0.43	-1.01	0.24	0.24	0.47	430000 0	340000 0
53.7066525 40	10.439 095020	0.00	-0.39	-1.04	0.28	0.28	0.52	435000 0	340000 0
53.7015838 00	11.196 067070	0.00	-0.27	-1.14	0.26	0.26	0.49	440000 0	340000 0
53.6918234 80	11.952 793890	-0.02	-0.20	-1.11	0.26	0.26	0.48	445000 0	340000 0
53.6773748 10	12.709 120690	-0.10	-0.19	-0.93	0.26	0.26	0.48	450000 0	340000 0
53.6582425 70	13.464 893310	-0.20	-0.27	-0.77	0.26	0.26	0.48	455000 0	340000 0
53.6344330 50	14.219 958430	-0.25	-0.31	-0.58	0.25	0.24	0.45	460000 0	340000 0
53.6059540 90	14.974 163810	-0.17	-0.24	-0.32	0.25	0.25	0.48	465000 0	340000 0
53.5728150 30	15.727 358530	-0.06	-0.19	-0.19	0.27	0.27	0.51	470000 0	340000 0
53.5350266 90	16.479 393200	-0.07	-0.29	-0.35	0.27	0.27	0.50	475000 0	340000 0
53.4926013 60	17.230 120160	-0.13	-0.35	-0.59	0.27	0.26	0.49	480000 0	340000 0
53.4455527 90	17.979 393750	-0.16	-0.32	-0.77	0.26	0.26	0.47	485000 0	340000 0
53.3938961 10	18.727 070450	-0.10	-0.18	-0.84	0.25	0.25	0.46	490000 0	340000 0
53.3376478 90	19.473 009100	-0.08	-0.10	-0.90	0.25	0.25	0.46	495000 0	340000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
53.2768260 10	20.217 071110	-0.11	-0.18	-0.89	0.24	0.24	0.45	500000 0	340000 0
53.2114497 20	20.959 120610	-0.08	-0.31	-0.89	0.26	0.26	0.48	505000 0	340000 0
53.1415395 10	21.699 024620	0.02	-0.35	-0.95	0.25	0.25	0.47	510000 0	340000 0
53.0671171 80	22.436 653240	0.05	-0.36	-0.97	0.26	0.26	0.48	515000 0	340000 0
52.9882056 80	23.171 879780	-0.03	-0.35	-0.89	0.25	0.24	0.45	520000 0	340000 0
52.9048291 90	23.904 580890	-0.11	-0.29	-0.89	0.32	0.31	0.56	525000 0	340000 0
52.8170129 80	24.634 636710	-0.10	-0.24	-0.90	0.38	0.38	0.67	530000 0	340000 0
52.7247834 10	25.361 930960	-0.08	-0.22	-0.85	0.39	0.39	0.68	535000 0	340000 0
51.4238673 90	- 10.751 933090	0.03	-0.05	-0.43	0.44	0.44	0.84	290000 0	335000 0
51.5483080 40	- 10.055 808430	0.05	-0.07	-0.28	0.43	0.43	0.79	295000 0	335000 0
51.6686112 00	- 9.3562 66243	0.07	-0.12	-0.04	0.38	0.39	0.69	300000 0	335000 0
51.7847447 80	- 8.6533 89745	0.10	-0.20	0.32	0.23	0.27	0.45	305000 0	335000 0
51.8966773 80	- 7.9472 66078	0.07	-0.20	0.06	0.33	0.34	0.57	310000 0	335000 0
52.0043783 30	- 7.2379 86283	0.04	-0.20	-0.29	0.35	0.36	0.60	315000 0	335000 0
52.1078177 80	- 6.5256 45259	0.01	-0.19	-0.56	0.34	0.35	0.59	320000 0	335000 0
52.2069667 00	- 5.8103 41704	0.00	-0.16	-0.81	0.36	0.37	0.62	325000 0	335000 0
52.3017969 50	- 5.0921 78056	0.03	-0.18	-1.05	0.32	0.32	0.54	330000 0	335000 0
52.3922813 20	- 4.3712 60418	0.05	-0.15	-1.26	0.26	0.27	0.45	335000 0	335000 0
52.4783935 60	- 3.6476 98469	0.00	-0.05	-1.35	0.25	0.27	0.44	340000 0	335000 0
52.5601084	-	0.04	-0.04	-1.37	0.29	0.30	0.51	345000	335000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
50	2.9216 05379							0	0
52.6374018 30	- 2.1930 97693	-0.01	-0.02	-1.19	0.27	0.27	0.49	350000	335000
52.7102506 20	- 1.4622 95225	-0.13	-0.08	-0.92	0.26	0.27	0.47	355000	335000
52.7786329 00	- 0.7293 20927	-0.13	-0.11	-0.96	0.27	0.28	0.47	360000	335000
52.8425279 20	0.0056 99243	-0.04	0.02	-1.20	0.27	0.28	0.46	365000	335000
52.9019161 50	0.7426 36466	-0.07	0.19	-1.32	0.25	0.26	0.43	370000	335000
52.9567792 90	1.4813 59215	-0.08	0.17	-1.26	0.29	0.30	0.53	375000	335000
53.0071003 50	2.2217 33422	0.00	0.03	-1.20	0.37	0.37	0.66	380000	335000
53.1306608 20	4.4513 89575	-0.04	-0.15	-1.40	0.30	0.30	0.53	395000	335000
53.1626701 70	5.1969 84185	-0.05	-0.07	-1.73	0.23	0.23	0.41	400000	335000
53.1900726 50	5.9435 28002	0.26	-0.07	-2.86	0.22	0.22	0.40	405000	335000
53.2128595 30	6.6908 75550	0.27	-0.53	-3.81	0.19	0.19	0.35	410000	335000
53.2310235 20	7.4388 80153	0.20	-0.54	-2.06	0.21	0.21	0.40	415000	335000
53.2445588 00	8.1873 94155	0.18	-0.32	-0.92	0.30	0.30	0.52	420000	335000
53.2534610 20	8.9362 69137	0.12	-0.31	-0.65	0.31	0.31	0.55	425000	335000
53.2577273 10	9.6853 56139	0.02	-0.44	-0.79	0.30	0.30	0.53	430000	335000
53.2573563 20	10.434 505880	-0.06	-0.49	-0.91	0.29	0.29	0.51	435000	335000
53.2523481 40	11.183 568980	-0.04	-0.31	-0.95	0.26	0.26	0.48	440000	335000
53.2427044 00	11.932 396210	-0.02	-0.11	-0.82	0.25	0.25	0.46	445000	335000
53.2284282 00	12.680 838660	-0.09	-0.10	-0.70	0.26	0.26	0.48	450000	335000
53.2095241 20	13.428 748040	-0.19	-0.23	-0.73	0.28	0.28	0.50	455000	335000
53.1859982 10	14.175 976810	-0.25	-0.28	-0.70	0.25	0.25	0.45	460000	335000
53.1578580 00	14.922 378500	-0.18	-0.22	-0.49	0.24	0.24	0.45	465000	335000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
53.1251124 60	15.667 807830	-0.08	-0.23	-0.29	0.28	0.27	0.50	470000 0	335000 0
53.0877719 90	16.412 120970	-0.01	-0.34	-0.32	0.26	0.26	0.48	475000 0	335000 0
53.0458483 90	17.155 175750	0.01	-0.34	-0.55	0.27	0.27	0.50	480000 0	335000 0
52.9993548 70	17.896 831830	0.04	-0.29	-0.78	0.25	0.25	0.47	485000 0	335000 0
52.9483059 90	18.636 950920	0.01	-0.18	-0.93	0.24	0.24	0.45	490000 0	335000 0
52.8927176 60	19.375 396930	-0.07	-0.18	-0.99	0.25	0.25	0.46	495000 0	335000 0
52.8326070 80	20.112 036190	-0.07	-0.29	-0.92	0.27	0.27	0.49	500000 0	335000 0
52.7679927 60	20.846 737600	0.00	-0.41	-0.86	0.25	0.25	0.46	505000 0	335000 0
52.6988944 10	21.579 372800	0.11	-0.34	-0.93	0.26	0.26	0.47	510000 0	335000 0
52.6253329 80	22.309 816280	0.14	-0.26	-0.97	0.26	0.26	0.48	515000 0	335000 0
52.5473305 80	23.037 945600	0.05	-0.28	-0.93	0.28	0.27	0.50	520000 0	335000 0
52.4649104 60	23.763 641460	-0.05	-0.29	-0.90	0.32	0.32	0.57	525000 0	335000 0
52.3780969 60	24.486 787830	-0.05	-0.25	-0.89	0.37	0.37	0.64	530000 0	335000 0
52.2869154 60	25.207 272110	-0.03	-0.22	-0.83	0.36	0.36	0.62	535000 0	335000 0
51.1182511 60	- 9.8620 61247	0.04	-0.06	-0.32	0.43	0.43	0.81	295000 0	330000 0
51.2372549 30	- 9.1684 53416	0.05	-0.10	-0.16	0.41	0.42	0.75	300000 0	330000 0
51.3521264 60	- 8.4716 25055	0.07	-0.14	-0.04	0.38	0.39	0.69	305000 0	330000 0
51.4628354 30	- 7.7716 61139	0.06	-0.15	-0.16	0.39	0.40	0.69	310000 0	330000 0
51.5693522 80	- 7.0686 50346	0.03	-0.15	-0.40	0.40	0.40	0.71	315000 0	330000 0
51.7696951 80	- 5.6538 61055	-0.06	-0.13	-0.80	0.34	0.35	0.59	325000 0	330000 0
51.8634661 20	- 4.9422 77963	-0.05	-0.12	-0.96	0.25	0.27	0.45	330000 0	330000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
51.9529347 80	- 4.2280 38671	0.07	-0.07	-1.16	0.25	0.26	0.45	335000 0	330000 0
52.0380758 90	- 3.5112 49504	-0.01	-0.11	-1.32	0.26	0.27	0.46	340000 0	330000 0
52.1188651 50	- 2.7920 20082	0.02	-0.10	-1.41	0.27	0.28	0.48	345000 0	330000 0
52.1952792 80	- 2.0704 63216	0.07	0.03	-1.38	0.21	0.22	0.42	350000 0	330000 0
52.2672960 80	- 1.3466 94802	-0.13	-0.01	-1.02	0.23	0.23	0.44	355000 0	330000 0
52.3348944 50	- 0.6208 33699	-0.23	-0.15	-0.99	0.23	0.23	0.42	360000 0	330000 0
52.3980544 10	0.1069 98400	-0.07	-0.14	-1.14	0.26	0.26	0.44	365000 0	330000 0
52.4567571 70	0.8366 77106	0.07	-0.08	-1.14	0.25	0.25	0.42	370000 0	330000 0
52.5109851 50	1.5680 75477	0.11	-0.07	-1.08	0.23	0.23	0.43	375000 0	330000 0
52.5607219 80	2.3010 64174	0.08	-0.10	-1.16	0.34	0.34	0.59	380000 0	330000 0
52.6466631 50	3.7712 84194	0.13	-0.19	-1.47	0.36	0.36	0.63	390000 0	330000 0
52.6828412 20	4.5082 46351	0.27	-0.32	-1.60	0.25	0.25	0.46	395000 0	330000 0
52.7144756 40	5.2462 60865	0.28	-0.30	-1.67	0.26	0.26	0.45	400000 0	330000 0
52.7415566 50	5.9851 88985	0.40	-0.16	-2.03	0.25	0.25	0.44	405000 0	330000 0
52.7640758 40	6.7248 90637	0.49	-0.26	-2.04	0.23	0.23	0.42	410000 0	330000 0
52.7820262 20	7.4652 24621	0.33	-0.37	-1.24	0.27	0.27	0.48	415000 0	330000 0
52.7954021 80	8.2060 48816	0.20	-0.27	-0.63	0.30	0.30	0.53	420000 0	330000 0
52.8041995 50	8.9472 20380	0.06	-0.22	-0.42	0.29	0.29	0.52	425000 0	330000 0
52.8084155 80	9.6885 95965	-0.08	-0.32	-0.52	0.31	0.31	0.54	430000 0	330000 0
52.8080489 50	10.430 031920	-0.14	-0.46	-0.64	0.30	0.30	0.53	435000 0	330000 0
52.8030997 80	11.171 384510	-0.08	-0.37	-0.69	0.30	0.30	0.53	440000 0	330000 0
52.7935696 10	11.912 510120	-0.04	-0.19	-0.66	0.29	0.29	0.52	445000 0	330000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
52.7794614 30	12.653 265460	-0.07	-0.16	-0.63	0.25	0.25	0.46	450000 0	330000 0
52.7607796 30	13.393 507800	-0.12	-0.26	-0.73	0.25	0.25	0.45	455000 0	330000 0
52.7375300 40	14.133 095150	-0.10	-0.29	-0.75	0.26	0.26	0.46	460000 0	330000 0
52.7097198 90	14.871 886470	-0.07	-0.28	-0.57	0.24	0.24	0.45	465000 0	330000 0
52.6773577 90	15.609 741900	-0.08	-0.29	-0.36	0.27	0.27	0.48	470000 0	330000 0
52.6404537 30	16.346 522900	-0.08	-0.30	-0.38	0.24	0.24	0.45	475000 0	330000 0
52.5990190 80	17.082 092510	0.00	-0.22	-0.65	0.26	0.26	0.47	480000 0	330000 0
52.5530665 30	17.816 315490	0.06	-0.22	-0.89	0.27	0.27	0.49	485000 0	330000 0
52.5026100 70	18.549 058520	0.00	-0.28	-1.05	0.27	0.27	0.49	490000 0	330000 0
52.4476649 90	19.280 190380	-0.04	-0.30	-1.07	0.26	0.26	0.48	495000 0	330000 0
52.3882478 60	20.009 582090	0.00	-0.32	-0.90	0.28	0.28	0.49	500000 0	330000 0
52.3243764 60	20.737 107120	0.03	-0.35	-0.76	0.22	0.22	0.40	505000 0	330000 0
52.2560697 80	21.462 641500	0.01	-0.21	-0.82	0.24	0.23	0.43	510000 0	330000 0
52.1833479 50	22.186 063980	-0.01	-0.12	-0.91	0.24	0.24	0.46	515000 0	330000 0
52.1062322 80	22.907 256160	-0.04	-0.29	-0.94	0.26	0.26	0.49	520000 0	330000 0
52.0247451 40	23.626 102640	-0.05	-0.37	-0.95	0.30	0.30	0.53	525000 0	330000 0
51.9389099 60	24.342 491110	-0.02	-0.29	-0.94	0.33	0.33	0.57	530000 0	330000 0
51.8487512 10	25.056 312470	0.02	-0.20	-0.90	0.30	0.30	0.50	535000 0	330000 0
51.7542943 10	25.767 460930	0.04	-0.37	-0.91	0.30	0.30	0.49	540000 0	330000 0
51.3321089 40	- 5.5010 71643	-0.01	-0.05	-0.89	0.35	0.36	0.62	325000 0	325000 0
51.4248457 90	- 4.7959 29889	0.04	0.04	-0.98	0.30	0.31	0.52	330000 0	325000 0
51.5133231 00	- 4.0882 25397	0.19	0.12	-1.11	0.25	0.26	0.46	335000 0	325000 0
51.5975164 90	- 3.3780	0.13	-0.12	-1.24	0.26	0.27	0.47	340000 0	325000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	61252								
51.6774025 60	- 2.6655 43653	0.09	-0.22	-1.26	0.26	0.27	0.50	345000 0	325000 0
51.7529589 00	- 1.9507 81819	0.07	-0.08	-1.24	0.27	0.28	0.50	350000 0	325000 0
51.8241641 10	- 1.2338 87879	-0.11	0.04	-1.16	0.24	0.25	0.45	355000 0	325000 0
51.8909978 80	- 0.5149 76762	-0.26	0.01	-1.19	0.25	0.25	0.45	360000 0	325000 0
51.9534409 80	0.2058 33929	-0.11	-0.09	-1.20	0.27	0.27	0.47	365000 0	325000 0
52.0114753 20	0.9284 24045	0.09	-0.27	-1.09	0.21	0.22	0.38	370000 0	325000 0
52.0650839 90	1.6526 71032	0.11	-0.24	-1.10	0.31	0.32	0.54	375000 0	325000 0
52.1142512 40	2.3784 50078	0.08	-0.23	-1.17	0.35	0.35	0.60	380000 0	325000 0
52.1589625 50	3.1056 34263	0.07	-0.21	-1.35	0.35	0.36	0.61	385000 0	325000 0
52.1992046 70	3.8340 94721	0.13	-0.20	-1.62	0.31	0.31	0.54	390000 0	325000 0
52.2349655 90	4.5637 00809	0.16	-0.39	-1.70	0.24	0.24	0.42	395000 0	325000 0
52.2662345 90	5.2943 20277	0.07	-0.46	-1.38	0.24	0.24	0.42	400000 0	325000 0
52.2930022 90	6.0258 19446	0.10	-0.19	-1.22	0.22	0.22	0.40	405000 0	325000 0
52.3152606 00	6.7580 63390	0.25	-0.23	-1.09	0.25	0.25	0.44	410000 0	325000 0
52.3330028 10	7.4909 16126	0.24	-0.36	-0.77	0.26	0.26	0.45	415000 0	325000 0
52.3462235 10	8.2242 40802	0.14	-0.26	-0.54	0.25	0.24	0.44	420000 0	325000 0
52.3549187 10	8.9578 99890	-0.03	-0.06	-0.54	0.26	0.25	0.45	425000 0	325000 0
52.3590857 70	9.6917 55384	-0.20	-0.16	-0.53	0.24	0.23	0.45	430000 0	325000 0
52.3587234 00	10.425 669000	-0.17	-0.42	-0.53	0.26	0.25	0.48	435000 0	325000 0
52.3538317 20	11.159 502350	-0.07	-0.40	-0.64	0.30	0.30	0.54	440000 0	325000 0
52.3444122 30	11.893 117200	0.00	-0.30	-0.71	0.30	0.30	0.55	445000 0	325000 0
52.3304677 70	12.626 375590	-0.03	-0.27	-0.72	0.24	0.24	0.46	450000 0	325000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
52.312002600	13.359140100	-0.05	-0.29	-0.67	0.24	0.24	0.43	4550000	3250000
52.289022290	14.091273990	0.05	-0.25	-0.57	0.23	0.22	0.43	4600000	3250000
52.261533810	14.822641440	0.08	-0.23	-0.42	0.26	0.26	0.47	4650000	3250000
52.229545430	15.553107720	0.00	-0.24	-0.37	0.24	0.24	0.44	4700000	3250000
52.193066770	16.282539350	-0.08	-0.20	-0.59	0.25	0.25	0.46	4750000	3250000
52.152108740	17.010804340	-0.01	-0.15	-0.86	0.24	0.24	0.45	4800000	3250000
52.106683550	17.737772320	0.11	-0.28	-0.95	0.26	0.26	0.48	4850000	3250000
52.056804670	18.463314710	0.11	-0.38	-0.97	0.25	0.25	0.48	4900000	3250000
52.002486810	19.187304930	0.10	-0.32	-0.96	0.27	0.27	0.49	4950000	3250000
51.943745890	19.909618510	0.14	-0.26	-0.85	0.25	0.25	0.45	5000000	3250000
51.880599040	20.630133280	0.12	-0.32	-0.73	0.25	0.25	0.44	5050000	3250000
51.813064520	21.348729480	-0.01	-0.33	-0.75	0.26	0.26	0.47	5100000	3250000
51.741161740	22.065289940	-0.12	-0.25	-0.77	0.28	0.27	0.50	5150000	3250000
51.664911180	22.779700150	-0.16	-0.32	-0.77	0.26	0.26	0.48	5200000	3250000
51.584334400	23.491848460	-0.12	-0.52	-0.91	0.20	0.20	0.40	5250000	3250000
51.499453980	24.201626120	0.00	-0.40	-1.03	0.28	0.28	0.47	5300000	3250000
51.410293490	24.908927420	0.12	-0.24	-1.02	0.25	0.25	0.42	5350000	3250000
51.316877440	25.613649780	0.14	-0.40	-1.02	0.26	0.26	0.43	5400000	3250000
50.894211070	-5.351851134	0.07	-0.04	-1.08	0.37	0.37	0.63	3250000	3200000
50.985938240	-4.653015357	0.15	0.10	-1.13	0.32	0.33	0.55	3300000	3200000
51.073447720	-3.951706208	0.21	0.18	-1.19	0.26	0.27	0.46	3350000	3200000
51.156716040	-3.248023644	0.08	-0.04	-1.20	0.25	0.27	0.47	3400000	3200000
51.2357206	-	0.01	-0.16	-1.10	0.28	0.29	0.52	3450000	3200000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
30	2.5420 70568							0	0
51.3104399 00	- 1.8339 52737	-0.01	-0.15	-1.10	0.25	0.27	0.47	350000	320000
51.3808532 30	- 1.1237 78664	-0.08	-0.17	-1.22	0.26	0.27	0.46	355000	320000
51.4469410 60	- 0.4116 59501	-0.18	-0.06	-1.29	0.24	0.24	0.44	360000	320000
51.5086848 70	0.3022 91069	-0.07	0.00	-1.25	0.24	0.24	0.43	365000	320000
51.5660672 60	1.0179 56964	0.07	-0.18	-1.20	0.26	0.26	0.45	370000	320000
51.6190719 10	1.7352 19829	0.07	-0.28	-1.22	0.31	0.31	0.53	375000	320000
51.6676837 10	2.4539 59181	0.02	-0.34	-1.20	0.31	0.32	0.54	380000	320000
51.7118886 60	3.1740 52547	-0.02	-0.30	-1.33	0.28	0.29	0.49	385000	320000
51.7516740 20	3.8953 75624	0.00	-0.18	-1.64	0.24	0.24	0.42	390000	320000
51.7870282 20	4.6178 02428	-0.09	-0.38	-1.59	0.22	0.22	0.39	395000	320000
51.8179409 80	5.3412 05464	-0.13	-0.46	-1.10	0.25	0.25	0.43	400000	320000
51.8444032 40	6.0654 55892	0.01	-0.28	-0.96	0.23	0.23	0.41	405000	320000
51.8664072 50	6.7904 23695	0.17	-0.32	-1.00	0.26	0.26	0.45	410000	320000
51.8839465 20	7.5159 77863	0.15	-0.43	-0.94	0.27	0.27	0.48	415000	320000
51.8970159 00	8.2419 86565	0.02	-0.29	-0.91	0.26	0.26	0.45	420000	320000
51.9056115 10	8.9683 17336	-0.13	-0.07	-0.87	0.25	0.24	0.44	425000	320000
51.9097308 20	9.6948 37259	-0.18	-0.11	-0.69	0.27	0.27	0.48	430000	320000
51.9093726 00	10.421 413150	-0.11	-0.29	-0.61	0.26	0.26	0.47	435000	320000
51.9045369 70	11.147 911760	-0.02	-0.31	-0.73	0.32	0.32	0.56	440000	320000
51.8952253 50	11.874 199920	0.00	-0.28	-0.75	0.31	0.31	0.56	445000	320000
51.8814405 00	12.600 144780	-0.09	-0.25	-0.63	0.29	0.29	0.52	450000	320000
51.8631864 80	13.325 613970	-0.16	-0.24	-0.43	0.26	0.26	0.48	455000	320000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
51.8404686 90	14.050 475780	-0.06	-0.21	-0.28	0.26	0.26	0.47	460000 0	320000 0
51.8132937 90	14.774 599330	0.07	-0.21	-0.24	0.25	0.25	0.45	465000 0	320000 0
51.7816697 60	15.497 854790	0.06	-0.24	-0.41	0.25	0.25	0.45	470000 0	320000 0
51.7456058 50	16.220 113530	0.02	-0.24	-0.80	0.24	0.24	0.45	475000 0	320000 0
51.7051125 50	16.941 248280	0.10	-0.27	-0.96	0.26	0.26	0.47	480000 0	320000 0
51.6602016 10	17.661 133310	0.20	-0.38	-0.81	0.24	0.24	0.45	485000 0	320000 0
51.6108859 90	18.379 644600	0.21	-0.37	-0.67	0.25	0.25	0.47	490000 0	320000 0
51.5571798 50	19.096 660000	0.21	-0.20	-0.74	0.25	0.25	0.47	495000 0	320000 0
51.4990985 10	19.812 059340	0.25	-0.16	-0.81	0.24	0.24	0.45	500000 0	320000 0
51.4366584 50	20.525 724620	0.19	-0.39	-0.71	0.27	0.27	0.48	505000 0	320000 0
51.3698772 70	21.237 540140	0.08	-0.63	-0.63	0.21	0.21	0.42	510000 0	320000 0
51.2987736 50	21.947 392620	-0.07	-0.43	-0.56	0.25	0.25	0.47	515000 0	320000 0
51.2233673 20	22.655 171310	-0.18	-0.33	-0.57	0.24	0.24	0.46	520000 0	320000 0
51.1436790 60	23.360 768140	-0.22	-0.44	-0.81	0.24	0.23	0.45	525000 0	320000 0
51.0597306 10	24.064 077800	-0.05	-0.45	-1.11	0.27	0.27	0.46	530000 0	320000 0
50.9715447 00	24.764 997850	0.16	-0.39	-1.15	0.27	0.27	0.45	535000 0	320000 0
50.8791449 40	25.463 428810	0.24	-0.45	-1.05	0.27	0.27	0.46	540000 0	320000 0
50.2620869 40	- 6.5838 68436	0.12	-0.11	-1.12	0.40	0.40	0.72	315000 0	315000 0
50.3611099 70	- 5.8962 62012	0.16	-0.14	-1.33	0.33	0.33	0.57	320000 0	315000 0
50.4560042 00	- 5.2060 82525	0.09	-0.13	-1.32	0.30	0.31	0.52	325000 0	315000 0
50.5467452 90	- 4.5134 21092	0.07	-0.13	-1.38	0.30	0.31	0.53	330000 0	315000 0
50.6333097 40	- 3.8183 71778	-0.02	-0.09	-1.43	0.27	0.27	0.47	335000 0	315000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
50.7156748 90	- 3.1210 31516	-0.11	-0.06	-1.33	0.25	0.27	0.46	340000 0	315000 0
50.7938189 90	- 2.4215 00034	-0.15	-0.10	-1.13	0.31	0.32	0.53	345000 0	315000 0
50.8677212 10	- 1.7198 79757	-0.19	-0.18	-1.08	0.25	0.27	0.44	350000 0	315000 0
50.9373617 10	- 1.0162 75717	-0.10	-0.43	-1.25	0.23	0.24	0.41	355000 0	315000 0
51.0027216 30	- 0.3107 95443	-0.03	-0.40	-1.16	0.26	0.26	0.45	360000 0	315000 0
51.0637831 30	0.3964 51147	0.07	-0.21	-1.05	0.23	0.24	0.40	365000 0	315000 0
51.1205294 50	1.1053 51867	0.12	-0.13	-1.25	0.27	0.28	0.47	370000 0	315000 0
51.1729448 80	1.8157 92386	0.08	-0.21	-1.41	0.28	0.28	0.48	375000 0	315000 0
51.2210148 60	2.5276 56362	-0.03	-0.36	-1.35	0.27	0.27	0.45	380000 0	315000 0
51.2647259 30	3.2408 25577	-0.11	-0.39	-1.29	0.22	0.23	0.38	385000 0	315000 0
51.3040658 00	3.9551 80086	-0.08	-0.30	-1.36	0.23	0.23	0.39	390000 0	315000 0
51.3390233 70	4.6705 98358	-0.07	-0.38	-1.10	0.23	0.23	0.40	395000 0	315000 0
51.3695887 20	5.3869 57440	0.01	-0.40	-0.65	0.24	0.24	0.42	400000 0	315000 0
51.3957531 50	6.1041 33106	0.19	-0.31	-0.64	0.23	0.23	0.41	405000 0	315000 0
51.4175091 90	6.8220 00025	0.24	-0.34	-0.83	0.26	0.26	0.46	410000 0	315000 0
51.4348506 00	7.5404 31929	0.12	-0.36	-0.86	0.26	0.26	0.46	415000 0	315000 0
51.4477724 30	8.2593 01775	-0.07	-0.27	-0.81	0.27	0.26	0.47	420000 0	315000 0
51.4562709 40	8.9784 81925	-0.16	-0.15	-0.76	0.27	0.27	0.48	425000 0	315000 0
51.4603437 00	9.6978 44314	-0.12	-0.17	-0.71	0.26	0.26	0.46	430000 0	315000 0
51.4599895 30	10.417 260630	0.00	-0.21	-0.79	0.22	0.22	0.41	435000 0	315000 0
51.4552085 40	11.136 602480	0.05	-0.20	-0.90	0.30	0.30	0.52	440000 0	315000 0
51.4460021 00	11.855 741570	-0.02	-0.22	-0.79	0.32	0.32	0.55	445000 0	315000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
51.4323728 60	12.574 549910	-0.15	-0.21	-0.54	0.27	0.27	0.51	450000 0	315000 0
51.4143247 40	13.292 899940	-0.26	-0.22	-0.27	0.26	0.26	0.49	455000 0	315000 0
51.3918629 00	14.010 664720	-0.19	-0.23	-0.16	0.28	0.28	0.50	460000 0	315000 0
51.3649938 00	14.727 718130	-0.06	-0.27	-0.17	0.27	0.27	0.48	465000 0	315000 0
51.3337250 80	15.443 935000	0.03	-0.28	-0.37	0.26	0.26	0.48	470000 0	315000 0
51.2980656 40	16.159 191300	0.08	-0.26	-0.73	0.26	0.26	0.48	475000 0	315000 0
51.2580256 00	16.873 364290	0.13	-0.27	-0.80	0.26	0.26	0.48	480000 0	315000 0
51.2136162 50	17.586 332680	0.13	-0.28	-0.52	0.27	0.27	0.49	485000 0	315000 0
51.1648500 60	18.297 976800	0.07	-0.16	-0.34	0.26	0.26	0.48	490000 0	315000 0
51.1117406 80	19.008 178720	0.07	-0.03	-0.53	0.28	0.28	0.51	495000 0	315000 0
51.0543028 50	19.716 822410	0.12	-0.08	-0.71	0.27	0.27	0.49	500000 0	315000 0
50.9925524 50	20.423 793870	0.08	-0.34	-0.60	0.29	0.28	0.51	505000 0	315000 0
50.9265064 10	21.128 981270	0.06	-0.53	-0.41	0.28	0.28	0.51	510000 0	315000 0
50.8561827 40	21.832 275070	0.05	-0.47	-0.35	0.29	0.29	0.52	515000 0	315000 0
50.7816004 50	22.533 568130	-0.05	-0.42	-0.46	0.29	0.29	0.53	520000 0	315000 0
50.7027795 70	23.232 755830	-0.21	-0.47	-0.78	0.25	0.25	0.48	525000 0	315000 0
50.6197410 40	23.929 736170	-0.14	-0.54	-1.15	0.25	0.25	0.45	530000 0	315000 0
50.5325067 90	24.624 409870	0.04	-0.53	-1.20	0.28	0.28	0.48	535000 0	315000 0
50.4410995 90	25.316 680430	0.13	-0.50	-1.04	0.32	0.32	0.53	540000 0	315000 0
49.8256169 70	- 6.4296 03498	0.16	-0.12	-1.29	0.40	0.40	0.71	315000 0	310000 0
49.9235988 80	- 5.7478 71610	0.25	-0.20	-1.64	0.29	0.29	0.50	320000 0	310000 0
50.0174905 20	- 5.0636 53859	0.18	-0.25	-1.67	0.26	0.26	0.47	325000 0	310000 0
50.1072684 20	- 4.3770	0.00	-0.30	-1.64	0.32	0.32	0.55	330000 0	310000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	38746								
50.1929098 70	- 3.6881 17568	-0.22	-0.38	-1.72	0.21	0.23	0.41	335000 0	310000 0
50.2743930 40	- 2.9969 84344	-0.17	-0.23	-1.47	0.33	0.34	0.57	340000 0	310000 0
50.3516969 50	- 2.3037 35736	-0.16	-0.20	-1.27	0.35	0.35	0.59	345000 0	310000 0
50.4248015 10	- 1.6084 70964	-0.15	-0.27	-1.22	0.31	0.32	0.54	350000 0	310000 0
50.4936876 00	- 0.9112 91710	-0.06	-0.38	-1.27	0.30	0.31	0.52	355000 0	310000 0
50.5583370 30	- 0.2123 02021	0.03	-0.36	-1.18	0.33	0.33	0.55	360000 0	310000 0
50.6187326 30	0.4883 91796	0.11	-0.25	-1.12	0.30	0.30	0.50	365000 0	310000 0
50.6748582 30	1.1906 81291	0.14	-0.05	-1.36	0.29	0.29	0.49	370000 0	310000 0
50.7266987 10	1.8944 55990	0.11	-0.01	-1.51	0.25	0.25	0.43	375000 0	310000 0
50.7742400 50	2.5996 03515	-0.02	-0.17	-1.30	0.26	0.26	0.43	380000 0	310000 0
50.8174692 80	3.3060 09720	-0.10	-0.29	-1.01	0.22	0.22	0.38	385000 0	310000 0
50.8563745 70	4.0135 58826	-0.06	-0.34	-0.88	0.24	0.24	0.40	390000 0	310000 0
50.8909452 30	4.7221 33561	-0.05	-0.40	-0.52	0.23	0.23	0.38	395000 0	310000 0
50.9211717 10	5.4316 15306	-0.03	-0.41	-0.11	0.23	0.23	0.38	400000 0	310000 0
50.9470456 40	6.1418 84246	0.08	-0.34	-0.10	0.24	0.24	0.42	405000 0	310000 0
50.9685598 20	6.8528 19521	0.13	-0.22	-0.25	0.25	0.25	0.44	410000 0	310000 0
50.9857082 60	7.5642 99386	0.01	-0.11	-0.28	0.24	0.24	0.43	415000 0	310000 0
50.9984861 80	8.2762 01370	-0.14	-0.06	-0.34	0.26	0.26	0.46	420000 0	310000 0
51.0068900 00	8.9884 02436	-0.15	-0.10	-0.50	0.24	0.24	0.45	425000 0	310000 0
51.0109173 60	9.7007 79148	0.01	-0.14	-0.75	0.27	0.27	0.47	430000 0	310000 0
51.0105671 40	10.413 207830	0.12	-0.15	-0.94	0.25	0.25	0.43	435000 0	310000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
51.0058394 40	11.125 564750	0.08	-0.17	-1.01	0.25	0.25	0.44	440000 0	310000 0
50.9967355 80	11.837 726250	-0.05	-0.27	-0.78	0.26	0.26	0.46	445000 0	310000 0
50.9832581 00	12.549 568950	-0.17	-0.28	-0.46	0.25	0.25	0.48	450000 0	310000 0
50.9654107 90	13.260 969890	-0.22	-0.23	-0.25	0.26	0.27	0.51	455000 0	310000 0
50.9431986 10	13.971 806710	-0.16	-0.22	-0.18	0.27	0.27	0.50	460000 0	310000 0
50.9166277 60	14.681 957800	-0.06	-0.26	-0.11	0.22	0.23	0.43	465000 0	310000 0
50.8857056 20	15.391 302440	0.03	-0.23	-0.18	0.26	0.26	0.48	470000 0	310000 0
50.8504407 50	16.099 721020	0.08	-0.17	-0.40	0.25	0.26	0.47	475000 0	310000 0
50.8108428 80	16.807 095100	0.07	-0.18	-0.44	0.26	0.26	0.47	480000 0	310000 0
50.7669228 80	17.513 307660	-0.05	-0.16	-0.21	0.28	0.28	0.50	485000 0	310000 0
50.7186927 90	18.218 243160	-0.16	-0.02	-0.10	0.26	0.25	0.48	490000 0	310000 0
50.6661657 10	18.921 787730	-0.12	0.07	-0.39	0.27	0.26	0.48	495000 0	310000 0
50.6093558 70	19.623 829290	-0.06	-0.02	-0.63	0.27	0.27	0.49	500000 0	310000 0
50.5482785 40	20.324 257680	-0.09	-0.24	-0.51	0.28	0.28	0.50	505000 0	310000 0
50.4829500 70	21.022 964780	-0.08	-0.36	-0.32	0.25	0.25	0.48	510000 0	310000 0
50.4133877 80	21.719 844650	0.05	-0.38	-0.28	0.26	0.25	0.49	515000 0	310000 0
50.3396100 10	22.414 793610	0.03	-0.43	-0.36	0.28	0.27	0.52	520000 0	310000 0
50.2616360 50	23.107 710360	-0.13	-0.56	-0.61	0.24	0.24	0.48	525000 0	310000 0
50.1794861 20	23.798 496080	-0.14	-0.60	-0.93	0.28	0.28	0.49	530000 0	310000 0
50.0931813 40	24.487 054540	-0.04	-0.59	-1.05	0.32	0.32	0.54	535000 0	310000 0
50.0027437 00	25.173 292140	-0.01	-0.59	-0.94	0.34	0.34	0.57	540000 0	310000 0
49.4857598 90	- 5.6028 34950	0.20	-0.18	-1.55	0.38	0.38	0.67	320000 0	305000 0
49.5786718 60	- 4.9244 57966	0.16	-0.24	-1.71	0.36	0.36	0.64	325000 0	305000 0
49.8328702	-	-0.11	-0.32	-1.54	0.37	0.37	0.63	340000	305000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
10	2.8757 85993							0	0
49.9093535 60	- 2.1886 85594	-0.08	-0.33	-1.35	0.33	0.34	0.57	345000 0	305000 0
49.9816792 10	- 1.4996 38507	-0.03	-0.33	-1.33	0.31	0.32	0.53	350000 0	305000 0
50.0498286 90	- 0.8087 43197	0.02	-0.28	-1.36	0.35	0.35	0.59	355000 0	305000 0
50.1137844 90	- 0.1161 00363	0.07	-0.21	-1.34	0.35	0.35	0.59	360000 0	305000 0
50.1735300 40	0.5781 87156	0.07	-0.18	-1.35	0.33	0.33	0.55	365000 0	305000 0
50.2290497 70	1.2740 14496	0.05	-0.09	-1.45	0.30	0.30	0.50	370000 0	305000 0
50.2803291 10	1.9712 74874	0.04	0.03	-1.43	0.26	0.26	0.45	375000 0	305000 0
50.3273545 30	2.6698 59715	-0.05	-0.04	-1.14	0.27	0.27	0.46	380000 0	305000 0
50.3701135 50	3.3696 58767	-0.12	-0.20	-0.86	0.27	0.27	0.46	385000 0	305000 0
50.4085947 90	4.0705 60240	-0.11	-0.33	-0.76	0.29	0.29	0.50	390000 0	305000 0
50.4427879 30	4.7724 50930	-0.14	-0.41	-0.47	0.25	0.25	0.42	395000 0	305000 0
50.4726837 90	5.4752 16364	-0.23	-0.45	-0.05	0.24	0.24	0.41	400000 0	305000 0
50.4982742 90	6.1787 40938	-0.21	-0.39	0.15	0.26	0.26	0.44	405000 0	305000 0
50.5195525 30	6.8829 08065	-0.12	-0.18	0.23	0.23	0.23	0.42	410000 0	305000 0
50.5365127 20	7.5876 00319	-0.12	0.03	0.18	0.26	0.26	0.46	415000 0	305000 0
50.5491502 50	8.2926 99591	-0.17	0.09	-0.09	0.24	0.24	0.43	420000 0	305000 0
50.5574616 90	8.9980 87238	-0.06	-0.02	-0.55	0.25	0.25	0.45	425000 0	305000 0
50.5614447 70	9.7036 44238	0.12	-0.09	-0.81	0.25	0.25	0.45	430000 0	305000 0
50.5610984 00	10.409 251350	0.10	-0.14	-0.79	0.26	0.26	0.46	435000 0	305000 0
50.5564226 80	11.114 789260	-0.06	-0.28	-0.68	0.23	0.22	0.41	440000 0	305000 0
50.5474188 80	11.820 138760	-0.22	-0.40	-0.47	0.24	0.24	0.43	445000 0	305000 0
50.5340894	12.525	-0.23	-0.28	-0.28	0.25	0.26	0.47	450000	305000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
60	180870							0	0
50.516438050	13.229797020	-0.14	-0.16	-0.30	0.29	0.29	0.53	4550000	3050000
50.494469430	13.933869210	-0.03	-0.14	-0.35	0.27	0.28	0.50	4600000	3050000
50.468189570	14.637280140	0.02	-0.18	-0.29	0.27	0.27	0.48	4650000	3050000
50.437605580	15.339913350	0.04	-0.17	-0.21	0.29	0.30	0.52	4700000	3050000
50.402725700	16.041653430	0.05	-0.14	-0.17	0.25	0.26	0.47	4750000	3050000
50.363559290	16.742386090	0.01	-0.21	-0.15	0.24	0.26	0.45	4800000	3050000
50.320116850	17.441998340	-0.12	-0.22	-0.01	0.24	0.24	0.44	4850000	3050000
50.272409940	18.140378630	-0.19	-0.07	-0.02	0.27	0.27	0.50	4900000	3050000
50.220451200	18.837416980	-0.14	-0.01	-0.27	0.28	0.28	0.51	4950000	3050000
50.164254330	19.533005070	-0.06	-0.12	-0.49	0.26	0.26	0.48	5000000	3050000
50.103834070	20.227036440	-0.13	-0.22	-0.51	0.24	0.24	0.45	5050000	3050000
50.039206150	20.919406520	-0.17	-0.23	-0.52	0.26	0.26	0.48	5100000	3050000
49.970387270	21.610012830	-0.04	-0.27	-0.52	0.27	0.26	0.50	5150000	3050000
49.897395130	22.298755000	-0.02	-0.36	-0.36	0.28	0.28	0.52	5200000	3050000
49.820248320	22.985534950	-0.13	-0.45	-0.34	0.28	0.28	0.52	5250000	3050000
49.738966340	23.670256920	-0.14	-0.53	-0.64	0.26	0.26	0.47	5300000	3050000
49.653569560	24.352827600	-0.03	-0.60	-0.92	0.29	0.29	0.50	5350000	3050000
49.470517300	25.711154530	-0.18	-0.69	-0.60	0.22	0.22	0.39	5450000	3050000
49.372906640	26.386737030	-0.41	-0.58	-0.49	0.29	0.29	0.49	5500000	3050000
49.271270760	27.059820880	-0.40	-0.67	-0.35	0.26	0.26	0.46	5550000	3050000
49.165633930	27.730326060	-0.21	-0.80	-0.17	0.24	0.24	0.42	5600000	3050000
49.056021070	28.398175340	-0.21	-0.61	-0.29	0.28	0.28	0.49	5650000	3050000
49.227466860	-4.113499498	0.07	-0.28	-1.87	0.36	0.36	0.62	3300000	3000000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
49.3113257 00	- 3.4364 54095	-0.02	-0.34	-1.81	0.36	0.36	0.61	335000 0	300000 0
49.3911057 90	- 2.7573 44486	-0.02	-0.36	-1.58	0.36	0.36	0.61	340000 0	300000 0
49.4667876 10	- 2.0762 61531	0.02	-0.39	-1.39	0.29	0.29	0.49	345000 0	300000 0
49.5383524 80	- 1.3932 98383	0.10	-0.37	-1.43	0.22	0.22	0.39	350000 0	300000 0
49.6057826 00	- 0.7085 50407	0.10	-0.17	-1.47	0.31	0.31	0.53	355000 0	300000 0
49.6690610 60	- 0.0221 15086	0.13	-0.05	-1.50	0.27	0.27	0.46	360000 0	300000 0
49.7281719 00	0.6659 08074	0.03	-0.15	-1.50	0.23	0.22	0.39	365000 0	300000 0
49.7831001 10	1.3554 17646	-0.09	-0.25	-1.53	0.22	0.22	0.38	370000 0	300000 0
49.8338316 30	2.0463 10392	-0.09	-0.15	-1.39	0.25	0.26	0.44	375000 0	300000 0
49.8803534 40	2.7384 81376	-0.11	-0.15	-1.14	0.27	0.27	0.47	380000 0	300000 0
49.9226535 10	3.4318 24080	-0.14	-0.25	-1.07	0.27	0.27	0.47	385000 0	300000 0
49.9607208 60	4.1262 30526	-0.11	-0.32	-1.03	0.26	0.26	0.45	390000 0	300000 0
49.9945455 60	4.8215 91407	-0.12	-0.35	-0.76	0.24	0.24	0.41	395000 0	300000 0
50.0241187 60	5.5177 96212	-0.26	-0.41	-0.27	0.26	0.26	0.44	400000 0	300000 0
50.0494326 90	6.2147 33365	-0.37	-0.40	0.12	0.23	0.23	0.42	405000 0	300000 0
50.0704806 80	6.9122 90358	-0.24	-0.19	0.31	0.26	0.25	0.45	410000 0	300000 0
50.0872571 70	7.6103 53894	-0.14	-0.06	0.17	0.26	0.25	0.46	415000 0	300000 0
50.0997577 20	8.3088 10028	-0.12	-0.09	-0.34	0.25	0.25	0.44	420000 0	300000 0
50.1079790 30	9.0075 44314	-0.05	-0.11	-0.75	0.25	0.25	0.44	425000 0	300000 0
50.1119189 00	9.7064 41947	0.01	-0.08	-0.73	0.26	0.26	0.48	430000 0	300000 0
50.1115762 90	10.405 387910	-0.07	-0.12	-0.53	0.31	0.31	0.53	435000 0	300000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
50.1069512 90	11.104 267140	-0.19	-0.21	-0.36	0.30	0.30	0.52	440000 0	300000 0
50.0980451 30	11.802 964620	-0.29	-0.21	-0.24	0.29	0.29	0.50	445000 0	300000 0
50.0848601 70	12.501 365620	-0.27	-0.09	-0.19	0.23	0.24	0.43	450000 0	300000 0
50.0673999 10	13.199 355750	-0.10	-0.04	-0.42	0.28	0.29	0.51	455000 0	300000 0
50.0456689 70	13.896 821170	0.01	-0.09	-0.62	0.27	0.28	0.49	460000 0	300000 0
50.0196730 80	14.593 648680	0.04	-0.17	-0.66	0.21	0.22	0.41	465000 0	300000 0
49.9894190 90	15.289 725930	0.01	-0.16	-0.47	0.29	0.30	0.53	470000 0	300000 0
49.9549149 50	15.984 941500	0.00	-0.20	-0.28	0.27	0.28	0.52	475000 0	300000 0
49.9161696 70	16.679 185060	-0.02	-0.31	-0.14	0.27	0.28	0.50	480000 0	300000 0
49.8731933 50	17.372 347510	-0.07	-0.26	-0.05	0.29	0.30	0.52	485000 0	300000 0
49.8259971 50	18.064 321090	-0.09	-0.13	-0.07	0.26	0.26	0.48	490000 0	300000 0
49.7745932 60	18.754 999540	-0.02	-0.10	-0.22	0.28	0.28	0.51	495000 0	300000 0
49.7189948 60	19.444 278180	0.04	-0.20	-0.31	0.26	0.26	0.48	500000 0	300000 0
49.6592161 70	20.132 054050	-0.04	-0.25	-0.37	0.25	0.25	0.45	505000 0	300000 0
49.5952723 40	20.818 226030	-0.13	-0.16	-0.65	0.25	0.25	0.46	510000 0	300000 0
49.5271795 00	21.502 694930	-0.09	-0.12	-0.72	0.27	0.26	0.49	515000 0	300000 0
49.4549547 00	22.185 363600	-0.13	-0.18	-0.37	0.25	0.25	0.47	520000 0	300000 0
49.3786158 80	22.866 137020	-0.22	-0.26	-0.20	0.27	0.27	0.49	525000 0	300000 0
49.2981818 60	23.544 922400	-0.20	-0.37	-0.51	0.25	0.25	0.46	530000 0	300000 0
49.2136722 90	24.221 629260	0.03	-0.56	-1.02	0.26	0.26	0.46	535000 0	300000 0
49.1251076 50	24.896 169500	0.16	-0.70	-1.17	0.28	0.28	0.48	540000 0	300000 0
49.0325092 00	25.568 457480	-0.12	-0.65	-0.78	0.31	0.31	0.51	545000 0	300000 0
48.9358989 60	26.238 410100	-0.46	-0.58	-0.42	0.26	0.26	0.46	550000 0	300000 0
48.8352996 70	26.905 946840	-0.45	-0.70	-0.31	0.32	0.32	0.56	555000 0	300000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
48.7307347 60	27.570 989800	-0.40	-0.82	-0.18	0.31	0.31	0.55	560000 0	300000 0
48.6222283 20	28.233 463800	-0.30	-0.75	-0.21	0.30	0.30	0.52	565000 0	300000 0
48.5098050 70	28.893 296360	-0.32	-0.61	-0.27	0.27	0.27	0.47	570000 0	300000 0
48.6091063 50	- 5.3224 03980	0.24	-0.13	-1.27	0.36	0.36	0.63	320000 0	295000 0
48.7001248 90	- 4.6553 58280	0.29	-0.18	-1.58	0.28	0.28	0.48	325000 0	295000 0
48.7871433 20	- 3.9861 48273	0.12	-0.26	-2.08	0.24	0.24	0.42	330000 0	295000 0
48.8701412 10	- 3.3148 57490	-0.02	-0.40	-1.91	0.21	0.22	0.39	335000 0	295000 0
48.9490989 30	- 2.6415 71787	0.04	-0.36	-1.53	0.31	0.32	0.53	340000 0	295000 0
49.0239976 30	- 1.9663 79271	0.12	-0.29	-1.38	0.30	0.30	0.51	345000 0	295000 0
49.0948192 80	- 1.2893 70230	0.14	-0.21	-1.41	0.23	0.24	0.41	350000 0	295000 0
49.1615467 10	- 0.6106 37046	0.10	-0.03	-1.42	0.23	0.23	0.41	355000 0	295000 0
49.2241636 10	0.0697 25892	0.10	0.00	-1.44	0.24	0.24	0.41	360000 0	295000 0
49.2826545 80	0.7516 22276	0.00	-0.13	-1.52	0.23	0.23	0.39	365000 0	295000 0
49.3370051 40	1.4349 53983	-0.11	-0.23	-1.51	0.24	0.24	0.41	370000 0	295000 0
49.3872017 60	2.1196 21173	-0.09	-0.22	-1.33	0.22	0.22	0.39	375000 0	295000 0
49.4332318 50	2.8055 22400	-0.06	-0.23	-1.27	0.26	0.26	0.45	380000 0	295000 0
49.4750838 40	3.4925 54721	-0.08	-0.23	-1.35	0.25	0.25	0.44	385000 0	295000 0
49.5127471 40	4.1806 13813	-0.03	-0.18	-1.28	0.25	0.25	0.44	390000 0	295000 0
49.5462121 70	4.8695 94095	-0.05	-0.18	-0.87	0.26	0.26	0.45	395000 0	295000 0
49.5754704 10	5.5593 88848	-0.20	-0.24	-0.34	0.24	0.24	0.42	400000 0	295000 0
49.6005143 70	6.2498 90346	-0.34	-0.21	0.02	0.23	0.23	0.41	405000 0	295000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
49.6213376 30	6.9409 89983	-0.26	-0.08	0.07	0.24	0.24	0.43	410000 0	295000 0
49.6379348 20	7.6325 78408	-0.13	-0.09	-0.16	0.25	0.25	0.46	415000 0	295000 0
49.6503016 80	8.3245 45656	-0.09	-0.19	-0.63	0.25	0.25	0.45	420000 0	295000 0
49.6584350 10	9.0167 81289	-0.07	-0.16	-0.85	0.27	0.27	0.48	425000 0	295000 0
49.6623327 00	9.7091 74531	-0.09	-0.07	-0.64	0.25	0.25	0.46	430000 0	295000 0
49.6619937 60	10.401 614410	-0.16	-0.07	-0.42	0.28	0.28	0.51	435000 0	295000 0
49.6574182 70	11.093 989890	-0.25	-0.07	-0.27	0.28	0.28	0.51	440000 0	295000 0
49.6486074 10	11.786 190010	-0.24	0.03	-0.25	0.30	0.30	0.53	445000 0	295000 0
49.6355634 50	12.478 104060	-0.19	0.12	-0.28	0.27	0.27	0.48	450000 0	295000 0
49.6182897 70	13.169 621650	-0.06	0.05	-0.47	0.26	0.27	0.47	455000 0	295000 0
49.5967908 10	13.860 632920	0.01	-0.08	-0.72	0.28	0.29	0.49	460000 0	295000 0
49.5710721 10	14.551 028620	0.02	-0.10	-0.83	0.28	0.29	0.49	465000 0	295000 0
49.5411402 50	15.240 700270	-0.02	-0.10	-0.71	0.28	0.29	0.51	470000 0	295000 0
49.5070029 00	15.929 540300	-0.07	-0.21	-0.50	0.25	0.26	0.50	475000 0	295000 0
49.4686687 40	16.617 442180	-0.07	-0.32	-0.29	0.29	0.29	0.54	480000 0	295000 0
49.4261475 20	17.304 300500	-0.04	-0.25	-0.19	0.28	0.28	0.52	485000 0	295000 0
49.3794499 80	17.990 011160	0.00	-0.12	-0.24	0.25	0.25	0.47	490000 0	295000 0
49.3285878 60	18.674 471450	0.02	-0.10	-0.36	0.25	0.25	0.44	495000 0	295000 0
49.2735739 00	19.357 580170	0.01	-0.17	-0.31	0.27	0.27	0.46	500000 0	295000 0
49.2144217 80	20.039 237750	-0.04	-0.15	-0.32	0.24	0.24	0.42	505000 0	295000 0
49.1511461 30	20.719 346350	-0.09	-0.04	-0.64	0.27	0.27	0.47	510000 0	295000 0
49.0837625 10	21.397 809960	-0.11	0.01	-0.76	0.25	0.25	0.43	515000 0	295000 0
49.0122873 60	22.074 534520	-0.24	0.03	-0.45	0.23	0.23	0.41	520000 0	295000 0
48.9367379 80	22.749 427950	-0.30	-0.11	-0.42	0.30	0.30	0.51	525000 0	295000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
48.8571325 50	23.422 400330	-0.24	-0.28	-0.66	0.29	0.29	0.50	530000 0	295000 0
48.7734900 30	24.093 363900	0.06	-0.59	-1.15	0.27	0.27	0.46	535000 0	295000 0
48.6858301 90	24.762 233170	0.27	-0.83	-1.34	0.25	0.25	0.42	540000 0	295000 0
48.5941735 70	25.428 924990	0.06	-0.74	-0.99	0.28	0.28	0.48	545000 0	295000 0
48.4985414 30	26.093 358600	-0.23	-0.60	-0.69	0.26	0.26	0.46	550000 0	295000 0
48.3989557 40	26.755 455710	-0.48	-0.70	-0.49	0.32	0.32	0.57	555000 0	295000 0
48.2954391 40	27.415 140530	-0.71	-0.88	-0.31	0.26	0.26	0.54	560000 0	295000 0
48.1880149 10	28.072 339830	-0.45	-0.98	-0.24	0.26	0.26	0.48	565000 0	295000 0
48.0767069 60	28.726 982970	-0.42	-0.92	-0.27	0.30	0.30	0.51	570000 0	295000 0
47.9615397 70	29.379 001960	-0.66	-1.02	-0.37	0.26	0.26	0.43	575000 0	295000 0
48.1702949 20	- 5.1868 11029	0.23	-0.10	-1.15	0.35	0.35	0.61	320000 0	290000 0
48.2603983 80	- 4.5252 61924	0.32	-0.12	-1.32	0.23	0.23	0.39	325000 0	290000 0
48.3465381 40	- 3.8616 19875	0.16	-0.15	-1.65	0.23	0.23	0.40	330000 0	290000 0
48.4286945 00	- 3.1959 65991	0.02	-0.29	-1.51	0.25	0.25	0.43	335000 0	290000 0
48.5068484 90	- 2.5283 83590	0.06	-0.34	-1.21	0.23	0.24	0.40	340000 0	290000 0
48.5809819 00	- 1.8589 58130	0.14	-0.21	-1.19	0.20	0.20	0.36	345000 0	290000 0
48.6510773 40	- 1.1877 77133	0.03	-0.08	-1.11	0.24	0.24	0.41	350000 0	290000 0
48.7171182 30	- 0.5149 30111	0.01	-0.04	-0.99	0.25	0.25	0.43	355000 0	290000 0
48.7790888 40	0.1594 91523	0.08	-0.10	-1.12	0.26	0.26	0.44	360000 0	290000 0
48.8369743 00	0.8353 94537	0.06	-0.14	-1.37	0.23	0.23	0.39	365000 0	290000 0
48.8907606 50	1.5126 83979	-0.05	-0.08	-1.37	0.23	0.23	0.39	370000 0	290000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
48.9404348 40	2.1912 63270	-0.04	-0.12	-1.17	0.23	0.23	0.38	375000 0	290000 0
48.9859847 30	2.8710 34311	0.01	-0.18	-1.24	0.22	0.22	0.39	380000 0	290000 0
49.0273991 50	3.5518 97585	-0.02	-0.06	-1.32	0.27	0.27	0.46	385000 0	290000 0
49.0646678 90	4.2337 52271	-0.03	0.01	-1.13	0.28	0.28	0.49	390000 0	290000 0
49.0977817 40	4.9164 96355	-0.07	-0.03	-0.80	0.26	0.26	0.46	395000 0	290000 0
49.1267324 60	5.6000 26749	-0.20	-0.12	-0.55	0.25	0.25	0.44	400000 0	290000 0
49.1515128 50	6.2842 39411	-0.33	-0.09	-0.52	0.24	0.24	0.42	405000 0	290000 0
49.1721167 00	6.9690 29467	-0.27	0.04	-0.58	0.23	0.23	0.41	410000 0	290000 0
49.1885388 60	7.6542 91337	-0.14	0.01	-0.64	0.26	0.26	0.46	415000 0	290000 0
49.2007752 00	8.3399 18865	-0.05	-0.06	-0.81	0.24	0.24	0.44	420000 0	290000 0
49.2088226 40	9.0258 05442	0.02	-0.06	-0.93	0.25	0.25	0.46	425000 0	290000 0
49.2126791 70	9.7118 44144	0.01	-0.04	-0.83	0.26	0.26	0.48	430000 0	290000 0
49.2123438 10	10.397 927860	-0.05	-0.05	-0.66	0.31	0.31	0.55	435000 0	290000 0
49.2078166 40	11.083 949410	-0.12	-0.02	-0.48	0.33	0.33	0.57	440000 0	290000 0
49.1990988 10	11.769 801720	-0.14	0.08	-0.34	0.32	0.32	0.56	445000 0	290000 0
49.1861925 00	12.455 377900	-0.10	0.10	-0.23	0.26	0.26	0.47	450000 0	290000 0
49.1691009 70	13.140 571400	-0.05	-0.02	-0.24	0.22	0.22	0.40	455000 0	290000 0
49.1478285 00	13.825 276150	-0.04	-0.05	-0.47	0.26	0.27	0.47	460000 0	290000 0
49.1223804 20	14.509 386680	0.01	0.00	-0.70	0.24	0.25	0.43	465000 0	290000 0
49.0927630 80	15.192 798230	-0.03	0.01	-0.73	0.21	0.22	0.39	470000 0	290000 0
49.0589838 70	15.875 406910	-0.13	-0.18	-0.58	0.26	0.27	0.49	475000 0	290000 0
49.0210511 80	16.557 109800	-0.14	-0.27	-0.47	0.26	0.26	0.49	480000 0	290000 0
48.9789743 70	17.237 805060	-0.02	-0.19	-0.43	0.27	0.27	0.48	485000 0	290000 0
48.9327638 20	17.917 392070	0.07	-0.13	-0.49	0.29	0.29	0.50	490000 0	290000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
48.8824308 50	18.595 771540	0.05	-0.16	-0.59	0.26	0.26	0.45	495000 0	290000 0
48.8279877 30	19.272 845600	-0.02	-0.15	-0.59	0.24	0.24	0.41	500000 0	290000 0
48.7694476 80	19.948 517930	-0.07	0.01	-0.58	0.26	0.26	0.43	505000 0	290000 0
48.7068248 10	20.622 693850	-0.09	0.02	-0.80	0.29	0.29	0.49	510000 0	290000 0
48.6401341 10	21.295 280400	-0.16	-0.05	-0.92	0.22	0.22	0.38	515000 0	290000 0
48.5693914 60	21.966 186470	-0.36	-0.11	-0.76	0.23	0.23	0.41	520000 0	290000 0
48.4946135 70	22.635 322870	-0.42	-0.10	-0.74	0.23	0.23	0.42	525000 0	290000 0
48.4158179 60	23.302 602400	-0.28	-0.28	-0.87	0.33	0.33	0.55	530000 0	290000 0
48.3330229 60	23.967 939930	-0.11	-0.58	-1.02	0.33	0.33	0.54	535000 0	290000 0
48.2462476 60	24.631 252500	0.07	-0.88	-1.09	0.27	0.27	0.46	540000 0	290000 0
48.1555118 90	25.292 459360	0.14	-0.91	-1.00	0.26	0.26	0.45	545000 0	290000 0
48.0608361 90	25.951 482030	-0.02	-0.71	-0.89	0.27	0.27	0.47	550000 0	290000 0
47.9622418 00	26.608 244380	-0.28	-0.64	-0.75	0.28	0.28	0.50	555000 0	290000 0
47.8597505 90	27.262 672670	-0.49	-0.66	-0.52	0.29	0.29	0.53	560000 0	290000 0
47.7533850 80	27.914 695560	-0.38	-0.72	-0.37	0.31	0.31	0.54	565000 0	290000 0
47.6431683 80	28.564 244220	-0.32	-0.84	-0.33	0.25	0.25	0.44	570000 0	290000 0
47.5291241 70	29.211 252320	-0.39	-0.81	-0.49	0.31	0.31	0.51	575000 0	290000 0
47.4112766 70	29.855 656040	-0.32	-0.65	-0.67	0.30	0.30	0.50	580000 0	290000 0
47.7311618 70	- 5.0541 74106	0.16	-0.08	-1.13	0.39	0.39	0.70	320000 0	285000 0
47.8203704 80	- 4.3980 12791	0.17	-0.09	-1.26	0.31	0.32	0.55	325000 0	285000 0
47.9056511 30	- 3.7398 26996	0.12	-0.10	-1.37	0.22	0.22	0.40	330000 0	285000 0
47.9869847 70	- 3.0796 95489	0.00	-0.21	-1.26	0.24	0.25	0.43	335000 0	285000 0
48.0643530	-	-0.04	-0.33	-1.08	0.26	0.26	0.44	340000	285000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
90	2.4176 99136							0	0
48.1377384 90	- 1.7539 20836	-0.03	-0.34	-1.06	0.23	0.24	0.41	345000 0	285000 0
48.2071241 90	- 1.0884 45448	-0.03	-0.22	-0.93	0.26	0.26	0.44	350000 0	285000 0
48.2724941 80	- 0.4213 59717	0.00	-0.14	-0.84	0.26	0.26	0.44	355000 0	285000 0
48.3338332 80	0.2472 47804	0.08	-0.15	-1.02	0.26	0.26	0.45	360000 0	285000 0
48.3911271 40	0.9172 86842	0.10	-0.13	-1.33	0.26	0.26	0.44	365000 0	285000 0
48.4443622 80	1.5886 65489	0.01	-0.09	-1.37	0.24	0.24	0.41	370000 0	285000 0
48.4935261 20	2.2612 90300	-0.03	-0.14	-1.16	0.23	0.23	0.39	375000 0	285000 0
48.5386069 30	2.9350 66384	-0.01	-0.11	-1.15	0.26	0.25	0.43	380000 0	285000 0
48.5795939 60	3.6098 97513	-0.04	0.05	-1.12	0.26	0.26	0.45	385000 0	285000 0
48.6164773 60	4.2856 86219	-0.08	0.10	-0.98	0.27	0.27	0.46	390000 0	285000 0
48.6492482 30	4.9623 33907	-0.15	-0.04	-0.85	0.26	0.27	0.46	395000 0	285000 0
48.6778986 30	5.6397 40964	-0.22	-0.15	-1.05	0.26	0.26	0.45	400000 0	285000 0
48.7024216 20	6.3178 06876	-0.24	-0.14	-1.38	0.25	0.25	0.43	405000 0	285000 0
48.7228112 20	6.9964 30339	-0.20	-0.06	-1.31	0.27	0.27	0.46	410000 0	285000 0
48.7390624 50	7.6755 09385	-0.12	-0.01	-1.05	0.21	0.21	0.37	415000 0	285000 0
48.7511713 50	8.3549 41497	0.01	0.01	-0.84	0.26	0.26	0.45	420000 0	285000 0
48.7591349 30	9.0346 23732	0.14	0.03	-0.89	0.26	0.25	0.47	425000 0	285000 0
48.7629512 60	9.7144 52847	0.16	-0.03	-0.95	0.28	0.28	0.51	430000 0	285000 0
48.7626194 00	10.394 325420	0.09	-0.06	-0.90	0.28	0.28	0.51	435000 0	285000 0
48.7581394 20	11.074 137980	0.03	-0.01	-0.70	0.32	0.32	0.57	440000 0	285000 0
48.7495124 20	11.753 787130	-0.03	0.03	-0.41	0.34	0.34	0.59	445000 0	285000 0
48.7367405 30	12.433 169660	-0.08	0.04	-0.15	0.31	0.31	0.53	450000 0	285000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
48.7198268 70	13.112 182690	-0.14	0.06	-0.05	0.28	0.29	0.49	455000 0	285000 0
48.6987755 60	13.790 723780	-0.14	0.13	-0.14	0.26	0.26	0.45	460000 0	285000 0
48.6735917 60	14.468 691060	-0.04	0.11	-0.33	0.25	0.26	0.44	465000 0	285000 0
48.6442815 90	15.145 983350	-0.03	-0.03	-0.55	0.27	0.28	0.47	470000 0	285000 0
48.6108521 60	15.822 500270	-0.12	-0.11	-0.68	0.27	0.27	0.48	475000 0	285000 0
48.5733115 60	16.498 142360	-0.11	-0.05	-0.76	0.26	0.27	0.48	480000 0	285000 0
48.5316688 40	17.172 811200	0.07	0.01	-0.72	0.23	0.23	0.40	485000 0	285000 0
48.4859339 90	17.846 409520	0.16	-0.07	-0.66	0.26	0.26	0.44	490000 0	285000 0
48.4361179 40	18.518 841280	0.09	-0.15	-0.70	0.28	0.28	0.47	495000 0	285000 0
48.3822325 30	19.190 011830	-0.01	-0.06	-0.82	0.26	0.27	0.45	500000 0	285000 0
48.3242905 00	19.859 827960	-0.05	0.17	-0.96	0.22	0.23	0.38	505000 0	285000 0
48.2623054 80	20.528 198020	-0.10	0.03	-1.12	0.27	0.27	0.46	510000 0	285000 0
48.1962919 30	21.195 032000	-0.23	-0.20	-1.18	0.29	0.29	0.49	515000 0	285000 0
48.1262651 80	21.860 241640	-0.41	-0.40	-1.18	0.26	0.26	0.44	520000 0	285000 0
48.0522413 60	22.523 740480	-0.42	-0.33	-1.18	0.26	0.26	0.44	525000 0	285000 0
47.9742374 00	23.185 443970	-0.36	-0.30	-1.07	0.29	0.29	0.49	530000 0	285000 0
47.8922709 80	23.845 269550	-0.40	-0.48	-0.85	0.30	0.30	0.50	535000 0	285000 0
47.8063605 60	24.503 136660	-0.43	-0.73	-0.63	0.26	0.26	0.43	540000 0	285000 0
47.7165252 90	25.158 966890	-0.17	-0.80	-0.84	0.28	0.28	0.47	545000 0	285000 0
47.6227850 20	25.812 683980	0.03	-0.77	-0.97	0.25	0.25	0.44	550000 0	285000 0
47.5251602 80	26.464 213880	-0.03	-0.56	-0.92	0.24	0.24	0.42	555000 0	285000 0
47.4236722 10	27.113 484830	-0.19	-0.39	-0.66	0.26	0.26	0.44	560000 0	285000 0
47.3183426 00	27.760 427380	-0.20	-0.33	-0.51	0.28	0.28	0.48	565000 0	285000 0
47.2091937 80	28.404 974420	-0.19	-0.52	-0.53	0.28	0.28	0.47	570000 0	285000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
47.0962486 90	29.047 061240	-0.23	-0.57	-0.63	0.26	0.26	0.43	575000 0	285000 0
46.9795307 30	29.686 625570	-0.29	-0.56	-0.79	0.25	0.25	0.42	580000 0	285000 0
39.4315760 30	- 31.900 404740	2.11	-11.96	-1.27	0.39	0.39	0.70	900000	280000 0
39.6724775 80	- 31.383 652210	3.08	-17.42	-1.44	0.32	0.32	0.55	950000	280000 0
39.9106471 20	- 30.863 785970	2.39	-13.56	-1.41	0.38	0.38	0.66	100000 0	280000 0
47.2917078 90	- 4.9244 03741	0.10	-0.08	-1.16	0.42	0.42	0.76	320000 0	280000 0
47.3800412 90	- 4.2735 24215	0.11	-0.11	-1.32	0.37	0.37	0.66	325000 0	280000 0
47.4644817 80	- 3.6206 85919	0.11	-0.19	-1.56	0.29	0.30	0.51	330000 0	280000 0
47.5450109 50	- 2.9659 65356	0.03	-0.25	-1.57	0.23	0.23	0.40	335000 0	280000 0
47.6216111 00	- 2.3094 41024	-0.05	-0.29	-1.28	0.28	0.28	0.47	340000 0	280000 0
47.6942652 50	- 1.6511 93351	-0.04	-0.37	-1.08	0.25	0.26	0.44	345000 0	280000 0
47.7629571 70	- 0.9913 04628	-0.01	-0.32	-1.00	0.24	0.24	0.42	350000 0	280000 0
47.8276714 20	- 0.3298 58937	-0.01	-0.19	-1.00	0.23	0.24	0.41	355000 0	280000 0
47.8883933 30	0.3330 57924	0.03	-0.14	-1.15	0.25	0.25	0.43	360000 0	280000 0
47.9451090 50	0.9973 58526	0.06	-0.12	-1.36	0.26	0.26	0.44	365000 0	280000 0
47.9978055 70	1.6629 53888	0.02	-0.17	-1.38	0.24	0.23	0.41	370000 0	280000 0
48.0464707 50	2.3297 53572	-0.04	-0.21	-1.23	0.26	0.26	0.44	375000 0	280000 0
48.0910932 70	2.9976 65769	-0.07	-0.16	-1.14	0.23	0.23	0.39	380000 0	280000 0
48.1316627 60	3.6665 97403	-0.09	-0.01	-1.01	0.25	0.25	0.44	385000 0	280000 0
48.1681697	4.3364	-0.11	0.00	-0.89	0.27	0.27	0.48	390000	280000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
10	54224							0	0
48.2006055 30	5.0071 40911	-0.14	-0.09	-0.96	0.26	0.27	0.46	395000 0	280000 0
48.2289625 90	5.6785 61183	-0.13	-0.14	-1.35	0.27	0.28	0.47	400000 0	280000 0
48.2532341 60	6.3506 17903	-0.09	-0.18	-1.76	0.24	0.24	0.42	405000 0	280000 0
48.2734145 00	7.0232 13187	-0.06	-0.20	-1.51	0.28	0.28	0.46	410000 0	280000 0
48.2894987 90	7.6962 48522	-0.03	-0.17	-1.05	0.25	0.25	0.42	415000 0	280000 0
48.3014832 00	8.3696 24874	0.05	-0.04	-0.63	0.25	0.25	0.44	420000 0	280000 0
48.3093648 90	9.0432 42809	0.17	0.01	-0.67	0.27	0.27	0.48	425000 0	280000 0
48.3131419 60	9.7170 02606	0.20	-0.03	-0.82	0.27	0.27	0.50	430000 0	280000 0
48.3128135 00	10.390 804380	0.17	-0.01	-0.81	0.30	0.30	0.54	435000 0	280000 0
48.3083796 10	11.064 548190	0.15	0.04	-0.74	0.26	0.26	0.48	440000 0	280000 0
48.2998413 40	11.738 134160	0.11	0.02	-0.41	0.29	0.29	0.51	445000 0	280000 0
48.2872007 20	12.411 462630	0.00	-0.01	-0.08	0.27	0.27	0.48	450000 0	280000 0
48.2704607 80	13.084 434200	-0.10	0.12	-0.07	0.27	0.28	0.48	455000 0	280000 0
48.2496255 10	13.756 949920	-0.10	0.23	-0.25	0.25	0.25	0.44	460000 0	280000 0
48.2246998 40	14.428 911360	0.02	0.07	-0.45	0.24	0.24	0.44	465000 0	280000 0
48.1956897 10	15.100 220770	0.07	-0.12	-0.69	0.26	0.26	0.48	470000 0	280000 0
48.1626019 60	15.770 781120	0.03	0.00	-0.93	0.25	0.25	0.47	475000 0	280000 0
48.1254444 10	16.440 496290	0.04	0.21	-1.03	0.25	0.26	0.48	480000 0	280000 0
48.0842257 70	17.109 271120	0.17	0.19	-0.87	0.29	0.29	0.48	485000 0	280000 0
48.0389557 00	17.777 011540	0.20	0.07	-0.64	0.25	0.25	0.41	490000 0	280000 0
47.9896447 30	18.443 624670	0.03	-0.01	-0.54	0.26	0.26	0.44	495000 0	280000 0
47.9363042 90	19.109 018910	-0.12	0.16	-0.78	0.28	0.28	0.47	500000 0	280000 0
47.8789466 90	19.773 104050	-0.11	0.22	-1.17	0.27	0.27	0.45	505000 0	280000 0
47.8175850	20.435	-0.09	0.06	-1.44	0.25	0.25	0.41	510000	280000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
50	791360							0	0
47.7522333 70	21.096 993660	-0.25	-0.18	-1.39	0.29	0.29	0.48	515000 0	280000 0
47.6829064 30	21.756 625420	-0.44	-0.40	-1.27	0.25	0.25	0.43	520000 0	280000 0
47.6096198 10	22.414 602840	-0.45	-0.39	-1.23	0.29	0.29	0.49	525000 0	280000 0
47.5323898 60	23.070 843920	-0.47	-0.38	-1.12	0.27	0.27	0.45	530000 0	280000 0
47.4512336 70	23.725 268550	-0.69	-0.44	-0.84	0.27	0.27	0.44	535000 0	280000 0
47.3661690 70	24.377 798530	-0.90	-0.52	-0.66	0.27	0.27	0.44	540000 0	280000 0
47.2772145 50	25.028 357690	-0.67	-0.60	-0.86	0.28	0.28	0.47	545000 0	280000 0
47.1843893 30	25.676 871910	-0.37	-0.65	-1.05	0.28	0.28	0.51	550000 0	280000 0
47.0877132 20	26.323 269180	-0.20	-0.63	-0.94	0.27	0.27	0.49	555000 0	280000 0
46.9872066 90	26.967 479670	-0.24	-0.45	-0.70	0.28	0.28	0.47	560000 0	280000 0
46.8828908 10	27.609 435730	-0.18	-0.25	-0.71	0.26	0.26	0.44	565000 0	280000 0
46.7747871 80	28.249 071970	-0.10	-0.42	-0.81	0.30	0.30	0.50	570000 0	280000 0
46.6629179 80	28.886 325280	-0.19	-0.61	-0.87	0.28	0.28	0.47	575000 0	280000 0
46.5473059 00	29.521 134840	-0.50	-0.66	-0.79	0.26	0.26	0.44	580000 0	280000 0
46.4279741 00	30.153 442190	-0.79	-0.50	-0.65	0.29	0.29	0.48	585000 0	280000 0
46.3049462 20	30.783 191180	-0.77	-0.40	-0.50	0.20	0.20	0.38	590000 0	280000 0
39.0558976 10	- 31.620 478350	2.24	-12.69	-1.32	0.39	0.39	0.68	900000	275000 0
39.2951359 40	- 31.105 274380	3.64	-20.62	-1.55	0.26	0.26	0.42	950000	275000 0
39.5316451 20	- 30.587 025540	2.61	-14.89	-1.51	0.36	0.36	0.62	100000 0	275000 0
47.0230293 20	- 3.5041 16336	0.08	-0.21	-1.59	0.35	0.35	0.62	330000 0	275000 0
47.1027717 10	- 2.8546 98269	0.03	-0.25	-1.66	0.29	0.30	0.51	335000 0	275000 0
47.1786206	-	-0.04	-0.18	-1.42	0.25	0.25	0.43	340000	275000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
70	2.2035 35044							0	0
47.2505598 10	- 1.5507 04705	0.04	-0.15	-1.13	0.18	0.18	0.32	345000 0	275000 0
47.3185734 30	- 0.8962 87067	0.04	-0.21	-1.14	0.25	0.25	0.43	350000 0	275000 0
47.3826466 20	- 0.2403 63646	-0.05	-0.17	-1.19	0.25	0.25	0.43	355000 0	275000 0
47.4427652 10	0.4169 82414	-0.08	-0.10	-1.24	0.26	0.26	0.45	360000 0	275000 0
47.4989158 40	1.0756 66418	0.01	-0.10	-1.27	0.25	0.25	0.44	365000 0	275000 0
47.5510859 50	1.7356 02200	0.04	-0.18	-1.20	0.27	0.27	0.46	370000 0	275000 0
47.5992637 80	2.3967 02209	-0.04	-0.22	-1.11	0.25	0.25	0.44	375000 0	275000 0
47.6434384 60	3.0588 77599	-0.11	-0.19	-1.05	0.25	0.25	0.43	380000 0	275000 0
47.6835999 40	3.7220 38315	-0.11	-0.15	-0.96	0.25	0.25	0.45	385000 0	275000 0
47.7197390 60	4.3860 93194	-0.11	-0.15	-0.88	0.26	0.26	0.46	390000 0	275000 0
47.7518475 30	5.0509 50058	-0.11	-0.12	-0.96	0.27	0.27	0.48	395000 0	275000 0
47.7799179 70	5.7165 15816	-0.06	-0.08	-1.23	0.26	0.26	0.45	400000 0	275000 0
47.8039439 20	6.3826 96567	0.01	-0.13	-1.42	0.25	0.25	0.44	405000 0	275000 0
47.8239198 10	7.0493 97705	0.05	-0.24	-1.19	0.25	0.25	0.42	410000 0	275000 0
47.8398410 10	7.7165 24023	0.07	-0.21	-0.70	0.23	0.23	0.40	415000 0	275000 0
47.8517038 30	8.3839 79827	0.14	0.00	-0.36	0.24	0.25	0.41	420000 0	275000 0
47.8595055 00	9.0516 69037	0.19	0.01	-0.32	0.26	0.27	0.45	425000 0	275000 0
47.8632442 20	9.7194 95307	0.17	-0.04	-0.37	0.24	0.24	0.43	430000 0	275000 0
47.8629191 00	10.387 362130	0.19	0.07	-0.32	0.29	0.29	0.51	435000 0	275000 0
47.8585302 30	11.055 172950	0.25	0.16	-0.34	0.25	0.25	0.44	440000 0	275000 0
47.8500786 30	11.722 831290	0.29	0.04	-0.19	0.26	0.26	0.45	445000 0	275000 0
47.8375662 60	12.390 240820	0.22	-0.06	-0.06	0.23	0.24	0.42	450000 0	275000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
47.820996030	13.057305530	0.13	0.09	-0.27	0.22	0.22	0.39	4550000	2750000
47.800371800	13.723929790	0.13	0.13	-0.59	0.27	0.28	0.47	4600000	2750000
47.775698340	14.390018480	0.22	0.00	-0.89	0.27	0.27	0.48	4650000	2750000
47.746981350	15.055477110	0.23	0.08	-0.98	0.31	0.31	0.54	4700000	2750000
47.714227450	15.720211890	0.23	0.28	-1.08	0.30	0.31	0.53	4750000	2750000
47.677444180	16.384129870	0.23	0.37	-1.08	0.31	0.31	0.53	4800000	2750000
47.636639950	17.047139030	0.24	0.29	-0.96	0.27	0.27	0.46	4850000	2750000
47.591824070	17.709148380	0.15	0.14	-0.70	0.25	0.25	0.41	4900000	2750000
47.543006710	18.370068050	-0.09	0.13	-0.49	0.26	0.26	0.42	4950000	2750000
47.490198920	19.029809400	-0.27	0.30	-0.70	0.23	0.23	0.38	5000000	2750000
47.433412550	19.688285080	-0.17	0.23	-1.29	0.24	0.24	0.40	5050000	2750000
47.372660300	20.345409170	-0.08	0.07	-1.69	0.27	0.27	0.44	5100000	2750000
47.307955670	21.001097220	-0.19	0.01	-1.57	0.25	0.26	0.43	5150000	2750000
47.239312940	21.655266320	-0.43	-0.08	-1.15	0.26	0.27	0.48	5200000	2750000
47.166747160	22.307835240	-0.52	-0.30	-0.96	0.31	0.31	0.53	5250000	2750000
47.090274130	22.958724440	-0.56	-0.58	-1.03	0.24	0.24	0.40	5300000	2750000
47.009910360	23.607856160	-0.82	-0.54	-0.96	0.28	0.28	0.46	5350000	2750000
46.925673060	24.255154490	-1.07	-0.44	-0.98	0.27	0.27	0.45	5400000	2750000
46.837580150	24.900545440	-0.96	-0.45	-1.17	0.29	0.29	0.50	5450000	2750000
46.745650170	25.543956960	-0.77	-0.53	-1.29	0.25	0.25	0.49	5500000	2750000
46.649902300	26.185319010	-0.66	-0.74	-0.96	0.26	0.26	0.48	5550000	2750000
46.550356330	26.824563630	-0.67	-0.73	-0.64	0.23	0.23	0.40	5600000	2750000
46.447032630	27.461624940	-0.34	-0.43	-0.87	0.28	0.28	0.46	5650000	2750000
46.339952130	28.096439220	-0.07	-0.57	-1.07	0.29	0.29	0.48	5700000	2750000

#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
46.2291362 80	28.728 944910	-0.11	-0.84	-1.20	0.24	0.24	0.42	575000 0	275000 0
46.1146070 40	29.359 082640	-0.66	-0.91	-1.03	0.25	0.25	0.44	580000 0	275000 0
45.9963868 40	29.986 795290	-1.05	-0.58	-0.88	0.30	0.30	0.51	585000 0	275000 0
45.8744985 80	30.612 027970	-1.00	-0.37	-0.78	0.32	0.32	0.56	590000 0	275000 0
43.0813696 40	41.393 162930	0.37	-0.35	0.18	0.41	0.41	0.73	680000 0	275000 0
42.8945455 90	41.963 856330	0.42	-0.22	0.14	0.42	0.42	0.77	685000 0	275000 0
42.7045661 70	42.531 442180	0.48	-0.08	0.06	0.43	0.43	0.81	690000 0	275000 0
42.5114579 00	43.095 911160	0.58	0.05	0.00	0.44	0.44	0.83	695000 0	275000 0
42.3152472 30	43.657 255820	0.71	0.16	-0.08	0.44	0.44	0.84	700000 0	275000 0
42.1159605 30	44.215 470500	0.85	0.25	-0.18	0.44	0.44	0.84	705000 0	275000 0
41.9136240 60	44.770 551350	0.96	0.31	-0.28	0.44	0.44	0.85	710000 0	275000 0
41.7082639 30	45.322 496230	0.99	0.33	-0.38	0.44	0.44	0.85	715000 0	275000 0
46.5812927 10	- 3.3900 41181	0.04	-0.16	-1.46	0.40	0.40	0.72	330000 0	270000 0
46.6602655 00	- 2.7458 20044	0.01	-0.19	-1.54	0.36	0.37	0.64	335000 0	270000 0
46.7353797 50	- 2.0999 10018	-0.01	-0.19	-1.51	0.27	0.27	0.48	340000 0	270000 0
46.8066196 20	- 1.4523 86846	0.04	-0.12	-1.28	0.28	0.28	0.47	345000 0	270000 0
46.8739699 40	- 0.8033 27952	0.06	-0.13	-1.15	0.26	0.26	0.45	350000 0	270000 0
46.9374163 10	- 0.1528 12379	-0.05	-0.17	-1.17	0.25	0.25	0.42	355000 0	270000 0
46.9969450 40	0.4990 79281	-0.08	-0.14	-1.21	0.25	0.25	0.42	360000 0	270000 0
47.0525432 20	1.1522 64968	0.04	-0.14	-1.17	0.25	0.25	0.44	365000 0	270000 0
47.1041987 20	1.8066 61220	0.08	-0.19	-1.08	0.27	0.27	0.48	370000 0	270000 0
47.1519001 90	2.4621 83265	-0.01	-0.20	-1.00	0.27	0.27	0.48	375000 0	270000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
47.1956371 30	3.1187 45096	-0.07	-0.19	-0.98	0.28	0.28	0.48	380000 0	270000 0
47.2353998 40	3.7762 59565	-0.08	-0.19	-0.99	0.25	0.25	0.44	385000 0	270000 0
47.2711794 70	4.4346 38468	-0.08	-0.16	-0.97	0.27	0.27	0.47	390000 0	270000 0
47.3029680 30	5.0937 92642	-0.11	-0.10	-0.90	0.21	0.21	0.40	395000 0	270000 0
47.3307584 00	5.7536 32056	-0.06	-0.06	-0.92	0.27	0.27	0.47	400000 0	270000 0
47.3545443 20	6.4140 65912	0.02	-0.13	-0.84	0.28	0.28	0.47	405000 0	270000 0
47.3743204 40	7.0750 02742	0.08	-0.17	-0.58	0.25	0.25	0.43	410000 0	270000 0
47.3900822 80	7.7363 50511	0.17	-0.03	-0.25	0.24	0.24	0.41	415000 0	270000 0
47.4018262 80	8.3980 16719	0.29	0.11	-0.01	0.23	0.23	0.39	420000 0	270000 0
47.4095497 80	9.0599 08504	0.32	-0.01	0.17	0.25	0.26	0.43	425000 0	270000 0
47.4132510 20	9.7219 32750	0.25	-0.10	0.33	0.23	0.23	0.39	430000 0	270000 0
47.4129291 60	10.383 996190	0.24	0.06	0.38	0.25	0.26	0.44	435000 0	270000 0
47.4085842 80	11.046 005500	0.35	0.17	0.25	0.25	0.26	0.44	440000 0	270000 0
47.4002173 60	11.707 867450	0.40	0.02	0.10	0.26	0.27	0.46	445000 0	270000 0
47.3878303 00	12.369 488940	0.35	-0.10	-0.04	0.27	0.27	0.47	450000 0	270000 0
47.3714259 10	13.030 777160	0.30	-0.03	-0.30	0.26	0.26	0.45	455000 0	270000 0
47.3510079 00	13.691 639690	0.32	0.04	-0.64	0.30	0.30	0.51	460000 0	270000 0
47.3265808 90	14.351 984560	0.40	0.10	-1.01	0.28	0.29	0.49	465000 0	270000 0
47.2981503 60	15.011 720420	0.40	0.34	-1.13	0.30	0.30	0.51	470000 0	270000 0
47.2657227 30	15.670 756580	0.39	0.63	-1.12	0.27	0.27	0.46	475000 0	270000 0
47.2293052 50	16.329 003140	0.35	0.60	-1.05	0.25	0.25	0.44	480000 0	270000 0
47.1889060 50	16.986 371090	0.23	0.20	-1.02	0.24	0.24	0.42	485000 0	270000 0
47.1445341 10	17.642 772390	0.10	0.05	-0.90	0.26	0.26	0.43	490000 0	270000 0
47.0961992 60	18.298 120050	-0.04	0.19	-0.71	0.25	0.25	0.42	495000 0	270000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
47.0439121 60	18.952 328280	-0.07	0.26	-0.85	0.24	0.24	0.40	500000 0	270000 0
46.9876842 50	19.605 312490	-0.02	0.10	-1.45	0.25	0.25	0.42	505000 0	270000 0
46.9275278 10	20.256 989460	0.02	0.05	-1.98	0.27	0.27	0.45	510000 0	270000 0
46.8634558 70	20.907 277340	-0.04	0.13	-2.00	0.24	0.24	0.40	515000 0	270000 0
46.7954822 30	21.556 095790	-0.35	0.12	-1.30	0.25	0.26	0.45	520000 0	270000 0
46.7236214 20	22.203 366010	-0.64	-0.23	-0.63	0.26	0.27	0.47	525000 0	270000 0
46.6478887 20	22.849 010860	-0.70	-0.53	-0.69	0.27	0.27	0.46	530000 0	270000 0
46.5683000 80	23.492 954860	-0.75	-0.54	-1.02	0.30	0.30	0.51	535000 0	270000 0
46.4848721 50	24.135 124310	-0.88	-0.45	-1.37	0.29	0.29	0.48	540000 0	270000 0
46.3976222 40	24.775 447290	-0.97	-0.44	-1.47	0.27	0.27	0.45	545000 0	270000 0
46.3065682 80	25.413 853790	-0.92	-0.50	-1.30	0.24	0.24	0.43	550000 0	270000 0
46.2117288 20	26.050 275680	-0.82	-0.63	-1.07	0.28	0.28	0.49	555000 0	270000 0
46.1131230 20	26.684 646820	-0.72	-0.53	-1.00	0.28	0.28	0.48	560000 0	270000 0
46.0107705 90	27.316 903040	-0.48	-0.41	-1.09	0.26	0.26	0.44	565000 0	270000 0
45.9046917 60	27.946 982250	-0.08	-0.68	-1.21	0.20	0.20	0.35	570000 0	270000 0
45.7949073 20	28.574 824400	-0.22	-0.82	-1.25	0.29	0.29	0.49	575000 0	270000 0
45.6814385 20	29.200 371560	-0.65	-0.74	-1.40	0.27	0.27	0.47	580000 0	270000 0
45.5643071 00	29.823 567920	-0.94	-0.46	-1.47	0.31	0.31	0.54	585000 0	270000 0
45.4435352 10	30.444 359810	-0.85	-0.33	-1.28	0.37	0.37	0.65	590000 0	270000 0
42.8565364 80	40.588 485630	0.42	-0.36	-0.20	0.43	0.43	0.80	675000 0	270000 0
42.6743815 80	41.159 295880	0.48	-0.27	-0.09	0.43	0.43	0.79	680000 0	270000 0
42.4890584 30	41.727 091390	0.57	-0.15	-0.02	0.43	0.43	0.80	685000 0	270000 0
42.3005929 20	42.291 860500	0.69	-0.02	0.04	0.43	0.43	0.81	690000 0	270000 0
42.1090109 10	42.853 593400	0.86	0.14	0.09	0.43	0.43	0.81	695000 0	270000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
41.9143381 70	43.412 282070	1.10	0.29	0.06	0.43	0.43	0.80	700000 0	270000 0
41.7166004 10	43.967 920280	1.36	0.43	-0.06	0.43	0.43	0.81	705000 0	270000 0
41.5158232 40	44.520 503520	1.59	0.53	-0.20	0.43	0.43	0.81	710000 0	270000 0
41.3120321 60	45.070 028970	1.66	0.56	-0.33	0.43	0.43	0.82	715000 0	270000 0
46.2174905 20	- 2.6392 59484	0.01	-0.18	-1.44	0.39	0.39	0.70	335000 0	265000 0
46.2918860 50	- 1.9984 97651	0.01	-0.22	-1.47	0.32	0.32	0.56	340000 0	265000 0
46.3624419 30	- 1.3561 74488	0.04	-0.20	-1.33	0.23	0.23	0.40	345000 0	265000 0
46.4291435 10	- 0.7123 65118	0.03	-0.16	-1.06	0.27	0.27	0.45	350000 0	265000 0
46.4919768 70	- 0.0671 46199	-0.02	-0.23	-1.02	0.24	0.24	0.41	355000 0	265000 0
46.5509287 80	0.5794 04140	-0.01	-0.25	-1.13	0.24	0.24	0.42	360000 0	265000 0
46.6059867 60	1.2272 06369	0.08	-0.23	-1.16	0.27	0.27	0.47	365000 0	265000 0
46.6571391 00	1.8761 79632	0.09	-0.22	-1.09	0.28	0.28	0.49	370000 0	265000 0
46.7043748 50	2.5262 41825	0.03	-0.21	-1.01	0.26	0.26	0.46	375000 0	265000 0
46.7476838 50	3.1773 09673	0.00	-0.17	-1.01	0.26	0.26	0.46	380000 0	265000 0
46.7870567 30	3.8292 98816	0.01	-0.13	-1.13	0.26	0.26	0.45	385000 0	265000 0
46.8224849 70	4.4821 23895	0.00	-0.07	-1.19	0.27	0.27	0.46	390000 0	265000 0
46.8539608 30	5.1356 98637	-0.05	-0.01	-1.08	0.25	0.25	0.44	395000 0	265000 0
46.8814774 40	5.7899 35947	-0.01	-0.07	-0.77	0.26	0.26	0.45	400000 0	265000 0
46.9050287 60	6.4447 48003	0.06	-0.23	-0.34	0.22	0.22	0.39	405000 0	265000 0
46.9246096 30	7.1000 46347	0.13	-0.21	0.04	0.25	0.25	0.44	410000 0	265000 0
46.9402157 30	7.7557 41984	0.21	-0.06	0.31	0.27	0.27	0.46	415000 0	265000 0
46.9518436 10	8.4117 45475	0.31	-0.02	0.52	0.30	0.30	0.50	420000 0	265000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
46.959490700	9.067967041	0.40	-0.16	0.76	0.28	0.28	0.48	4250000	2650000
46.963155320	9.724316661	0.40	-0.25	0.99	0.25	0.25	0.43	4300000	2650000
46.962836640	10.380704170	0.37	-0.11	0.95	0.26	0.26	0.45	4350000	2650000
46.958534750	11.037039360	0.39	0.02	0.57	0.28	0.28	0.48	4400000	2650000
46.950250600	11.693232070	0.37	-0.03	0.21	0.27	0.28	0.46	4450000	2650000
46.937986010	12.349192330	0.28	-0.13	0.01	0.29	0.30	0.50	4500000	2650000
46.921743700	13.004830400	0.33	-0.09	-0.11	0.29	0.29	0.49	4550000	2650000
46.901527240	13.660056910	0.47	0.04	-0.40	0.27	0.27	0.46	4600000	2650000
46.877341100	14.314782940	0.55	0.28	-0.84	0.25	0.26	0.44	4650000	2650000
46.849190580	14.968920120	0.54	0.56	-1.03	0.27	0.28	0.46	4700000	2650000
46.817081860	15.622380750	0.49	0.73	-1.01	0.26	0.26	0.43	4750000	2650000
46.781021940	16.275077850	0.38	0.55	-0.92	0.25	0.25	0.44	4800000	2650000
46.741018680	16.926925300	0.25	0.18	-0.96	0.25	0.25	0.42	4850000	2650000
46.697080750	17.577837880	0.23	0.18	-0.99	0.26	0.26	0.44	4900000	2650000
46.649217650	18.227731410	0.24	0.31	-0.92	0.29	0.29	0.47	4950000	2650000
46.597439650	18.876522800	0.28	0.30	-1.01	0.23	0.23	0.39	5000000	2650000
46.541757830	19.524130120	0.12	0.15	-1.50	0.29	0.29	0.48	5050000	2650000
46.482184030	20.170472740	0.05	0.06	-2.16	0.27	0.28	0.45	5100000	2650000
46.418730850	20.815471350	-0.06	0.04	-2.31	0.26	0.26	0.43	5150000	2650000
46.351411620	21.459048040	-0.38	-0.05	-1.60	0.26	0.26	0.43	5200000	2650000
46.280240400	22.101126400	-0.79	-0.24	-0.52	0.27	0.27	0.45	5250000	2650000
46.205231930	22.741631550	-0.88	-0.35	-0.34	0.27	0.27	0.46	5300000	2650000
46.126401650	23.380490250	-0.73	-0.42	-0.92	0.25	0.25	0.44	5350000	2650000
46.043765660	24.017630900	-0.71	-0.47	-1.42	0.26	0.26	0.44	5400000	2650000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
45.957340680	24.652983650	-0.83	-0.52	-1.40	0.27	0.27	0.44	5450000	2650000
45.867144070	25.286480410	-0.87	-0.51	-1.17	0.27	0.27	0.47	5500000	2650000
45.773193790	25.918054920	-0.69	-0.41	-1.21	0.28	0.28	0.49	5550000	2650000
45.675508340	26.547642800	-0.57	-0.27	-1.36	0.30	0.30	0.52	5600000	2650000
45.574106820	27.175181580	-0.47	-0.21	-1.33	0.28	0.28	0.49	5650000	2650000
45.469008820	27.800610710	-0.38	-0.45	-1.20	0.31	0.31	0.52	5700000	2650000
45.360234450	28.423871650	-0.41	-0.66	-1.12	0.29	0.29	0.50	5750000	2650000
45.247804300	29.044907850	-0.58	-0.60	-1.51	0.22	0.22	0.40	5800000	2650000
45.131739430	29.663664800	-0.98	-0.23	-2.08	0.19	0.19	0.40	5850000	2650000
45.012061300	30.280090050	-0.71	-0.31	-1.66	0.36	0.36	0.65	5900000	2650000
42.266435050	40.929696310	0.67	-0.25	-0.31	0.43	0.43	0.81	6800000	2650000
42.082587110	41.494617890	0.80	-0.13	-0.17	0.43	0.43	0.80	6850000	2650000
41.895609880	42.056591920	0.98	0.03	0.03	0.42	0.42	0.79	6900000	2650000
41.705528550	42.615608130	1.25	0.24	0.24	0.41	0.40	0.76	6950000	2650000
41.512368260	43.171658030	1.65	0.48	0.28	0.40	0.39	0.73	7000000	2650000
41.316154060	43.724734840	2.13	0.71	0.07	0.41	0.40	0.74	7050000	2650000
41.116910930	44.274833470	2.56	0.88	-0.13	0.41	0.41	0.75	7100000	2650000
40.914663750	44.821950470	2.78	0.95	-0.27	0.41	0.41	0.76	7150000	2650000
40.709437270	45.366083980	2.44	0.86	-0.40	0.42	0.42	0.79	7200000	2650000
40.501256090	45.907233750	1.78	0.67	-0.51	0.43	0.43	0.82	7250000	2650000
40.290144680	46.445401010	1.19	0.47	-0.58	0.44	0.44	0.85	7300000	2650000
38.615271910	-29.267109630	0.49	-3.44	-1.71	0.44	0.44	0.83	1050000	2600000
38.841434030	-28.748031870	0.29	-2.68	-1.99	0.44	0.44	0.81	1100000	2600000
39.0648101	-	0.09	-2.10	-2.32	0.42	0.42	0.77	1150000	2600000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40	28.226 074870							0	0
39.2853774 50	- 27.701 230130	-0.05	-1.70	-2.56	0.41	0.41	0.73	120000 0	260000 0
45.8481371 00	- 1.8992 32383	0.00	-0.22	-1.39	0.35	0.35	0.61	340000 0	260000 0
45.9180238 20	- 1.2620 04980	-0.02	-0.24	-1.33	0.24	0.24	0.41	345000 0	260000 0
45.9840907 80	- 0.6233 38921	-0.05	-0.19	-1.06	0.25	0.25	0.42	350000 0	260000 0
46.0463245 20	0.0166 91434	-0.08	-0.28	-0.99	0.26	0.26	0.45	355000 0	260000 0
46.1047122 50	0.6580 10328	-0.05	-0.32	-1.07	0.25	0.26	0.44	360000 0	260000 0
46.1592419 30	1.3005 40671	0.03	-0.26	-1.13	0.25	0.25	0.44	365000 0	260000 0
46.2099022 20	1.9442 04111	0.05	-0.21	-1.10	0.25	0.25	0.44	370000 0	260000 0
46.2566825 50	2.5889 21112	0.00	-0.15	-1.00	0.27	0.27	0.47	375000 0	260000 0
46.2995731 10	3.2346 11023	0.00	-0.10	-1.03	0.25	0.25	0.44	380000 0	260000 0
46.3385648 40	3.8811 92167	0.04	-0.05	-1.25	0.26	0.26	0.45	385000 0	260000 0
46.3736495 10	4.5285 81912	0.02	0.00	-1.36	0.27	0.27	0.46	390000 0	260000 0
46.4048196 60	5.1766 96762	0.00	0.01	-1.19	0.26	0.26	0.46	395000 0	260000 0
46.4320686 40	5.8254 52441	0.08	-0.13	-0.69	0.25	0.25	0.44	400000 0	260000 0
46.4553906 30	6.4747 63982	0.15	-0.34	0.00	0.25	0.25	0.44	405000 0	260000 0
46.4747806 30	7.1245 45812	0.11	-0.36	0.62	0.26	0.26	0.43	410000 0	260000 0
46.4902344 80	7.7747 11851	0.11	-0.26	0.89	0.28	0.28	0.47	415000 0	260000 0
46.5017488 50	8.4251 75600	0.20	-0.24	0.97	0.30	0.31	0.51	420000 0	260000 0
46.5093212 60	9.0758 50232	0.33	-0.32	1.05	0.27	0.27	0.47	425000 0	260000 0
46.5129500 80	9.7266 48692	0.36	-0.35	1.05	0.26	0.26	0.45	430000 0	260000 0
46.5126345 20	10.377 483790	0.38	-0.21	0.86	0.26	0.27	0.45	435000 0	260000 0
46.5083746	11.028	0.45	-0.06	0.52	0.24	0.25	0.41	440000	260000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
50	268290							0	0
46.5001714 00	11.678 915030	0.45	-0.07	0.15	0.22	0.23	0.38	445000 0	260000 0
46.4880265 20	12.329 336970	0.45	-0.19	-0.07	0.22	0.22	0.38	450000 0	260000 0
46.4719426 50	12.979 447340	0.69	-0.22	-0.08	0.21	0.21	0.37	455000 0	260000 0
46.4519232 20	13.629 159700	0.96	-0.06	-0.24	0.23	0.23	0.39	460000 0	260000 0
46.4279725 60	14.278 388040	0.96	0.22	-0.61	0.26	0.26	0.45	465000 0	260000 0
46.4000957 80	14.927 046880	0.87	0.48	-0.85	0.30	0.30	0.47	470000 0	260000 0
46.3682988 40	15.575 051350	0.79	0.55	-0.93	0.31	0.31	0.48	475000 0	260000 0
46.3325885 20	16.222 317310	0.67	0.50	-0.88	0.28	0.28	0.46	480000 0	260000 0
46.2929723 90	16.868 761390	0.56	0.51	-0.86	0.26	0.26	0.44	485000 0	260000 0
46.2494588 50	17.514 301100	0.52	0.64	-0.91	0.27	0.27	0.45	490000 0	260000 0
46.2020570 40	18.158 854920	0.46	0.53	-0.92	0.29	0.29	0.48	495000 0	260000 0
46.1507769 20	18.802 342380	0.38	0.35	-0.99	0.26	0.26	0.42	500000 0	260000 0
46.0956291 70	19.444 684120	0.11	0.25	-1.38	0.26	0.26	0.42	505000 0	260000 0
46.0366252 50	20.085 802000	-0.11	0.15	-2.05	0.26	0.26	0.43	510000 0	260000 0
45.9737773 20	20.725 619120	-0.31	-0.04	-2.27	0.27	0.27	0.46	515000 0	260000 0
45.9070982 70	21.364 059950	-0.54	-0.35	-1.81	0.25	0.25	0.45	520000 0	260000 0
45.8366016 90	22.001 050370	-0.94	-0.36	-0.65	0.25	0.25	0.46	525000 0	260000 0
45.7623018 30	22.636 517710	-1.05	-0.30	-0.29	0.28	0.28	0.49	530000 0	260000 0
45.6842136 30	23.270 390840	-0.94	-0.38	-0.67	0.28	0.28	0.50	535000 0	260000 0
45.6023526 50	23.902 600250	-0.83	-0.56	-1.16	0.28	0.28	0.48	540000 0	260000 0
45.5167350 60	24.533 078030	-0.93	-0.63	-1.14	0.30	0.30	0.51	545000 0	260000 0
45.4273776 70	25.161 758010	-1.01	-0.57	-0.95	0.29	0.29	0.51	550000 0	260000 0
45.3342978 40	25.788 575710	-0.76	-0.42	-1.21	0.27	0.27	0.49	555000 0	260000 0
45.2375135	26.413	-0.57	-0.31	-1.45	0.33	0.33	0.56	560000	260000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
00	468470							0	0
45.1370431 10	27.036 375450	-0.58	-0.24	-1.38	0.33	0.33	0.55	565000 0	260000 0
45.0329056 50	27.657 237650	-0.73	-0.27	-1.12	0.27	0.27	0.46	570000 0	260000 0
44.9251206 00	28.275 997960	-0.75	-0.36	-0.97	0.30	0.30	0.51	575000 0	260000 0
44.8137079 00	28.892 601220	-0.59	-0.37	-1.38	0.23	0.24	0.43	580000 0	260000 0
44.6986879 40	29.506 994170	-0.51	-0.45	-1.94	0.27	0.27	0.52	585000 0	260000 0
44.5800815 30	30.119 125530	-0.50	-0.35	-1.67	0.38	0.38	0.68	590000 0	260000 0
41.6751471 10	41.266 337350	1.12	-0.17	-0.33	0.42	0.42	0.78	685000 0	260000 0
41.4896330 20	41.825 538550	1.37	0.05	0.00	0.41	0.41	0.76	690000 0	260000 0
41.3010272 80	42.381 858170	1.77	0.34	0.43	0.36	0.35	0.68	695000 0	260000 0
41.1093544 10	42.935 287270	2.41	0.73	0.57	0.31	0.30	0.59	700000 0	260000 0
40.9146388 40	43.485 818570	3.16	1.11	0.16	0.35	0.35	0.61	705000 0	260000 0
40.7169049 30	44.033 446450	3.85	1.37	-0.10	0.35	0.35	0.64	710000 0	260000 0
40.5161769 30	44.578 166870	4.57	1.56	-0.22	0.33	0.33	0.62	715000 0	260000 0
40.3124790 20	45.119 977370	3.72	1.36	-0.38	0.38	0.38	0.71	720000 0	260000 0
40.1058352 10	45.658 877010	2.48	0.99	-0.52	0.42	0.42	0.79	725000 0	260000 0
39.8962694 00	46.194 866350	1.56	0.65	-0.59	0.44	0.44	0.84	730000 0	260000 0
38.2292489 70	- 29.009 498380	0.27	-2.32	-1.76	0.44	0.44	0.83	105000 0	255000 0
38.4538512 70	- 28.492 194500	0.12	-2.05	-2.15	0.43	0.43	0.80	110000 0	255000 0
38.6756728 50	- 27.972 077430	-0.05	-1.93	-2.68	0.40	0.40	0.71	115000 0	255000 0
38.8946914 00	- 27.449 139480	-0.24	-1.97	-3.27	0.32	0.32	0.54	120000 0	255000 0
39.1108844 30	- 26.923 374180	-0.23	-1.63	-3.04	0.36	0.36	0.63	125000 0	255000 0
45.4041302	-	0.00	-0.22	-1.33	0.37	0.37	0.64	340000	255000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40	1.8020 51264							0	0
45.4733621 90	- 1.1698 18174	-0.07	-0.23	-1.36	0.27	0.27	0.47	345000 0	255000 0
45.5388082 40	- 0.5361 92112	-0.16	-0.18	-1.24	0.23	0.23	0.41	350000 0	255000 0
45.6004553 50	0.0987 54779	-0.16	-0.30	-1.15	0.26	0.26	0.45	355000 0	255000 0
45.6582911 90	0.7349 49026	-0.14	-0.32	-1.11	0.26	0.26	0.46	360000 0	255000 0
45.7123040 80	1.3723 15889	-0.10	-0.20	-1.07	0.24	0.24	0.44	365000 0	255000 0
45.7624831 00	2.0107 79429	-0.06	-0.10	-1.02	0.28	0.28	0.49	370000 0	255000 0
45.8088180 10	2.6502 62578	-0.08	-0.05	-0.95	0.25	0.26	0.44	375000 0	255000 0
45.8512993 30	3.2906 87212	-0.10	-0.05	-1.00	0.24	0.24	0.42	380000 0	255000 0
45.8899183 30	3.9319 74227	-0.08	-0.06	-1.23	0.28	0.28	0.47	385000 0	255000 0
45.9246670 30	4.5740 43616	-0.09	-0.05	-1.35	0.24	0.24	0.42	390000 0	255000 0
45.9555382 40	5.2168 14549	-0.07	-0.10	-1.06	0.26	0.26	0.46	395000 0	255000 0
45.9825255 30	5.8602 05456	0.01	-0.24	-0.42	0.25	0.25	0.44	400000 0	255000 0
46.0056232 80	6.5041 34109	0.02	-0.40	0.37	0.25	0.25	0.44	405000 0	255000 0
46.0248266 70	7.1485 17708	-0.09	-0.47	0.96	0.24	0.24	0.40	410000 0	255000 0
46.0401316 60	7.7932 72966	-0.10	-0.42	1.04	0.28	0.28	0.45	415000 0	255000 0
46.0515350 50	8.4383 16203	0.04	-0.42	0.94	0.24	0.24	0.41	420000 0	255000 0
46.0590344 40	9.0835 63427	0.21	-0.39	0.69	0.24	0.24	0.41	425000 0	255000 0
46.0626282 60	9.7289 30427	0.28	-0.29	0.33	0.25	0.25	0.43	430000 0	255000 0
46.0623157 40	10.374 332870	0.35	-0.19	0.07	0.25	0.25	0.44	435000 0	255000 0
46.0580969 60	11.019 686370	0.55	-0.12	0.04	0.24	0.25	0.41	440000 0	255000 0
46.0499728 00	11.664 906610	0.83	-0.11	-0.02	0.24	0.24	0.39	445000 0	255000 0
46.0379449 70	12.309 909410	1.28	-0.23	-0.47	0.20	0.21	0.35	450000 0	255000 0
46.0220160	12.954	1.87	-0.46	-0.98	0.23	0.24	0.40	455000	255000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
00	610810							0	0
46.002189230	13.598927210	2.08	-0.45	-1.04	0.23	0.23	0.40	460000	255000
45.978468810	14.242775370	1.64	-0.10	-0.90	0.28	0.29	0.50	465000	255000
45.950859690	14.886072590	1.44	0.15	-0.88	0.31	0.31	0.52	470000	255000
45.919367630	15.528736740	1.32	0.42	-1.05	0.35	0.35	0.59	475000	255000
45.883999180	16.170686360	1.21	0.63	-1.07	0.34	0.34	0.57	480000	255000
45.844761650	16.811840750	1.07	0.87	-0.93	0.25	0.25	0.44	485000	255000
45.801663150	17.452120040	0.82	0.92	-0.85	0.24	0.24	0.40	490000	255000
45.754712520	18.091445270	0.61	0.62	-0.93	0.24	0.24	0.40	495000	255000
45.703919380	18.729738490	0.32	0.34	-1.06	0.23	0.23	0.38	500000	255000
45.649294060	19.366922810	0.02	0.39	-1.38	0.29	0.29	0.48	505000	255000
45.590847620	20.002922470	-0.28	0.34	-1.82	0.30	0.30	0.50	510000	255000
45.528591830	20.637662930	-0.58	0.09	-2.02	0.24	0.24	0.41	515000	255000
45.462539140	21.271070930	-0.72	-0.30	-1.71	0.27	0.27	0.48	520000	255000
45.392702700	21.903074540	-0.98	-0.39	-1.00	0.31	0.31	0.54	525000	255000
45.319096290	22.533603250	-1.18	-0.52	-0.64	0.33	0.33	0.57	530000	255000
45.241734350	23.162587980	-1.26	-0.76	-0.73	0.24	0.24	0.47	535000	255000
45.160631940	23.789961200	-1.12	-0.85	-1.03	0.26	0.26	0.47	540000	255000
45.075804700	24.415656930	-1.24	-0.81	-0.88	0.24	0.25	0.44	545000	255000
44.987268900	25.039610800	-1.37	-0.69	-0.61	0.28	0.28	0.49	550000	255000
44.895041340	25.661760110	-1.05	-0.63	-1.00	0.25	0.26	0.45	555000	255000
44.799139380	26.282043860	-0.64	-0.49	-1.48	0.29	0.29	0.50	560000	255000
44.699580880	26.900402780	-0.61	-0.25	-1.50	0.29	0.29	0.49	565000	255000
44.596384240	27.516779370	-0.90	-0.17	-1.16	0.24	0.24	0.40	570000	255000
44.4895683	28.131	-1.13	-0.20	-0.77	0.25	0.25	0.45	575000	255000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
10	117970							0	0
44.379152410	28.743364710	-0.72	-0.28	-1.08	0.20	0.21	0.39	580000	255000
44.265156310	29.353467590	-0.42	-0.37	-1.46	0.34	0.34	0.60	585000	255000
41.447725770	40.482906400	1.39	-0.46	-0.80	0.38	0.38	0.72	680000	255000
41.266753190	41.042154090	1.54	-0.29	-0.54	0.39	0.39	0.73	685000	255000
41.082677550	41.598605310	1.84	0.01	-0.11	0.38	0.38	0.70	690000	255000
40.895522790	42.152249050	2.44	0.36	0.32	0.35	0.35	0.65	695000	255000
40.705312770	42.703075990	3.33	0.88	0.43	0.30	0.30	0.52	700000	255000
40.512071340	43.251078420	4.15	1.45	0.16	0.24	0.23	0.39	705000	255000
40.315822230	43.796250210	4.66	1.82	-0.10	0.29	0.29	0.54	710000	255000
40.116589140	44.338586800	5.79	2.29	-0.28	0.25	0.25	0.50	715000	255000
39.914395620	44.878085150	4.65	1.96	-0.48	0.36	0.36	0.66	720000	255000
39.709265130	45.414743710	3.04	1.35	-0.59	0.41	0.42	0.77	725000	255000
39.501220990	45.948562400	1.85	0.83	-0.62	0.44	0.44	0.83	730000	255000
37.841936460	-28.756047550	0.13	-1.61	-1.76	0.44	0.44	0.84	105000	250000
38.065001510	-28.240518430	0.02	-1.62	-2.17	0.43	0.43	0.80	110000	250000
38.285291310	-27.722240740	-0.13	-1.77	-2.75	0.40	0.40	0.70	115000	250000
38.502784050	-27.201207530	-0.32	-2.10	-3.48	0.29	0.29	0.48	120000	250000
38.717457730	-26.677413100	-0.28	-1.89	-3.24	0.34	0.34	0.58	125000	250000
43.961890140	-8.499978573	0.11	-0.21	-1.05	0.37	0.37	0.66	285000	250000
44.070758960	-7.891685370	0.06	-0.22	-0.75	0.35	0.36	0.63	290000	250000
44.176052040	-7.2813	0.12	-0.23	-0.66	0.38	0.38	0.68	295000	250000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	71447							0	0
44.9598626 30	- 1.7068 93822	0.02	-0.24	-1.25	0.34	0.35	0.60	340000 0	250000 0
45.0284537 90	- 1.0795 56301	-0.01	-0.25	-1.34	0.24	0.24	0.44	345000 0	250000 0
45.0932922 20	- 0.4508 69717	-0.11	-0.18	-1.38	0.24	0.25	0.42	350000 0	250000 0
45.1543653 30	0.1790 95926	-0.13	-0.29	-1.39	0.24	0.24	0.43	355000 0	250000 0
45.2116611 80	0.8102 69358	-0.14	-0.24	-1.28	0.28	0.28	0.49	360000 0	250000 0
45.2651684 80	1.4425 78104	-0.13	-0.10	-1.14	0.25	0.25	0.45	365000 0	250000 0
45.3148766 70	2.0759 48546	-0.06	-0.01	-1.08	0.25	0.25	0.45	370000 0	250000 0
45.3607758 60	2.7103 05993	-0.07	-0.05	-1.08	0.25	0.25	0.44	375000 0	250000 0
45.4028568 90	3.3455 74751	-0.11	-0.12	-1.13	0.26	0.26	0.45	380000 0	250000 0
45.4411113 00	3.9816 78193	-0.13	-0.13	-1.21	0.26	0.26	0.44	385000 0	250000 0
45.4755314 00	4.6185 38832	-0.12	-0.15	-1.20	0.26	0.26	0.45	390000 0	250000 0
45.5061102 40	5.2560 78400	-0.13	-0.23	-0.84	0.27	0.27	0.46	395000 0	250000 0
45.5328416 00	5.8942 17926	-0.15	-0.34	-0.13	0.24	0.24	0.42	400000 0	250000 0
45.5557200 50	6.5328 77814	-0.22	-0.37	0.52	0.26	0.26	0.45	405000 0	250000 0
45.5747409 40	7.1719 77922	-0.33	-0.39	0.78	0.25	0.25	0.42	410000 0	250000 0
45.5899003 60	7.8114 37649	-0.26	-0.42	0.55	0.25	0.25	0.42	415000 0	250000 0
45.6011952 20	8.4511 76018	0.01	-0.44	0.22	0.24	0.24	0.41	420000 0	250000 0
45.6086232 10	9.0911 11756	0.29	-0.28	-0.22	0.23	0.24	0.40	425000 0	250000 0
45.6121828 00	9.7311 63385	0.39	-0.09	-0.73	0.21	0.22	0.38	430000 0	250000 0
45.6118732 60	10.371 249300	0.57	-0.09	-0.90	0.25	0.25	0.43	435000 0	250000 0
45.6076946 60	11.011 287870	0.84	-0.18	-0.76	0.22	0.22	0.37	440000 0	250000 0
45.5996478 50	11.651 197500	1.15	-0.17	-0.76	0.22	0.23	0.38	445000 0	250000 0
45.5877344	12.290	1.64	-0.27	-1.66	0.21	0.21	0.36	450000	250000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
80	896740							0	0
45.5719569 90	12.930 304360	2.17	-0.40	-2.15	0.27	0.27	0.45	455000 0	250000 0
45.5523186 20	13.569 339440	2.31	-0.39	-2.02	0.24	0.26	0.45	460000 0	250000 0
45.5288233 70	14.207 921440	1.97	-0.13	-1.51	0.28	0.31	0.54	465000 0	250000 0
45.5014760 20	14.845 970310	1.83	0.15	-1.30	0.34	0.35	0.62	470000 0	250000 0
45.4702821 50	15.483 406540	1.89	0.47	-1.40	0.35	0.35	0.65	475000 0	250000 0
45.4352480 70	16.120 151260	1.88	0.78	-1.49	0.35	0.34	0.64	480000 0	250000 0
45.3963808 60	16.756 126340	1.59	0.90	-1.37	0.34	0.34	0.60	485000 0	250000 0
45.3536883 40	17.391 254420	1.19	0.85	-1.23	0.30	0.29	0.52	490000 0	250000 0
45.3071790 80	18.025 459000	0.89	0.71	-1.36	0.30	0.29	0.51	495000 0	250000 0
45.2568623 50	18.658 664570	0.59	0.63	-1.60	0.30	0.30	0.51	500000 0	250000 0
45.2027481 50	19.290 796580	0.17	0.73	-1.72	0.26	0.26	0.46	505000 0	250000 0
45.1448471 70	19.921 781610	-0.28	0.69	-1.70	0.27	0.27	0.45	510000 0	250000 0
45.0831707 80	20.551 547360	-0.59	0.40	-1.65	0.27	0.27	0.46	515000 0	250000 0
45.0177310 50	21.180 022760	-0.78	0.13	-1.43	0.27	0.27	0.47	520000 0	250000 0
44.9485406 60	21.807 138020	-1.06	-0.07	-1.01	0.29	0.29	0.49	525000 0	250000 0
44.8756129 70	22.432 824690	-1.43	-0.61	-0.80	0.31	0.31	0.53	530000 0	250000 0
44.7989619 30	23.057 015680	-1.56	-0.98	-0.88	0.29	0.29	0.50	535000 0	250000 0
44.7186021 10	23.679 645380	-1.42	-0.92	-1.01	0.30	0.30	0.52	540000 0	250000 0
44.6345486 70	24.300 649660	-1.41	-0.67	-0.76	0.28	0.29	0.48	545000 0	250000 0
44.5468173 20	24.919 965930	-1.47	-0.62	-0.38	0.27	0.28	0.47	550000 0	250000 0
44.4554243 50	25.537 533180	-1.17	-0.70	-0.68	0.28	0.29	0.49	555000 0	250000 0
44.3603865 50	26.153 292020	-0.80	-0.70	-1.23	0.22	0.23	0.42	560000 0	250000 0
44.2617212 40	26.767 184740	-0.67	-0.27	-1.36	0.25	0.25	0.43	565000 0	250000 0
44.1594462	27.379	-0.88	-0.16	-1.06	0.21	0.21	0.36	570000	250000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
10	155310							0	0
44.0535797 50	27.989 149420	-0.89	-0.23	-0.85	0.29	0.29	0.49	575000 0	250000 0
43.9441405 70	28.597 114530	-0.49	-0.45	-1.09	0.21	0.21	0.41	580000 0	250000 0
43.8311478 10	29.202 999850	-0.39	-0.38	-1.21	0.35	0.35	0.62	585000 0	250000 0
42.6576463 65	34.554 900361	0.48	-0.47	-1.52	0.40	0.40	0.72	630000 0	250000 0
42.5102500 28	35.137 596969	0.57	-0.46	-1.76	0.37	0.37	0.65	635000 0	250000 0
42.3595329 19	35.717 776307	0.57	-0.55	-1.68	0.38	0.38	0.67	640000 0	250000 0
41.3867708 20	39.144 510350	1.43	-0.60	-0.83	0.38	0.38	0.68	670000 0	250000 0
41.2134491 00	39.706 366760	1.68	-0.58	-0.88	0.31	0.31	0.61	675000 0	250000 0
41.0369908 50	40.265 526580	1.82	-0.64	-0.97	0.31	0.31	0.62	680000 0	250000 0
40.8574193 70	40.821 975230	1.91	-0.42	-0.60	0.35	0.35	0.66	685000 0	250000 0
40.6747580 00	41.375 699780	2.29	-0.08	-0.13	0.32	0.31	0.61	690000 0	250000 0
40.4890300 30	41.926 688930	3.19	0.23	0.25	0.32	0.32	0.60	695000 0	250000 0
40.3002587 50	42.474 932990	3.99	0.61	0.45	0.32	0.32	0.57	700000 0	250000 0
40.1084673 90	43.020 423850	3.96	1.01	0.48	0.31	0.31	0.52	705000 0	250000 0
39.9136791 20	43.563 154950	4.30	1.70	0.15	0.32	0.31	0.55	710000 0	250000 0
39.7159170 40	44.103 121240	5.18	2.57	-0.39	0.32	0.31	0.58	715000 0	250000 0
39.5152041 30	44.640 319150	5.11	2.57	-0.70	0.35	0.35	0.65	720000 0	250000 0
39.3115633 00	45.174 746580	3.30	1.59	-0.66	0.41	0.41	0.75	725000 0	250000 0
39.1050173 10	45.706 402830	1.96	0.92	-0.63	0.43	0.44	0.81	730000 0	250000 0
43.2998653 70	- 9.5593 74859	0.09	-0.24	-1.12	0.41	0.41	0.74	275000 0	245000 0
43.4148230 80	- 8.9593 68179	0.19	-0.30	-1.33	0.35	0.36	0.63	280000 0	245000 0
43.5262693 50	- 8.3573 03188	0.28	-0.31	-1.48	0.21	0.26	0.43	285000 0	245000 0
43.6341852	-	0.05	-0.28	-0.69	0.20	0.22	0.39	290000	245000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
80	7.7532 28023							0	0
43.7385523 70	- 7.1471 92537	0.19	-0.36	-0.64	0.30	0.30	0.50	295000 0	245000 0
43.8393525 60	- 6.5392 48279	0.34	-0.39	-0.67	0.32	0.32	0.54	300000 0	245000 0
43.9365682 00	- 5.9294 48470	0.38	-0.21	-0.69	0.33	0.33	0.57	305000 0	245000 0
44.0301821 40	- 5.3178 47976	0.27	-0.08	-0.82	0.37	0.37	0.64	310000 0	245000 0
44.5153312 40	- 1.6137 01948	0.02	-0.25	-1.09	0.31	0.31	0.54	340000 0	245000 0
44.5832951 90	- 0.9911 63863	0.01	-0.23	-1.13	0.25	0.25	0.42	345000 0	245000 0
44.6475389 30	- 0.3673 18933	-0.05	-0.12	-1.32	0.24	0.24	0.41	350000 0	245000 0
44.7080502 90	0.2577 64901	-0.06	-0.19	-1.48	0.27	0.27	0.47	355000 0	245000 0
44.7648177 00	0.8840 18496	-0.10	-0.16	-1.46	0.26	0.26	0.47	360000 0	245000 0
44.8178302 80	1.5113 71556	-0.07	-0.04	-1.34	0.28	0.28	0.48	365000 0	245000 0
44.8670777 80	2.1397 52702	0.03	-0.05	-1.26	0.25	0.26	0.45	370000 0	245000 0
44.9125506 60	2.7690 89531	0.02	-0.18	-1.19	0.28	0.28	0.48	375000 0	245000 0
44.9542400 60	3.3993 08686	-0.03	-0.23	-1.18	0.26	0.26	0.44	380000 0	245000 0
44.9921378 00	4.0303 35921	-0.05	-0.16	-1.15	0.26	0.26	0.45	385000 0	245000 0
45.0262364 60	4.6620 96176	-0.04	-0.17	-1.07	0.26	0.26	0.46	390000 0	245000 0
45.0565292 90	5.2945 13645	-0.08	-0.30	-0.74	0.25	0.25	0.44	395000 0	245000 0
45.0830103 00	5.9275 11853	-0.19	-0.38	-0.11	0.23	0.23	0.41	400000 0	245000 0
45.1056742 50	6.5610 13731	-0.30	-0.28	0.40	0.25	0.25	0.44	405000 0	245000 0
45.1245166 30	7.1949 41694	-0.32	-0.15	0.38	0.26	0.25	0.44	410000 0	245000 0
45.1395336 70	7.8292 17719	-0.17	-0.15	-0.02	0.24	0.24	0.40	415000 0	245000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
45.1507223 90	8.4637 63421	0.18	-0.19	-0.42	0.24	0.25	0.42	420000 0	245000 0
45.1580805 40	9.0985 00141	0.45	-0.10	-0.72	0.25	0.25	0.43	425000 0	245000 0
45.1616066 60	9.7333 49020	0.66	0.05	-1.05	0.25	0.26	0.44	430000 0	245000 0
45.1613000 30	10.368 231080	1.05	0.07	-1.29	0.26	0.26	0.44	435000 0	245000 0
45.1571607 20	11.003 067320	1.51	0.01	-1.47	0.23	0.23	0.39	440000 0	245000 0
45.1491895 60	11.637 778770	1.60	0.06	-1.96	0.25	0.25	0.42	445000 0	245000 0
45.1373881 40	12.272 286610	1.62	0.05	-2.79	0.24	0.25	0.43	450000 0	245000 0
45.1217588 20	12.906 512200	1.97	0.02	-2.67	0.32	0.32	0.55	455000 0	245000 0
45.1023047 20	13.540 377220	2.07	0.05	-2.34	0.31	0.32	0.56	460000 0	245000 0
45.0790297 20	14.173 803720	2.05	0.13	-1.81	0.36	0.37	0.64	465000 0	245000 0
45.0519384 40	14.806 714170	2.06	0.29	-1.55	0.38	0.38	0.68	470000 0	245000 0
45.0210362 60	15.439 031610	2.23	0.56	-1.62	0.37	0.36	0.67	475000 0	245000 0
44.9863292 80	16.070 679650	2.38	0.87	-1.79	0.34	0.33	0.66	480000 0	245000 0
44.9478243 50	16.701 582620	2.08	0.99	-1.77	0.35	0.35	0.65	485000 0	245000 0
44.9055290 30	17.331 665570	1.64	0.96	-1.79	0.35	0.35	0.63	490000 0	245000 0
44.8594516 00	17.960 854400	1.36	0.95	-2.07	0.33	0.32	0.60	495000 0	245000 0
44.8096010 20	18.589 075890	1.16	1.02	-2.39	0.31	0.30	0.57	500000 0	245000 0
44.7559869 60	19.216 257800	0.73	1.10	-2.27	0.28	0.28	0.49	505000 0	245000 0
44.6986197 70	19.842 328930	0.12	1.00	-1.88	0.25	0.25	0.43	510000 0	245000 0
44.6375104 40	20.467 219160	-0.42	0.75	-1.40	0.25	0.25	0.43	515000 0	245000 0
44.5726706 30	21.090 859520	-0.76	0.70	-0.98	0.27	0.27	0.46	520000 0	245000 0
44.5041126 20	21.713 182290	-1.12	0.41	-0.70	0.28	0.28	0.47	525000 0	245000 0
44.4318493 30	22.334 121000	-1.61	-0.35	-0.67	0.27	0.27	0.46	530000 0	245000 0
44.3558942 60	22.953 610490	-1.79	-0.86	-0.91	0.28	0.28	0.47	535000 0	245000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
44.2762615 20	23.571 587020	-1.62	-0.84	-1.11	0.26	0.26	0.44	540000 0	245000 0
44.1929657 60	24.187 988230	-1.38	-0.47	-0.81	0.28	0.28	0.47	545000 0	245000 0
44.1060222 20	24.802 753260	-1.24	-0.40	-0.50	0.29	0.29	0.49	550000 0	245000 0
44.0154466 40	25.415 822750	-1.14	-0.51	-0.55	0.25	0.25	0.43	555000 0	245000 0
43.9212552 90	26.027 138890	-1.08	-0.37	-0.82	0.23	0.23	0.40	560000 0	245000 0
43.8234649 60	26.636 645460	-1.00	-0.27	-0.89	0.26	0.26	0.45	565000 0	245000 0
43.7220928 70	27.244 287840	-0.94	-0.34	-0.79	0.29	0.29	0.49	570000 0	245000 0
43.6171567 40	27.850 013100	-0.70	-0.20	-0.79	0.23	0.23	0.42	575000 0	245000 0
43.5086747 00	28.453 769940	-0.66	-0.20	-0.95	0.23	0.23	0.43	580000 0	245000 0
43.3966653 20	29.055 508790	-0.52	-0.35	-1.02	0.36	0.36	0.65	585000 0	245000 0
42.5154716 10	33.207 377410	0.48	-0.55	-1.10	0.40	0.40	0.72	620000 0	245000 0
42.3759551 60	33.791 396910	0.63	-0.71	-1.34	0.39	0.38	0.71	625000 0	245000 0
42.2330938 70	34.373 031150	0.65	-0.80	-1.65	0.37	0.37	0.66	630000 0	245000 0
42.0869093 80	34.952 248240	0.78	-0.77	-2.10	0.25	0.25	0.43	635000 0	245000 0
41.9374234 90	35.529 018020	0.77	-1.08	-1.88	0.31	0.31	0.53	640000 0	245000 0
41.7846582 10	36.103 312140	0.65	-1.11	-1.42	0.37	0.37	0.67	645000 0	245000 0
41.6286356 70	36.675 104000	0.64	-0.82	-1.15	0.39	0.38	0.71	650000 0	245000 0
41.4693781 60	37.244 368710	0.81	-0.71	-0.99	0.41	0.41	0.73	655000 0	245000 0
41.3069080 80	37.811 083150	1.18	-0.73	-0.88	0.38	0.38	0.68	660000 0	245000 0
41.1412479 30	38.375 225900	1.77	-0.87	-0.83	0.29	0.29	0.50	665000 0	245000 0
40.9724202 90	38.936 777230	1.75	-0.78	-0.76	0.33	0.33	0.58	670000 0	245000 0
40.8004478 00	39.495 719100	1.74	-0.69	-0.73	0.30	0.30	0.57	675000 0	245000 0
40.6253531 30	40.052 035120	1.77	-0.59	-0.63	0.31	0.31	0.60	680000 0	245000 0
40.4471590 10	40.605 710530	1.99	-0.42	-0.27	0.34	0.34	0.62	685000 0	245000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40.2658881 50	41.156 732190	2.69	-0.31	0.29	0.31	0.31	0.55	690000 0	245000 0
40.0815632 70	41.705 088530	3.85	-0.10	0.54	0.30	0.30	0.54	695000 0	245000 0
39.8942070 40	42.250 769550	4.54	0.21	0.53	0.29	0.30	0.56	700000 0	245000 0
39.7038421 40	42.793 766790	3.62	0.43	0.73	0.26	0.26	0.48	705000 0	245000 0
39.5104911 40	43.334 073280	3.80	1.09	0.36	0.31	0.31	0.55	710000 0	245000 0
39.3141765 80	43.871 683530	4.73	1.92	-0.27	0.35	0.35	0.61	715000 0	245000 0
39.1149209 00	44.406 593490	4.62	2.19	-0.65	0.36	0.37	0.64	720000 0	245000 0
38.9127464 50	44.938 800540	3.01	1.42	-0.62	0.41	0.42	0.74	725000 0	245000 0
38.7076754 50	45.468 303440	1.81	0.84	-0.59	0.44	0.44	0.80	730000 0	245000 0
38.4997300 20	45.995 102290	1.06	0.48	-0.58	0.44	0.44	0.84	735000 0	245000 0
37.9270799 60	- 26.197 628330	-0.20	-2.71	-2.60	0.36	0.36	0.61	125000 0	240000 0
38.1359560 60	- 25.675 124430	-0.14	-2.56	-2.53	0.34	0.34	0.57	130000 0	240000 0
38.3419839 50	- 25.149 981960	-0.08	-1.65	-2.21	0.39	0.39	0.68	135000 0	240000 0
42.8657406 00	- 9.4114 03671	0.07	-0.34	-1.09	0.38	0.38	0.67	275000 0	240000 0
42.9797131 50	- 8.8154 22826	0.17	-0.45	-1.20	0.27	0.28	0.47	280000 0	240000 0
43.0901996 00	- 8.2174 44208	0.33	-0.42	-1.30	0.26	0.27	0.45	285000 0	240000 0
43.1971816 20	- 7.6175 14844	0.25	-0.26	-0.98	0.22	0.23	0.40	290000 0	240000 0
43.3006412 90	- 7.0156 83406	0.13	-0.40	-0.90	0.20	0.21	0.35	295000 0	240000 0
43.4005610 90	- 6.4120 00190	0.33	-0.55	-0.86	0.23	0.23	0.37	300000 0	240000 0
43.4969239 30	- 5.8065 17087	0.51	-0.26	-0.68	0.17	0.17	0.29	305000 0	240000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
43.5897131 70	- 5.1992 87565	0.32	-0.04	-0.81	0.27	0.27	0.45	310000 0	240000 0
43.6789126 60	- 4.5903 66632	0.17	-0.08	-1.11	0.32	0.32	0.53	315000 0	240000 0
43.7645067 00	- 3.9798 10808	0.08	-0.14	-1.41	0.32	0.32	0.55	320000 0	240000 0
43.8464801 30	- 3.3676 78087	0.01	-0.19	-1.44	0.35	0.35	0.60	325000 0	240000 0
43.9248182 90	- 2.7540 27899	-0.02	-0.20	-1.33	0.38	0.38	0.65	330000 0	240000 0
43.9995070 70	- 2.1389 21071	-0.02	-0.18	-1.19	0.37	0.37	0.62	335000 0	240000 0
44.0705329 10	- 1.5224 19783	-0.05	-0.18	-0.96	0.30	0.30	0.51	340000 0	240000 0
44.1378828 30	- 0.9045 87519	-0.07	-0.12	-0.88	0.25	0.25	0.43	345000 0	240000 0
44.2015444 30	- 0.2854 89019	-0.02	-0.08	-1.14	0.26	0.26	0.45	350000 0	240000 0
44.2615059 20	0.3348 09770	-0.02	-0.13	-1.41	0.26	0.26	0.46	355000 0	240000 0
44.3177561 40	0.9562 41752	-0.08	-0.09	-1.47	0.27	0.27	0.47	360000 0	240000 0
44.3702845 30	1.5787 38736	-0.05	-0.08	-1.39	0.28	0.28	0.48	365000 0	240000 0
44.4190812 00	2.2022 31499	0.03	-0.19	-1.24	0.29	0.29	0.50	370000 0	240000 0
44.4641369 00	2.8266 49843	0.05	-0.31	-1.07	0.27	0.27	0.47	375000 0	240000 0
44.5054430 80	3.4519 22658	-0.01	-0.27	-0.96	0.27	0.27	0.46	380000 0	240000 0
44.5429918 40	4.0779 77992	-0.04	-0.15	-0.94	0.28	0.28	0.47	385000 0	240000 0
44.5767759 70	4.7047 43118	-0.05	-0.16	-0.96	0.27	0.27	0.47	390000 0	240000 0
44.6067889 80	5.3321 44595	-0.11	-0.28	-0.73	0.27	0.27	0.48	395000 0	240000 0
44.6330250 80	5.9601 08352	-0.22	-0.33	-0.25	0.27	0.27	0.49	400000 0	240000 0
44.6554791 70	6.5885 59747	-0.26	-0.18	0.13	0.23	0.23	0.45	405000 0	240000 0
44.6741469	7.2174	-0.22	0.03	0.01	0.27	0.27	0.48	410000	240000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
10	23650							0	0
44.689024670	7.846624514	-0.08	0.09	-0.31	0.25	0.25	0.43	4150000	2400000
44.700109550	8.476086449	0.16	-0.02	-0.57	0.25	0.26	0.43	4200000	2400000
44.707399380	9.105733302	0.35	-0.03	-0.74	0.24	0.25	0.42	4250000	2400000
44.710892750	9.735488731	0.64	0.12	-1.00	0.27	0.28	0.47	4300000	2400000
44.710588970	10.365276280	1.35	0.28	-1.18	0.23	0.24	0.41	4350000	2400000
44.706488100	10.995019480	2.17	0.35	-1.45	0.25	0.26	0.43	4400000	2400000
44.698590950	11.624641870	2.46	0.46	-2.18	0.23	0.23	0.39	4450000	2400000
44.686899050	12.254067140	2.11	0.50	-2.97	0.24	0.25	0.44	4500000	2400000
44.671414680	12.883219190	2.24	0.46	-2.43	0.34	0.34	0.59	4550000	2400000
44.652140850	13.512022150	2.29	0.43	-1.94	0.37	0.38	0.65	4600000	2400000
44.629081330	14.140400560	2.26	0.40	-1.58	0.39	0.39	0.67	4650000	2400000
44.602240570	14.768279360	2.30	0.41	-1.44	0.37	0.37	0.65	4700000	2400000
44.571623770	15.395583980	2.39	0.51	-1.49	0.36	0.35	0.62	4750000	2400000
44.537236840	16.022240460	2.35	0.74	-1.63	0.37	0.37	0.66	4800000	2400000
44.499086400	16.648175460	2.24	0.98	-1.80	0.37	0.37	0.68	4850000	2400000
44.457179750	17.273316370	2.04	1.15	-2.04	0.35	0.34	0.64	4900000	2400000
44.411524890	17.897591380	1.67	1.13	-2.36	0.31	0.31	0.60	4950000	2400000
44.362130510	18.520929510	1.48	1.18	-2.63	0.28	0.28	0.56	5000000	2400000
44.309005940	19.143260720	1.03	1.04	-2.37	0.29	0.29	0.53	5050000	2400000
44.252161200	19.764515940	0.44	0.90	-1.90	0.24	0.24	0.43	5100000	2400000
44.191606920	20.384627170	-0.25	0.96	-1.16	0.26	0.26	0.46	5150000	2400000
44.127354380	21.003527470	-0.73	1.21	-0.47	0.24	0.24	0.43	5200000	2400000
44.059415460	21.621151100	-1.14	0.85	-0.28	0.30	0.30	0.50	5250000	2400000
43.9878026	22.237	-1.54	0.28	-0.40	0.25	0.25	0.42	5300000	2400000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
70	433500							0	0
43.912529060	22.852311410	-1.85	-0.44	-0.85	0.24	0.24	0.42	5350000	2400000
43.833608300	23.465722860	-1.70	-0.42	-0.95	0.27	0.27	0.48	5400000	2400000
43.751054570	24.077607230	-1.36	-0.13	-0.67	0.24	0.25	0.42	5450000	2400000
43.664882630	24.687905330	-1.07	-0.18	-0.65	0.25	0.25	0.43	5500000	2400000
43.575107710	25.296559400	-1.07	-0.14	-0.83	0.26	0.26	0.44	5550000	2400000
43.481745590	25.903513150	-1.28	0.04	-0.90	0.25	0.25	0.41	5600000	2400000
43.384812510	26.508711820	-1.37	-0.29	-0.72	0.26	0.26	0.45	5650000	2400000
43.284325180	27.112102200	-1.26	-0.80	-0.55	0.26	0.26	0.47	5700000	2400000
43.180300740	27.713632650	-1.08	-0.53	-0.61	0.25	0.25	0.44	5750000	2400000
43.072756800	28.313253120	-0.99	-0.43	-0.73	0.29	0.28	0.51	5800000	2400000
42.961711330	28.910915210	-0.76	-0.45	-0.83	0.38	0.38	0.68	5850000	2400000
42.222960880	32.453260410	0.42	-0.64	-0.88	0.36	0.36	0.63	6150000	2400000
42.087938860	33.035998660	0.71	-0.74	-0.99	0.33	0.32	0.56	6200000	2400000
41.949571650	33.616451710	0.89	-1.12	-1.25	0.34	0.31	0.62	6250000	2400000
41.807880030	34.194586420	0.72	-1.34	-1.48	0.35	0.34	0.62	6300000	2400000
41.662885030	34.770371310	0.45	-1.73	-1.69	0.29	0.28	0.54	6350000	2400000
41.514607840	35.343776670	0.82	-2.45	-1.49	0.31	0.31	0.57	6400000	2400000
41.363069840	35.914774440	0.86	-2.15	-1.19	0.33	0.32	0.61	6450000	2400000
41.208292560	36.483338290	0.75	-1.20	-1.04	0.34	0.33	0.63	6500000	2400000
41.050297670	37.049443550	0.85	-0.88	-0.89	0.40	0.40	0.68	6550000	2400000
40.889106960	37.613067240	1.17	-0.80	-0.79	0.38	0.38	0.64	6600000	2400000
40.724742320	38.174188020	1.67	-0.87	-0.68	0.30	0.30	0.50	6650000	2400000
40.557225720	38.732786190	1.59	-0.78	-0.58	0.34	0.34	0.57	6700000	2400000
40.3865792	39.288	1.45	-0.72	-0.54	0.31	0.31	0.59	6750000	2400000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
00	843680							0	0
40.212824850	39.842344030	1.50	-0.53	-0.46	0.31	0.31	0.60	680000	240000
40.035984790	40.393272330	1.87	-0.40	-0.12	0.33	0.33	0.61	685000	240000
39.856081160	40.941615270	2.75	-0.47	0.49	0.29	0.29	0.51	690000	240000
39.673136070	41.487361060	3.95	-0.41	0.56	0.30	0.30	0.51	695000	240000
39.487171650	42.030499410	4.29	-0.15	0.32	0.34	0.35	0.61	700000	240000
39.298209990	42.571021540	3.47	0.21	0.35	0.37	0.37	0.63	705000	240000
39.106273120	43.108920120	3.35	0.65	0.16	0.38	0.38	0.64	710000	240000
38.911383010	43.644189260	3.86	1.04	-0.17	0.37	0.37	0.60	715000	240000
38.713561560	44.176824490	16.21	-4.14	-0.44	0.41	0.33	0.59	720000	240000
38.512830580	44.706822690	16.99	-5.17	-0.47	0.49	0.40	0.69	725000	240000
38.309211770	45.234182110	17.31	-5.63	-0.49	0.54	0.43	0.77	730000	240000
38.102726730	45.758902330	17.62	-5.74	-0.51	0.58	0.44	0.82	735000	240000
37.893396900	46.280984210	18.02	-5.68	-0.55	0.61	0.45	0.85	740000	240000
37.530162230	-25.963645570	-0.25	-3.27	-2.38	0.33	0.33	0.55	125000	235000
37.737593670	-25.443158470	-0.14	-3.17	-2.55	0.18	0.19	0.30	130000	235000
37.942184800	-24.920095640	-0.09	-1.90	-2.21	0.34	0.34	0.58	135000	235000
42.431130260	-9.266309345	0.01	-0.46	-1.05	0.34	0.34	0.59	275000	235000
42.544136930	-8.674287748	0.09	-0.58	-1.05	0.25	0.25	0.42	280000	235000
42.653682460	-8.080326811	0.34	-0.57	-1.14	0.21	0.23	0.39	285000	235000
42.759749070	-7.484472476	0.17	-0.36	-1.12	0.27	0.27	0.46	290000	235000
42.862319390	-6.8867	-0.10	-0.38	-1.10	0.27	0.27	0.46	295000	235000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	72257							0	0
42.9613764 30	- 6.2872 75223	-0.16	-0.52	-1.01	0.23	0.23	0.38	300000	235000
43.0569036 40	- 5.6860 31974	0.19	-0.46	-0.81	0.23	0.24	0.40	305000	235000
43.1488848 90	- 5.0830 94614	0.31	-0.37	-0.79	0.23	0.23	0.39	310000	235000
43.2373045 20	- 4.4785 16722	0.21	-0.29	-1.12	0.21	0.21	0.36	315000	235000
43.3221473 40	- 3.8723 53320	0.07	-0.32	-1.50	0.20	0.20	0.32	320000	235000
43.4033986 50	- 3.2646 60842	-0.05	-0.34	-1.49	0.23	0.23	0.39	325000	235000
43.4810442 60	- 2.6554 97091	-0.08	-0.27	-1.38	0.29	0.29	0.48	330000	235000
43.5550705 10	- 2.0449 21204	-0.05	-0.17	-1.28	0.29	0.29	0.48	335000	235000
43.6254642 80	- 1.4329 93611	-0.09	-0.07	-1.02	0.27	0.27	0.45	340000	235000
43.6922129 80	- 0.8197 75985	-0.14	-0.01	-0.81	0.23	0.23	0.40	345000	235000
43.7553046 40	- 0.2053 31199	-0.03	-0.10	-0.96	0.23	0.23	0.40	350000	235000
43.8147278 30	0.4102 76725	0.01	-0.20	-1.18	0.26	0.26	0.46	355000	235000
43.8704717 50	1.0269 82669	-0.03	-0.20	-1.31	0.26	0.25	0.45	360000	235000
43.9225262 00	1.6447 20471	-0.02	-0.22	-1.28	0.28	0.28	0.47	365000	235000
43.9708815 90	2.2634 22985	-0.01	-0.30	-1.09	0.27	0.27	0.46	370000	235000
44.0155290 00	2.8830 22134	-0.05	-0.32	-0.85	0.26	0.26	0.45	375000	235000
44.0564601 30	3.5034 48979	-0.11	-0.22	-0.75	0.25	0.25	0.42	380000	235000
44.0936673 50	4.1246 33773	-0.12	-0.15	-0.93	0.24	0.24	0.41	385000	235000
44.1271437 00	4.7465 06031	-0.14	-0.22	-1.06	0.25	0.25	0.44	390000	235000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
44.156882890	5.368994594	-0.21	-0.29	-0.83	0.27	0.26	0.47	3950000	2350000
44.182879320	5.992027694	-0.23	-0.22	-0.44	0.27	0.26	0.49	4000000	2350000
44.205128080	6.615533029	-0.18	-0.09	-0.31	0.27	0.27	0.49	4050000	2350000
44.223624940	7.239437828	-0.18	0.02	-0.39	0.26	0.26	0.47	4100000	2350000
44.238366420	7.863668921	-0.15	0.05	-0.50	0.24	0.24	0.42	4150000	2350000
44.249349690	8.488152817	-0.04	-0.05	-0.61	0.25	0.26	0.43	4200000	2350000
44.256572680	9.112815771	0.07	-0.08	-0.82	0.24	0.25	0.43	4250000	2350000
44.260034010	9.737583858	0.27	0.09	-1.14	0.23	0.23	0.41	4300000	2350000
44.259733020	10.362383050	1.02	0.29	-1.15	0.24	0.24	0.41	4350000	2350000
44.255669760	10.987139290	2.15	0.39	-0.87	0.25	0.26	0.43	4400000	2350000
44.247845010	11.611778560	2.84	0.52	-1.15	0.23	0.24	0.40	4450000	2350000
44.236260270	12.236226950	2.79	0.69	-1.65	0.27	0.28	0.47	4500000	2350000
44.220917720	12.860410770	2.93	0.87	-1.53	0.30	0.31	0.52	4550000	2350000
44.201820300	13.484256560	2.88	0.84	-1.19	0.35	0.36	0.61	4600000	2350000
44.178971620	14.107691220	2.67	0.71	-1.07	0.38	0.38	0.65	4650000	2350000
44.152376000	14.730642040	2.61	0.54	-1.11	0.33	0.34	0.57	4700000	2350000
44.122038470	15.353036800	2.72	0.45	-1.22	0.21	0.21	0.37	4750000	2350000
44.087964740	15.974803830	2.41	0.64	-1.35	0.36	0.36	0.62	4800000	2350000
44.050161210	16.595872070	2.32	0.89	-1.57	0.36	0.36	0.66	4850000	2350000
44.008634940	17.216171150	2.20	1.15	-1.90	0.34	0.34	0.63	4900000	2350000
43.963393680	17.835631450	1.77	1.03	-2.12	0.32	0.33	0.60	4950000	2350000
43.914445820	18.454184160	1.27	0.66	-2.06	0.25	0.26	0.52	5000000	2350000
43.861800400	19.071761350	0.96	0.59	-1.93	0.32	0.32	0.56	5050000	2350000
43.805467100	19.688296030	0.44	0.52	-1.51	0.27	0.27	0.47	5100000	2350000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
43.7454562 10	20.303 722210	-0.25	0.80	-0.95	0.26	0.26	0.46	515000 0	235000 0
43.6817786 40	20.917 974920	-0.80	1.07	-0.38	0.29	0.29	0.50	520000 0	235000 0
43.6144459 00	21.530 990330	-1.24	1.00	-0.11	0.27	0.27	0.47	525000 0	235000 0
43.5434700 80	22.142 705770	-1.49	0.59	-0.45	0.26	0.26	0.45	530000 0	235000 0
43.4688638 40	22.753 059740	-1.68	0.23	-0.93	0.26	0.27	0.48	535000 0	235000 0
43.3906403 80	23.361 992030	-1.68	0.06	-0.96	0.25	0.26	0.49	540000 0	235000 0
43.3088134 60	23.969 443700	-1.52	-0.21	-0.59	0.23	0.23	0.42	545000 0	235000 0
43.2233973 50	24.575 357180	-1.29	-0.34	-0.78	0.24	0.24	0.42	550000 0	235000 0
43.1344068 30	25.179 676250	-1.23	0.02	-0.99	0.28	0.28	0.47	555000 0	235000 0
43.0418571 60	25.782 346110	-1.31	0.14	-0.96	0.26	0.26	0.43	560000 0	235000 0
42.9457640 90	26.383 313430	-1.30	-0.35	-0.66	0.28	0.28	0.47	565000 0	235000 0
42.8461438 00	26.982 526330	-1.20	-0.62	-0.49	0.29	0.29	0.51	570000 0	235000 0
42.7430129 20	27.579 934470	-1.30	-0.57	-0.48	0.25	0.25	0.47	575000 0	235000 0
42.6363885 00	28.175 489010	-1.32	-0.63	-0.59	0.29	0.29	0.57	580000 0	235000 0
41.9242802 60	31.707 355450	-0.01	-1.13	-0.79	0.40	0.40	0.72	610000 0	235000 0
41.7937095 90	32.288 700930	0.41	-1.08	-0.75	0.32	0.32	0.55	615000 0	235000 0
41.6597945 70	32.867 859710	0.77	-1.20	-0.79	0.26	0.26	0.44	620000 0	235000 0
41.5225551 70	33.444 797510	0.89	-1.51	-0.94	0.32	0.33	0.57	625000 0	235000 0
41.3820115 80	34.019 481710	0.79	-1.76	-1.07	0.31	0.32	0.58	630000 0	235000 0
41.2381842 30	34.591 881310	6.12	-12.22	-1.14	0.40	0.51	0.59	635000 0	235000 0
41.0910937 20	35.161 966980	6.13	-12.44	-1.01	0.38	0.49	0.57	640000 0	235000 0
40.9407608 20	35.729 711040	6.26	-13.34	-0.93	0.32	0.45	0.54	645000 0	235000 0
40.7872064 70	36.295 087410	6.10	-13.25	-0.85	0.32	0.46	0.58	650000 0	235000 0
40.6304517 40	36.858 071660	5.63	-12.44	-0.72	0.34	0.47	0.62	655000 0	235000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40.4705178 40	37.418 640970	5.14	-12.01	-0.70	0.29	0.42	0.59	660000 0	235000 0
40.3074260 60	37.976 774110	5.54	-12.47	-0.43	0.30	0.44	0.56	665000 0	235000 0
40.1411977 80	38.532 451430	5.88	-13.14	-0.40	0.29	0.44	0.56	670000 0	235000 0
39.9718544 60	39.085 654860	5.64	-13.19	-0.55	0.29	0.44	0.58	675000 0	235000 0
39.7994176 10	39.636 367880	4.85	-12.53	-0.71	0.34	0.46	0.62	680000 0	235000 0
39.6239087 70	40.184 575510	12.16	-8.73	-0.41	0.39	0.43	0.65	685000 0	235000 0
39.4453495 00	40.730 264250	12.78	-8.76	0.05	0.40	0.44	0.63	690000 0	235000 0
39.2637613 70	41.273 422140	13.46	-8.28	0.16	0.42	0.44	0.62	695000 0	235000 0
39.0791659 30	41.814 038650	14.03	-7.40	0.08	0.42	0.43	0.64	700000 0	235000 0
38.8915847 20	42.352 104700	14.49	-6.34	0.07	0.40	0.40	0.68	705000 0	235000 0
38.7010392 20	42.887 612660	15.13	-5.47	-0.04	0.42	0.40	0.68	710000 0	235000 0
38.5075508 70	43.420 556260	15.90	-4.66	-0.19	0.41	0.37	0.63	715000 0	235000 0
38.3111410 40	43.950 930620	16.99	-4.52	-0.26	0.38	0.29	0.51	720000 0	235000 0
38.1118310 00	44.478 732210	17.28	-5.13	-0.29	0.44	0.35	0.60	725000 0	235000 0
37.9096419 50	45.003 958800	17.06	-5.38	-0.35	0.51	0.40	0.74	730000 0	235000 0
37.7045949 70	45.526 609470	17.30	-5.44	-0.42	0.56	0.43	0.81	735000 0	235000 0
37.4967110 10	46.046 684550	17.75	-5.38	-0.50	0.59	0.44	0.84	740000 0	235000 0
37.1321129 80	- 25.733 499710	-0.34	-3.17	-2.12	0.35	0.36	0.61	125000 0	230000 0
37.3381216 70	- 25.215 020840	-0.36	-3.38	-2.23	0.30	0.31	0.50	130000 0	230000 0
37.5412980 30	- 24.694 027580	-0.21	-2.23	-2.02	0.36	0.37	0.63	135000 0	230000 0
41.9960365 50	- 9.1240 17126	-0.01	-0.58	-1.15	0.31	0.32	0.54	275000 0	230000 0
42.1080961 30	- 8.5358 89443	0.07	-0.66	-1.24	0.24	0.24	0.40	280000 0	230000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
42.2167191 50	- 7.9458 78839	0.23	-0.54	-1.32	0.22	0.23	0.39	285000 0	230000 0
42.3218883 80	- 7.3540 30191	0.12	-0.37	-1.27	0.25	0.26	0.43	290000 0	230000 0
42.4235869 50	- 6.7603 89880	-0.17	-0.39	-1.17	0.24	0.25	0.43	295000 0	230000 0
42.5217984 20	- 6.1650 05781	-0.19	-0.51	-0.99	0.24	0.24	0.40	300000 0	230000 0
42.6165067 10	- 5.5679 27230	0.06	-0.55	-0.87	0.24	0.24	0.39	305000 0	230000 0
42.7076962 10	- 4.9692 05005	0.29	-0.50	-0.98	0.29	0.29	0.49	310000 0	230000 0
42.7953517 50	- 4.3688 91294	0.33	-0.50	-1.20	0.28	0.28	0.47	315000 0	230000 0
42.8794585 90	- 3.7670 39667	0.17	-0.49	-1.31	0.26	0.26	0.43	320000 0	230000 0
42.9600025 10	- 3.1637 05040	-0.11	-0.42	-1.21	0.24	0.24	0.39	325000 0	230000 0
43.0369697 60	- 2.5589 43640	-0.18	-0.31	-1.18	0.23	0.23	0.38	330000 0	230000 0
43.1103471 10	- 1.9528 12970	-0.08	-0.19	-1.19	0.22	0.22	0.36	335000 0	230000 0
43.1801218 50	- 1.3453 71762	-0.12	-0.08	-0.94	0.24	0.24	0.40	340000 0	230000 0
43.2462818 10	- 0.7366 79941	-0.20	-0.05	-0.73	0.23	0.23	0.39	345000 0	230000 0
43.3088153 70	- 0.1267 98572	-0.12	-0.14	-0.75	0.24	0.24	0.41	350000 0	230000 0
43.3677115 00	0.4842 10180	-0.02	-0.23	-0.85	0.24	0.24	0.42	355000 0	230000 0
43.4229597 20	1.0962 83105	0.02	-0.27	-0.98	0.25	0.25	0.42	360000 0	230000 0
43.4745501 70	1.7093 55999	-0.02	-0.29	-1.06	0.25	0.25	0.42	365000 0	230000 0
43.5224735 80	2.3233 63719	-0.10	-0.26	-0.93	0.26	0.26	0.45	370000 0	230000 0
43.5667213	2.9382	-0.18	-0.19	-0.78	0.23	0.23	0.40	375000	230000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
00	40236							0	0
43.6072853 20	3.5539 18695	-0.15	-0.12	-0.97	0.24	0.24	0.40	380000 0	230000 0
43.6441582 50	4.1703 31476	-0.10	-0.22	-1.37	0.22	0.22	0.38	385000 0	230000 0
43.6773333 50	4.7874 10254	-0.06	-0.34	-1.54	0.25	0.24	0.42	390000 0	230000 0
43.7068045 40	5.4050 86061	-0.11	-0.25	-1.14	0.25	0.25	0.43	395000 0	230000 0
43.7325664 10	6.0232 89351	-0.10	-0.08	-0.72	0.24	0.24	0.42	400000 0	230000 0
43.7546142 10	6.6419 50068	-0.06	-0.09	-0.81	0.25	0.26	0.43	405000 0	230000 0
43.7729438 50	7.2609 97709	-0.16	-0.20	-0.95	0.20	0.21	0.35	410000 0	230000 0
43.7875519 50	7.8803 61394	-0.20	-0.18	-0.82	0.29	0.29	0.50	415000 0	230000 0
43.7984358 00	8.4999 69934	-0.08	-0.14	-0.85	0.34	0.34	0.58	420000 0	230000 0
43.8055933 80	9.1197 51898	0.00	-0.11	-1.04	0.34	0.35	0.58	425000 0	230000 0
43.8090233 50	9.7396 35689	0.12	-0.05	-1.33	0.29	0.30	0.51	430000 0	230000 0
43.8087250 90	10.359 549610	0.49	-0.03	-1.26	0.25	0.26	0.44	435000 0	230000 0
43.8046986 40	10.979 421920	1.32	-0.08	-0.42	0.21	0.22	0.38	440000 0	230000 0
43.7969447 50	11.599 180950	2.07	-0.01	-0.14	0.26	0.27	0.45	445000 0	230000 0
43.7854648 60	12.218 755100	2.67	0.45	-0.30	0.26	0.27	0.44	450000 0	230000 0
43.7702611 10	12.838 073000	3.46	1.11	-0.33	0.22	0.23	0.38	455000 0	230000 0
43.7513363 20	13.457 063480	3.69	1.27	-0.21	0.26	0.27	0.45	460000 0	230000 0
43.7286939 80	14.075 655740	3.10	1.08	-0.48	0.35	0.35	0.60	465000 0	230000 0
43.7023382 80	14.693 779330	2.71	0.81	-0.76	0.36	0.37	0.62	470000 0	230000 0
43.6722740 80	15.311 364270	2.54	0.64	-0.94	0.35	0.35	0.60	475000 0	230000 0
43.6385069 00	15.928 341110	2.41	0.62	-1.04	0.35	0.35	0.62	480000 0	230000 0
43.6010429 30	16.544 640970	2.43	0.71	-1.19	0.28	0.28	0.57	485000 0	230000 0
43.5598890 10	17.160 195640	2.30	0.99	-1.67	0.33	0.33	0.63	490000 0	230000 0
43.5150526	17.774	2.04	0.89	-1.97	0.34	0.34	0.63	495000	230000

#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
20	937620							0	0
43.466541890	18.388800190	1.58	0.58	-1.91	0.35	0.35	0.62	500000	230000
43.414365560	19.001717440	1.06	0.33	-1.60	0.34	0.34	0.60	505000	230000
43.358532990	19.613624390	0.43	0.07	-1.10	0.21	0.22	0.45	510000	230000
43.299054160	20.224456980	-0.25	0.58	-0.89	0.27	0.28	0.50	515000	230000
43.235939610	20.834152170	-0.93	0.84	-0.64	0.28	0.28	0.50	520000	230000
43.169200500	21.442647970	-1.51	0.68	-0.52	0.27	0.27	0.48	525000	230000
43.098848510	22.049883490	-1.79	0.43	-0.88	0.27	0.28	0.48	530000	230000
43.024895910	22.655798990	-1.86	0.48	-1.40	0.24	0.24	0.42	535000	230000
42.947355490	23.260335940	-1.88	0.29	-1.17	0.26	0.26	0.45	540000	230000
42.866240560	23.863437030	-1.84	-0.18	-0.63	0.24	0.24	0.42	545000	230000
42.781564960	24.465046240	-1.71	-0.22	-0.66	0.23	0.23	0.40	550000	230000
42.693342990	25.065108880	-1.43	0.22	-0.84	0.26	0.26	0.43	555000	230000
42.601589440	25.663571590	-1.14	0.15	-0.72	0.26	0.26	0.44	560000	230000
42.506319580	26.260382400	-1.05	-0.23	-0.53	0.27	0.27	0.47	565000	230000
42.407549090	26.855490770	-0.96	0.03	-0.47	0.29	0.29	0.51	570000	230000
42.305294100	27.448847600	-1.10	0.13	-0.47	0.23	0.23	0.46	575000	230000
42.199571120	28.040405240	-1.43	-0.69	-0.54	0.23	0.23	0.56	580000	230000
42.090397080	28.630117550	-1.22	-0.77	-0.62	0.36	0.36	0.68	585000	230000
41.619541350	30.969643930	-0.60	-1.85	-0.82	0.41	0.41	0.74	605000	230000
41.493378190	31.549490950	-0.27	-1.81	-0.71	0.40	0.40	0.71	610000	230000
41.363872690	32.127248080	0.16	-1.77	-0.62	0.35	0.35	0.60	615000	230000
41.231043980	32.702880040	0.56	-2.16	-0.58	0.10	0.10	0.27	620000	230000
41.094911470	33.276353150	0.65	-1.72	-0.54	0.34	0.35	0.55	625000	230000
40.9554947	33.847	1.47	-19.84	-0.50	0.35	0.36	0.55	630000	230000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
70	635330							0	0
40.812813720	34.416696060	2.54	-19.46	-0.62	0.36	0.36	0.59	6350000	2300000
40.666888340	34.983506420	3.52	-18.73	-0.77	0.29	0.28	0.52	6400000	2300000
40.517738850	35.548039080	4.92	-20.02	-0.80	0.29	0.30	0.54	6450000	2300000
40.365385590	36.110268280	5.91	-19.79	-0.66	0.30	0.31	0.55	6500000	2300000
40.209849050	36.670169800	6.51	-18.68	-0.43	0.28	0.29	0.53	6550000	2300000
40.051149870	37.227721020	7.20	-18.35	-0.34	0.30	0.30	0.55	6600000	2300000
39.889308770	37.782900820	8.42	-17.87	-0.42	0.32	0.33	0.59	6650000	2300000
39.724346550	38.335689660	9.62	-17.63	-0.63	0.31	0.31	0.58	6700000	2300000
39.556284110	38.886069470	5.30	-13.05	-0.94	0.31	0.45	0.59	6750000	2300000
39.385142380	39.434023720	4.12	-12.46	-1.22	0.30	0.44	0.58	6800000	2300000
39.210942360	39.979537340	11.37	-8.39	-0.83	0.33	0.36	0.61	6850000	2300000
39.033705040	40.522596730	12.28	-9.14	-0.15	0.33	0.35	0.62	6900000	2300000
38.853451440	41.063189740	13.22	-8.32	0.07	0.38	0.40	0.65	6950000	2300000
38.670202570	41.601305660	13.84	-7.20	0.07	0.39	0.39	0.66	7000000	2300000
38.483979420	42.136935150	14.18	-5.91	-0.02	0.34	0.33	0.67	7050000	2300000
38.294802950	42.670070280	14.97	-5.20	-0.12	0.39	0.35	0.68	7100000	2300000
38.102694070	43.200704470	15.96	-4.66	-0.24	0.39	0.32	0.63	7150000	2300000
37.907673610	43.728832480	17.06	-5.01	-0.17	0.38	0.30	0.54	7200000	2300000
37.709762360	44.254450360	16.90	-5.20	-0.17	0.42	0.33	0.60	7250000	2300000
37.508980990	44.777555470	16.35	-5.19	-0.21	0.46	0.36	0.71	7300000	2300000
37.305350090	45.298146410	16.87	-5.18	-0.35	0.53	0.42	0.79	7350000	2300000
37.098890110	45.816223040	17.48	-5.09	-0.46	0.58	0.44	0.84	7400000	2300000
36.732947190	-25.507115970	-0.40	-2.90	-1.84	0.35	0.37	0.62	1250000	2250000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
36.9375546 80	- 24.990 636010	-0.55	-3.72	-1.95	0.23	0.27	0.42	130000 0	225000 0
37.1393379 20	- 24.471 701580	-0.30	-2.27	-1.76	0.38	0.39	0.67	135000 0	225000 0
41.5604613 10	- 8.9844 54861	0.01	-0.69	-1.26	0.31	0.31	0.54	275000 0	225000 0
41.6715921 30	- 8.4001 56988	0.06	-0.74	-1.35	0.22	0.23	0.40	280000 0	225000 0
41.7793106 00	- 7.8140 30683	0.17	-0.54	-1.25	0.25	0.25	0.44	285000 0	225000 0
41.8836000 00	- 7.2261 19778	0.25	-0.44	-1.29	0.23	0.23	0.39	290000 0	225000 0
41.9844439 90	- 6.6364 69550	0.22	-0.53	-1.31	0.22	0.22	0.37	295000 0	225000 0
42.0818266 00	- 6.0451 26703	0.07	-0.54	-1.11	0.30	0.30	0.49	300000 0	225000 0
42.1757322 60	- 5.4521 39345	0.18	-0.47	-1.06	0.26	0.26	0.43	305000 0	225000 0
42.2661458 40	- 4.8575 56961	0.28	-0.42	-1.25	0.29	0.29	0.47	310000 0	225000 0
42.3530526 20	- 4.2614 30387	0.34	-0.46	-1.43	0.28	0.28	0.47	315000 0	225000 0
42.4364383 30	- 3.6638 11781	0.27	-0.47	-1.45	0.24	0.24	0.40	320000 0	225000 0
42.5162891 90	- 3.0647 54587	-0.06	-0.41	-1.09	0.24	0.24	0.40	325000 0	225000 0
42.5925918 80	- 2.4643 13505	-0.19	-0.37	-0.85	0.22	0.22	0.37	330000 0	225000 0
42.6653335 80	- 1.8625 44450	-0.15	-0.31	-0.76	0.23	0.23	0.38	335000 0	225000 0
42.7345019 90	- 1.2595 04516	-0.19	-0.19	-0.63	0.23	0.23	0.39	340000 0	225000 0
42.8000853 10	- 0.6552 51933	-0.30	-0.07	-0.55	0.23	0.23	0.39	345000 0	225000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
42.8620723 00	- 0.0498 46022	-0.28	-0.07	-0.56	0.26	0.26	0.43	350000 0	225000 0
42.9204522 80	0.5566 52848	-0.19	-0.11	-0.55	0.24	0.24	0.41	355000 0	225000 0
42.9752151 00	1.1641 83311	-0.13	-0.14	-0.62	0.22	0.22	0.38	360000 0	225000 0
43.0263512 20	1.7726 83050	-0.14	-0.15	-0.76	0.24	0.24	0.42	365000 0	225000 0
43.0738516 70	2.3820 88854	-0.16	-0.09	-0.75	0.24	0.24	0.41	370000 0	225000 0
43.1177080 80	2.9923 36667	-0.16	-0.05	-0.80	0.25	0.25	0.43	375000 0	225000 0
43.1579126 90	3.6033 61645	-0.10	-0.09	-1.13	0.27	0.27	0.46	380000 0	225000 0
43.1944583 60	4.2150 98216	-0.04	-0.22	-1.48	0.31	0.31	0.53	385000 0	225000 0
43.2273385 60	4.8274 80134	0.02	-0.31	-1.68	0.28	0.28	0.48	390000 0	225000 0
43.2565474 20	5.4404 40541	-0.06	-0.21	-1.39	0.17	0.19	0.35	395000 0	225000 0
43.2820796 90	6.0539 12030	-0.17	-0.14	-0.98	0.25	0.26	0.44	400000 0	225000 0
43.3039307 80	6.6678 26705	-0.09	-0.21	-1.08	0.23	0.23	0.40	405000 0	225000 0
43.3220967 50	7.2821 16246	-0.08	-0.25	-1.15	0.31	0.31	0.52	410000 0	225000 0
43.3365743 10	7.8967 11974	-0.09	-0.24	-1.04	0.36	0.36	0.61	415000 0	225000 0
43.3544543 90	9.1265 45865	0.05	-0.20	-1.10	0.35	0.35	0.60	425000 0	225000 0
43.3578536 80	9.7416 45461	0.10	-0.27	-1.35	0.29	0.30	0.51	430000 0	225000 0
43.3575580 80	10.356 774240	0.28	-0.49	-1.20	0.30	0.30	0.51	435000 0	225000 0
43.3535676 50	10.971 862720	0.66	-0.76	-0.61	0.27	0.27	0.46	440000 0	225000 0
43.3458831 20	11.586 841450	1.24	-0.84	-0.04	0.26	0.27	0.46	445000 0	225000 0
43.3345058 70	12.201 641080	1.85	-0.40	0.08	0.20	0.21	0.35	450000 0	225000 0
43.3194379 80	12.816 192440	2.91	0.68	0.10	0.22	0.23	0.39	455000 0	225000 0
43.3006821 50	13.430 426610	3.69	1.47	0.21	0.22	0.23	0.40	460000 0	225000 0
43.2782417 90	14.044 274960	3.20	1.43	-0.20	0.31	0.32	0.54	465000 0	225000 0
43.2223243 00	15.270 541590	2.47	0.84	-0.78	0.39	0.39	0.68	475000 0	225000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
43.1888572 10	15.882 824730	2.38	0.69	-0.92	0.38	0.38	0.68	480000 0	225000 0
43.1517256 60	16.494 451880	2.38	0.69	-1.14	0.35	0.35	0.65	485000 0	225000 0
43.1109362 70	17.105 356900	2.42	0.81	-1.60	0.36	0.36	0.65	490000 0	225000 0
43.0664962 70	17.715 474330	2.53	0.84	-2.07	0.31	0.31	0.57	495000 0	225000 0
43.0184135 40	18.324 739450	2.18	0.61	-1.99	0.33	0.33	0.57	500000 0	225000 0
42.9666965 20	18.933 088330	1.35	0.29	-1.50	0.36	0.36	0.62	505000 0	225000 0
42.9113543 00	19.540 457900	0.54	0.19	-1.02	0.34	0.34	0.60	510000 0	225000 0
42.8523965 00	20.146 786000	-0.22	0.51	-0.83	0.30	0.30	0.55	515000 0	225000 0
42.7898333 60	20.752 011400	-1.09	0.73	-0.91	0.28	0.29	0.52	520000 0	225000 0
42.7236756 60	21.356 073920	-1.83	0.58	-0.92	0.29	0.30	0.52	525000 0	225000 0
42.6539347 20	21.958 914400	-2.25	0.42	-1.03	0.28	0.28	0.48	530000 0	225000 0
42.5806224 30	22.560 474780	-2.46	0.45	-1.18	0.25	0.25	0.42	535000 0	225000 0
42.5037511 50	23.160 698170	-2.43	0.43	-0.93	0.22	0.22	0.38	540000 0	225000 0
42.4233338 10	23.759 528840	-2.27	0.28	-0.48	0.25	0.25	0.42	545000 0	225000 0
42.3393837 80	24.356 912270	-2.04	0.37	-0.39	0.24	0.24	0.42	550000 0	225000 0
42.2519149 50	24.952 795250	-1.67	0.48	-0.49	0.24	0.24	0.43	555000 0	225000 0
42.1609416 40	25.547 125810	-1.16	0.09	-0.46	0.26	0.26	0.45	560000 0	225000 0
42.0664786 30	26.139 853340	-0.89	0.03	-0.45	0.27	0.28	0.47	565000 0	225000 0
41.9685411 50	26.730 928560	-1.00	0.51	-0.53	0.30	0.30	0.52	570000 0	225000 0
41.8671448 10	27.320 303600	-1.12	0.85	-0.55	0.26	0.26	0.48	575000 0	225000 0
41.7623056 50	27.907 931970	-1.46	-0.52	-0.54	0.27	0.27	0.53	580000 0	225000 0
41.6540400 70	28.493 768640	-1.41	-0.80	-0.58	0.34	0.34	0.62	585000 0	225000 0
41.5423648 50	29.077 769990	-1.33	-1.05	-0.65	0.35	0.35	0.63	590000 0	225000 0
41.4272971 10	29.659 893910	-1.23	-2.09	-0.79	0.37	0.37	0.64	595000 0	225000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
41.308854290	30.240099730	-1.19	-2.62	-0.91	0.37	0.37	0.64	600000	225000
41.187054170	30.818348320	-1.09	-3.03	-0.86	0.37	0.37	0.66	605000	225000
41.061914800	31.394602020	-0.64	-2.60	-0.61	0.39	0.39	0.67	610000	225000
40.933454510	31.968824700	-0.15	-2.08	-0.46	0.38	0.38	0.63	615000	225000
40.801691910	32.540981760	-1.57	-21.07	-0.47	0.35	0.36	0.55	620000	225000
40.666645840	33.111040120	-0.45	-20.39	-0.37	0.33	0.33	0.54	625000	225000
40.528335360	33.678968210	0.88	-19.47	-0.09	0.21	0.22	0.38	630000	225000
40.386779750	34.244736020	2.11	-19.66	-0.29	0.29	0.30	0.51	635000	225000
40.241998460	34.808315050	3.27	-19.35	-0.54	0.30	0.30	0.54	640000	225000
40.094011150	35.369678320	4.58	-19.57	-0.71	0.34	0.34	0.58	645000	225000
39.942837600	35.928800380	5.71	-19.58	-0.62	0.31	0.31	0.54	650000	225000
39.788497760	36.485657280	6.42	-19.07	-0.37	0.31	0.32	0.53	655000	225000
39.631011680	37.040226580	7.15	-18.63	-0.16	0.23	0.24	0.44	660000	225000
39.470399520	37.592487340	8.21	-17.39	-0.63	0.33	0.34	0.60	665000	225000
39.306681560	38.142420080	9.17	-16.41	-1.09	0.26	0.28	0.55	670000	225000
39.139878110	38.690006810	9.75	-16.01	-1.43	0.28	0.28	0.54	675000	225000
38.970009580	39.235230980	9.82	-15.42	-1.41	0.29	0.29	0.56	680000	225000
38.797096400	39.778077480	10.96	-15.55	-0.84	0.31	0.31	0.61	685000	225000
38.621159030	40.318532620	12.68	-8.70	-0.12	0.34	0.35	0.62	690000	225000
38.442217950	40.856584110	13.40	-8.02	0.19	0.37	0.37	0.66	695000	225000
38.260293650	41.392221070	13.85	-7.05	0.26	0.36	0.36	0.66	700000	225000
38.075406580	41.925433940	14.18	-6.16	0.14	0.34	0.31	0.66	705000	225000
37.887577180	42.456214530	14.87	-5.43	-0.01	0.39	0.36	0.70	710000	225000
37.696825840	42.984555970	15.65	-5.00	-0.14	0.42	0.36	0.70	715000	225000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
37.5031729 00	43.510 452690	16.21	-5.07	-0.16	0.44	0.38	0.70	720000 0	225000 0
37.3066386 30	44.033 900380	16.14	-5.10	-0.15	0.45	0.38	0.71	725000 0	225000 0
37.1072432 20	44.554 896010	15.88	-5.01	-0.17	0.45	0.36	0.73	730000 0	225000 0
36.9050067 60	45.073 437750	16.63	-4.95	-0.33	0.52	0.42	0.80	735000 0	225000 0
36.6999492 30	45.589 525000	17.30	-4.81	-0.45	0.57	0.45	0.84	740000 0	225000 0
36.3326791 60	- 25.284 421370	-0.29	-1.98	-1.54	0.40	0.41	0.73	125000 0	220000 0
36.5359066 80	- 24.769 930350	-0.33	-2.23	-1.58	0.38	0.39	0.69	130000 0	220000 0
41.0108142 10	- 9.4262 66659	-0.05	-0.57	-1.14	0.38	0.38	0.68	270000 0	220000 0
41.1244060 80	- 8.8475 52893	-0.04	-0.76	-1.20	0.28	0.28	0.50	275000 0	220000 0
41.2346260 10	- 8.2670 21931	0.02	-0.78	-1.16	0.27	0.28	0.47	280000 0	220000 0
41.3414574 30	- 7.6847 15176	0.13	-0.67	-1.07	0.28	0.28	0.47	285000 0	220000 0
41.4448841 20	- 7.1006 75438	0.24	-0.65	-1.20	0.24	0.25	0.41	290000 0	220000 0
41.5448902 40	- 6.5149 46913	0.26	-0.67	-1.31	0.25	0.25	0.41	295000 0	220000 0
41.6414602 90	- 5.9275 75165	0.12	-0.60	-1.09	0.27	0.27	0.44	300000 0	220000 0
41.7345791 80	- 5.3386 07101	0.08	-0.47	-1.00	0.25	0.25	0.41	305000 0	220000 0
41.8242322 40	- 4.7480 90949	0.10	-0.40	-1.26	0.22	0.22	0.37	310000 0	220000 0
41.9104052 00	- 4.1560 76230	0.10	-0.45	-1.39	0.29	0.29	0.47	315000 0	220000 0
41.9930842 40	- 3.5626 13728	0.03	-0.46	-1.30	0.30	0.30	0.50	320000 0	220000 0
42.0722559 80	- 2.9677	-0.13	-0.44	-1.08	0.26	0.26	0.43	325000 0	220000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	55461								
42.1479075 40	- 2.3715 54646	-0.27	-0.41	-0.79	0.24	0.24	0.39	330000 0	220000 0
42.2200264 80	- 1.7740 65661	-0.33	-0.33	-0.70	0.23	0.23	0.37	335000 0	220000 0
42.2886009 00	- 1.1753 44014	-0.31	-0.18	-0.66	0.23	0.23	0.38	340000 0	220000 0
42.3536193 60	- 0.5754 46294	-0.33	-0.01	-0.61	0.23	0.23	0.40	345000 0	220000 0
42.4150709 90	0.0255 69865	-0.35	0.00	-0.56	0.25	0.25	0.42	350000 0	220000 0
42.4729454 40	0.6276 45827	-0.33	-0.11	-0.52	0.28	0.28	0.48	355000 0	220000 0
42.5272328 80	1.2307 22007	-0.32	-0.13	-0.51	0.26	0.26	0.44	360000 0	220000 0
42.5779240 70	1.8347 37912	-0.25	-0.06	-0.53	0.23	0.23	0.40	365000 0	220000 0
42.6250103 30	2.4396 32192	-0.11	0.06	-0.46	0.20	0.20	0.36	370000 0	220000 0
42.6684835 70	3.0453 42696	-0.12	-0.03	-0.62	0.24	0.24	0.43	375000 0	220000 0
42.7083362 60	3.6518 06518	-0.14	-0.12	-0.97	0.34	0.34	0.57	380000 0	220000 0
42.7771529 70	4.8667 39075	-0.08	-0.20	-1.36	0.37	0.37	0.64	390000 0	220000 0
42.8061049 90	5.4750 78743	-0.17	-0.20	-1.23	0.34	0.34	0.60	395000 0	220000 0
42.8314124 80	6.0839 13712	-0.34	-0.23	-1.02	0.28	0.29	0.51	400000 0	220000 0
42.8530710 00	6.6931 78166	-0.21	-0.24	-1.07	0.32	0.32	0.56	405000 0	220000 0
42.8710767 30	7.3028 05888	-0.09	-0.25	-1.15	0.37	0.38	0.65	410000 0	220000 0
42.8961177 60	8.5228 84600	0.07	-0.30	-1.09	0.34	0.35	0.59	420000 0	220000 0
42.9031486 40	9.1332 01688	0.15	-0.28	-1.01	0.28	0.28	0.48	425000 0	220000 0
42.9065178 80	9.7436 14362	0.16	-0.44	-1.14	0.26	0.26	0.44	430000 0	220000 0
42.9062249 00	10.354 055320	0.19	-0.86	-1.22	0.25	0.26	0.44	435000 0	220000 0
42.9022697 30	10.964 457220	0.47	-1.32	-0.75	0.21	0.22	0.38	440000 0	220000 0
42.8946530 90	11.574 752770	0.89	-1.54	-0.28	0.23	0.24	0.41	445000 0	220000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
42.8833763 20	12.184 874780	1.21	-1.44	-0.47	0.22	0.23	0.39	450000 0	220000 0
42.8684414 10	12.794 756220	1.94	-0.50	-0.55	0.25	0.25	0.43	455000 0	220000 0
42.8498510 10	13.404 330280	2.97	0.93	-0.32	0.23	0.24	0.41	460000 0	220000 0
42.8276083 80	14.013 530460	3.00	1.58	-0.44	0.23	0.25	0.43	465000 0	220000 0
42.8017174 60	14.622 290590	2.76	1.34	-0.59	0.34	0.35	0.59	470000 0	220000 0
42.7721827 70	15.230 544930	2.59	1.01	-0.71	0.38	0.39	0.67	475000 0	220000 0
42.7390094 90	15.838 228220	2.49	0.79	-0.87	0.39	0.39	0.69	480000 0	220000 0
42.7022034 20	16.445 275700	2.45	0.70	-1.11	0.39	0.39	0.70	485000 0	220000 0
42.6617709 60	17.051 623250	2.51	0.70	-1.47	0.39	0.39	0.68	490000 0	220000 0
42.6177191 20	17.657 207370	2.77	0.73	-1.91	0.33	0.33	0.56	495000 0	220000 0
42.5700555 10	18.261 965260	2.76	0.61	-2.03	0.24	0.25	0.42	500000 0	220000 0
42.5187883 20	18.865 834910	1.58	0.18	-1.36	0.35	0.36	0.61	505000 0	220000 0
42.4639263 20	19.468 755100	0.61	-0.02	-0.76	0.33	0.33	0.59	510000 0	220000 0
42.4054788 60	20.070 665470	-0.34	0.27	-0.41	0.20	0.23	0.47	515000 0	220000 0
42.3434558 20	20.671 506600	-1.42	0.80	-0.75	0.27	0.28	0.52	520000 0	220000 0
42.2778676 60	21.271 219990	-2.13	1.07	-0.85	0.27	0.28	0.50	525000 0	220000 0
42.2087253 40	21.869 748190	-2.58	0.92	-0.76	0.26	0.26	0.45	530000 0	220000 0
42.1360403 60	22.467 034770	-3.00	0.46	-0.56	0.24	0.24	0.42	535000 0	220000 0
42.0598247 30	23.063 024400	-3.15	0.27	-0.34	0.24	0.24	0.41	540000 0	220000 0
41.9800909 40	23.657 662890	-2.93	0.45	-0.20	0.24	0.24	0.40	545000 0	220000 0
41.8968519 60	24.250 897210	-2.64	0.41	-0.28	0.28	0.28	0.46	550000 0	220000 0
41.8101212 50	24.842 675540	-2.34	0.06	-0.42	0.25	0.25	0.43	555000 0	220000 0
41.7199126 90	25.432 947290	-1.93	-0.22	-0.53	0.23	0.23	0.40	560000 0	220000 0
41.6262406 10	26.021 663150	-1.46	-0.15	-0.62	0.24	0.25	0.42	565000 0	220000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
41.5291197 70	26.608 775100	-1.68	0.08	-0.71	0.23	0.24	0.44	570000 0	220000 0
41.4285653 10	27.194 236450	-1.81	0.05	-0.67	0.29	0.29	0.50	575000 0	220000 0
41.3245927 80	27.778 001840	-1.85	-0.74	-0.62	0.24	0.24	0.47	580000 0	220000 0
41.2172181 00	28.360 027310	-1.57	-0.91	-0.63	0.31	0.31	0.54	585000 0	220000 0
41.1064575 40	28.940 270270	-1.56	-0.94	-0.59	0.15	0.15	0.34	590000 0	220000 0
40.9923277 20	29.518 689530	-1.32	-4.64	-0.80	0.26	0.26	0.45	595000 0	220000 0
40.8748455 60	30.095 245360	-1.54	-3.48	-1.05	0.21	0.21	0.41	600000 0	220000 0
40.7540283 20	30.669 899410	-1.59	-4.47	-0.91	0.26	0.26	0.52	605000 0	220000 0
40.6298935 30	31.242 614840	-2.54	-21.88	-0.34	0.37	0.37	0.60	610000 0	220000 0
40.5024589 80	31.813 356210	-2.45	-21.84	-0.19	0.35	0.35	0.60	615000 0	220000 0
40.3717427 60	32.382 089580	-2.48	-21.58	-0.52	0.28	0.29	0.53	620000 0	220000 0
40.2377631 60	32.948 782470	-1.15	-21.30	-0.76	0.31	0.31	0.53	625000 0	220000 0
40.1005387 00	33.513 403860	0.58	-20.65	-0.63	0.31	0.31	0.52	630000 0	220000 0
39.9600881 10	34.075 924210	1.88	-20.19	-0.51	0.30	0.31	0.53	635000 0	220000 0
39.8164303 30	34.636 315460	3.10	-19.91	-0.68	0.28	0.28	0.52	640000 0	220000 0
39.6695844 40	35.194 551000	4.39	-19.51	-0.89	0.32	0.32	0.57	645000 0	220000 0
39.5195696 90	35.750 605700	5.53	-19.38	-0.85	0.27	0.27	0.49	650000 0	220000 0
39.3664054 90	36.304 455880	6.27	-18.78	-0.70	0.32	0.32	0.53	655000 0	220000 0
39.2101113 30	36.856 079320	7.12	-17.77	-0.70	0.35	0.35	0.60	660000 0	220000 0
39.0507068 50	37.405 455240	8.10	-16.78	-0.98	0.34	0.34	0.62	665000 0	220000 0
38.8882117 70	37.952 564280	9.07	-15.87	-1.27	0.33	0.34	0.61	670000 0	220000 0
38.7226458 80	38.497 388510	9.87	-15.31	-1.37	0.31	0.32	0.59	675000 0	220000 0
38.5540290 30	39.039 911420	10.61	-15.12	-1.06	0.31	0.32	0.62	680000 0	220000 0
38.3823811 40	39.580 117860	12.89	-8.26	-0.35	0.29	0.28	0.58	685000 0	220000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
38.2077221 50	40.117 994090	13.64	-8.11	0.17	0.30	0.30	0.58	690000 0	220000 0
38.0300719 90	40.653 527710	13.84	-7.51	0.49	0.33	0.34	0.62	695000 0	220000 0
37.8494506 50	41.186 707680	14.02	-6.81	0.67	0.25	0.24	0.57	700000 0	220000 0
37.6658780 60	41.717 524250	14.31	-6.21	0.54	0.34	0.32	0.64	705000 0	220000 0
37.4793741 50	42.245 969030	14.82	-5.65	0.23	0.40	0.38	0.72	710000 0	220000 0
37.2899588 20	42.772 034870	15.38	-5.28	0.00	0.44	0.41	0.76	715000 0	220000 0
37.0976519 00	43.295 715890	15.79	-5.12	-0.12	0.46	0.42	0.78	720000 0	220000 0
36.9024731 70	43.817 007490	15.97	-5.01	-0.19	0.48	0.42	0.79	725000 0	220000 0
36.7044423 30	44.335 906240	16.17	-4.87	-0.26	0.50	0.43	0.80	730000 0	220000 0
36.5035790 20	44.852 409940	16.66	-4.72	-0.37	0.53	0.45	0.83	735000 0	220000 0
40.5751966 40	- 9.2883 04339	-0.07	-0.64	-1.16	0.36	0.36	0.64	270000 0	215000 0
40.6878720 60	- 8.7132 43956	-0.10	-0.83	-1.19	0.22	0.22	0.43	275000 0	215000 0
40.7971985 20	- 8.1364 18187	0.05	-0.85	-1.02	0.25	0.25	0.44	280000 0	215000 0
40.9031599 60	- 7.5578 67493	0.15	-0.75	-0.90	0.27	0.27	0.45	285000 0	215000 0
41.0057406 30	- 6.9776 33681	0.15	-0.68	-1.08	0.25	0.25	0.42	290000 0	215000 0
41.1049251 70	- 6.3957 59892	0.07	-0.63	-1.25	0.26	0.26	0.42	295000 0	215000 0
41.2006985 40	- 5.8122 90576	-0.01	-0.56	-0.99	0.28	0.28	0.46	300000 0	215000 0
41.2930461 20	- 5.2272 71470	-0.13	-0.52	-0.68	0.24	0.24	0.39	305000 0	215000 0
41.3819536 70	- 4.6407 49577	-0.16	-0.54	-0.76	0.25	0.25	0.41	310000 0	215000 0
41.4674073 50	- 4.0527 73140	-0.17	-0.56	-1.01	0.27	0.27	0.44	315000 0	215000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
41.5493937 80	- 3.4633 91609	-0.21	-0.53	-1.04	0.27	0.27	0.45	320000 0	215000 0
41.6278999 90	- 2.8726 55615	-0.29	-0.46	-1.04	0.27	0.27	0.44	325000 0	215000 0
41.7029134 80	- 2.2806 16938	-0.41	-0.39	-1.02	0.27	0.27	0.44	330000 0	215000 0
41.7744222 20	- 1.6873 28468	-0.48	-0.32	-1.09	0.24	0.24	0.40	335000 0	215000 0
41.8424146 50	- 1.0928 44174	-0.39	-0.20	-1.06	0.25	0.25	0.42	340000 0	215000 0
41.9068797 30	- 0.4972 19059	-0.29	-0.11	-0.89	0.26	0.26	0.43	345000 0	215000 0
41.9678069 00	0.0994 90874	-0.29	-0.17	-0.73	0.23	0.24	0.40	350000 0	215000 0
42.0251861 30	0.6972 28667	-0.34	-0.32	-0.67	0.25	0.25	0.42	355000 0	215000 0
42.0790079 30	1.2959 36452	-0.32	-0.34	-0.66	0.27	0.27	0.46	360000 0	215000 0
42.1292633 30	1.8955 55498	-0.19	-0.17	-0.64	0.25	0.26	0.43	365000 0	215000 0
42.1759439 40	2.4960 26254	-0.04	0.04	-0.56	0.19	0.19	0.33	370000 0	215000 0
42.2190419 00	3.0972 88403	-0.22	-0.07	-0.67	0.23	0.23	0.39	375000 0	215000 0
42.2585499 60	3.6992 80909	-0.22	-0.14	-0.89	0.34	0.34	0.58	380000 0	215000 0
42.4341015 00	7.9284 25689	0.03	-0.32	-1.27	0.37	0.37	0.64	415000 0	215000 0
42.4446994 90	8.5339 95565	0.12	-0.43	-1.34	0.24	0.24	0.42	420000 0	215000 0
42.4516690 10	9.1397 23229	0.09	-0.38	-1.21	0.23	0.23	0.39	425000 0	215000 0
42.4550088 40	9.7455 43536	0.04	-0.52	-1.21	0.27	0.27	0.45	430000 0	215000 0
42.4547184 10	10.351 391250	0.12	-0.90	-1.14	0.31	0.31	0.52	435000 0	215000 0
42.4507977 80	10.957 201120	0.35	-1.39	-0.70	0.24	0.24	0.41	440000 0	215000 0
42.4432476 10	11.562 907910	0.52	-1.63	-0.33	0.24	0.25	0.42	445000 0	215000 0
42.4320692 10	12.168 446500	0.52	-1.73	-0.41	0.25	0.26	0.43	450000 0	215000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
42.4172645 20	12.773 751930	0.94	-1.48	-0.54	0.23	0.24	0.41	455000 0	215000 0
42.3988360 80	13.378 759430	2.27	-0.41	-0.40	0.16	0.18	0.32	460000 0	215000 0
42.3767870 60	13.983 404530	2.92	1.08	-0.44	0.24	0.24	0.41	465000 0	215000 0
42.3511212 70	14.587 623090	3.00	1.37	-0.55	0.27	0.28	0.47	470000 0	215000 0
42.3218430 90	15.191 351380	2.97	1.10	-0.59	0.34	0.34	0.58	475000 0	215000 0
42.2889575 30	15.794 526080	2.90	0.84	-0.76	0.35	0.35	0.61	480000 0	215000 0
42.2524702 00	16.397 084440	2.76	0.72	-0.95	0.38	0.38	0.66	485000 0	215000 0
42.1687156 00	17.600 103820	2.58	0.56	-1.44	0.38	0.38	0.66	495000 0	215000 0
42.1214624 80	18.200 442340	2.31	0.34	-1.47	0.37	0.37	0.63	500000 0	215000 0
42.0706358 80	18.799 919570	1.62	-0.05	-1.12	0.36	0.37	0.63	505000 0	215000 0
42.0162442 70	19.398 476080	0.71	-0.53	-0.54	0.25	0.27	0.51	510000 0	215000 0
41.9582967 20	19.996 053280	-0.61	-0.33	-0.28	0.26	0.27	0.51	515000 0	215000 0
41.8968028 00	20.592 593440	-1.93	0.60	-0.37	0.26	0.27	0.51	520000 0	215000 0
41.8317726 20	21.188 039770	-2.49	1.54	-0.55	0.26	0.27	0.48	525000 0	215000 0
41.7632168 20	21.782 336400	-2.77	1.62	-0.52	0.24	0.24	0.43	530000 0	215000 0
41.6911465 30	22.375 428500	-3.49	0.70	-0.46	0.26	0.26	0.45	535000 0	215000 0
41.6155733 80	22.967 262270	-4.09	0.32	-0.39	0.25	0.25	0.42	540000 0	215000 0
41.5365094 90	23.557 785000	-4.04	0.57	-0.35	0.24	0.24	0.42	545000 0	215000 0
41.4539674 20	24.146 945090	-3.67	0.33	-0.39	0.30	0.30	0.50	550000 0	215000 0
41.3679602 00	24.734 692090	-3.32	-0.17	-0.56	0.26	0.26	0.44	555000 0	215000 0
41.2785013 10	25.320 976750	-2.91	-0.27	-0.87	0.23	0.23	0.42	560000 0	215000 0
41.1856046 40	25.905 751020	-2.02	-0.50	-0.95	0.28	0.28	0.48	565000 0	215000 0
41.0892844 90	26.488 968090	-2.09	-1.28	-0.88	0.26	0.26	0.48	570000 0	215000 0
40.9895555 50	27.070 582430	-2.69	-1.57	-0.79	0.22	0.21	0.45	575000 0	215000 0

#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
40.886432910	27.650549810	-2.31	-0.75	-0.83	0.26	0.26	0.44	5800000	2150000
40.779932000	28.228827290	-4.81	-18.50	-0.92	0.35	0.34	0.52	5850000	2150000
40.670068620	28.805373280	-3.36	-18.22	-0.95	0.27	0.26	0.42	5900000	2150000
40.556858890	29.380147540	-2.43	-19.47	-1.06	0.15	0.13	0.39	5950000	2150000
40.440319240	29.953111190	-3.32	-21.64	-1.06	0.33	0.32	0.50	6000000	2150000
40.320466420	30.524226730	-3.25	-22.28	-0.62	0.36	0.35	0.56	6050000	2150000
40.197317450	31.093458050	-2.85	-22.52	0.14	0.29	0.28	0.49	6100000	2150000
40.070889630	31.660770450	-2.81	-22.56	0.18	0.29	0.29	0.48	6150000	2150000
39.941200500	32.226130630	-2.44	-22.16	-0.67	0.33	0.33	0.55	6200000	2150000
39.808267840	32.789506710	-1.60	-22.25	-1.38	0.19	0.19	0.36	6250000	2150000
39.672109660	33.350868200	0.29	-20.95	-1.13	0.31	0.31	0.52	6300000	2150000
39.532744170	33.910186070	1.61	-20.02	-0.94	0.32	0.33	0.55	6350000	2150000
39.390189750	34.467432670	2.83	-19.41	-0.97	0.32	0.32	0.54	6400000	2150000
39.244464970	35.022581790	4.18	-18.82	-1.19	0.33	0.32	0.57	6450000	2150000
39.095588560	35.575608620	5.17	-18.24	-1.22	0.32	0.31	0.56	6500000	2150000
38.943579380	36.126489770	5.99	-17.62	-1.05	0.33	0.33	0.57	6550000	2150000
38.788456410	36.675203240	6.95	-16.65	-1.03	0.35	0.36	0.62	6600000	2150000
38.630238770	37.221728440	8.00	-15.92	-1.22	0.28	0.29	0.56	6650000	2150000
38.468945630	37.766046140	9.06	-15.09	-1.26	0.32	0.34	0.59	6700000	2150000
38.304596270	38.308138500	10.10	-14.59	-1.18	0.27	0.31	0.59	6750000	2150000
38.137210030	38.847989050	10.97	-14.49	-0.78	0.34	0.35	0.64	6800000	2150000
37.966806300	39.385582650	13.09	-7.81	0.02	0.32	0.31	0.58	6850000	2150000
37.793404490	39.920905500	13.87	-7.57	0.59	0.31	0.31	0.57	6900000	2150000
37.617024060	40.453945140	14.01	-7.04	0.95	0.32	0.32	0.58	6950000	2150000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
37.4376844 60	40.984 690390	14.05	-6.49	1.13	0.29	0.28	0.55	700000 0	215000 0
37.2554051 40	41.513 131360	14.39	-6.07	0.88	0.32	0.32	0.62	705000 0	215000 0
37.0702055 30	42.039 259430	14.78	-5.64	0.39	0.42	0.41	0.75	710000 0	215000 0
36.8821050 30	42.563 067250	15.21	-5.30	0.07	0.45	0.43	0.80	715000 0	215000 0
36.6911229 90	43.084 548670	15.60	-5.06	-0.12	0.47	0.44	0.82	720000 0	215000 0
40.0239971 50	- 9.7226 41248	-0.09	-0.56	-1.07	0.39	0.40	0.71	265000 0	210000 0
40.1390838 40	- 9.1529 28923	-0.03	-0.73	-1.17	0.33	0.34	0.59	270000 0	210000 0
40.2508601 40	- 8.5814 63080	0.06	-0.93	-1.25	0.23	0.23	0.41	275000 0	210000 0
40.3593101 40	- 8.0082 81944	0.19	-0.90	-0.99	0.26	0.26	0.45	280000 0	210000 0
40.4644182 40	- 7.4334 25051	0.28	-0.76	-0.75	0.25	0.25	0.44	285000 0	210000 0
40.5661691 70	- 6.8569 33230	0.21	-0.65	-0.93	0.22	0.22	0.38	290000 0	210000 0
40.6645480 10	- 6.2788 48587	0.07	-0.62	-1.14	0.27	0.27	0.45	295000 0	210000 0
40.7595401 90	- 5.6992 14484	-0.06	-0.57	-1.03	0.26	0.26	0.43	300000 0	210000 0
40.8511315 00	- 5.1180 75520	-0.13	-0.56	-0.60	0.24	0.24	0.39	305000 0	210000 0
40.9393081 60	- 4.5354 77505	-0.16	-0.64	-0.38	0.27	0.27	0.44	310000 0	210000 0
41.0240567 40	- 3.9514 67437	-0.23	-0.69	-0.46	0.26	0.26	0.42	315000 0	210000 0
41.1053642 60	- 3.3660 93471	-0.33	-0.66	-0.73	0.24	0.24	0.39	320000 0	210000 0
41.1832181 50	- 2.7794 04893	-0.38	-0.57	-0.98	0.31	0.31	0.51	325000 0	210000 0
41.2576063 00	- 2.1914	-0.46	-0.49	-1.20	0.25	0.25	0.42	330000 0	210000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	52087								
41.3285170 50	- 1.6022 86500	-0.50	-0.49	-1.38	0.23	0.23	0.39	335000 0	210000 0
41.3959392 00	- 1.0119 60611	-0.40	-0.42	-1.26	0.25	0.25	0.41	340000 0	210000 0
41.4598620 40	- 0.4205 27889	-0.28	-0.34	-0.98	0.25	0.25	0.41	345000 0	210000 0
41.5202753 50	0.1719 57241	-0.23	-0.40	-0.82	0.23	0.24	0.39	350000 0	210000 0
41.5771694 20	0.7654 39444	-0.26	-0.52	-0.79	0.24	0.24	0.40	355000 0	210000 0
41.6305350 40	1.3598 62512	-0.26	-0.54	-0.79	0.22	0.23	0.39	360000 0	210000 0
41.6803635 50	1.9551 69414	-0.18	-0.35	-0.79	0.24	0.25	0.42	365000 0	210000 0
41.7266467 90	2.5513 02336	-0.19	-0.14	-0.84	0.25	0.26	0.42	370000 0	210000 0
41.7693771 80	3.1482 02731	-0.26	-0.10	-0.86	0.29	0.29	0.49	375000 0	210000 0
41.8085476 80	3.7458 11369	-0.19	-0.12	-0.90	0.38	0.38	0.66	380000 0	210000 0
41.9825923 10	7.9438 07024	0.04	-0.31	-1.34	0.37	0.37	0.65	415000 0	210000 0
41.9930989 60	8.5448 84131	0.09	-0.40	-1.56	0.26	0.27	0.46	420000 0	210000 0
42.0000083 90	9.1461 14202	-0.04	-0.39	-1.67	0.21	0.22	0.37	425000 0	210000 0
42.0033194 20	9.7474 34080	-0.09	-0.50	-1.46	0.30	0.30	0.51	430000 0	210000 0
42.0030315 00	10.348 780530	0.02	-0.75	-1.16	0.36	0.36	0.62	435000 0	210000 0
41.9991446 70	10.950 090290	0.10	-1.06	-0.84	0.35	0.35	0.60	440000 0	210000 0
41.9916595 90	11.551 300120	0.04	-1.30	-0.60	0.28	0.29	0.50	445000 0	210000 0
41.9805775 30	12.152 346910	-0.11	-1.40	-0.50	0.23	0.24	0.41	450000 0	210000 0
41.9659003 50	12.753 167640	0.28	-1.33	-0.25	0.22	0.23	0.39	455000 0	210000 0
41.9476305 20	13.353 699560	1.41	-0.85	-0.04	0.25	0.25	0.43	460000 0	210000 0
41.9257711 10	13.953 880130	2.51	0.21	-0.05	0.24	0.25	0.42	465000 0	210000 0
41.9003257 90	14.553 647180	3.18	1.05	-0.19	0.23	0.24	0.41	470000 0	210000 0
41.8712988	15.152	3.53	1.09	-0.26	0.25	0.26	0.45	475000	210000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
20	938870							0	0
41.838695050	15.751693830	3.62	0.85	-0.54	0.19	0.21	0.37	480000	210000
41.802519900	16.349851150	3.34	0.80	-0.65	0.32	0.32	0.55	485000	210000
41.622234020	18.735306060	1.84	-0.13	-1.04	0.37	0.38	0.67	505000	210000
41.568303250	19.329582410	1.21	-0.61	-0.89	0.29	0.31	0.58	510000	210000
41.510845470	19.922908830	-0.22	-0.75	-0.53	0.25	0.27	0.52	515000	210000
41.449869970	20.515229270	-2.15	0.18	-0.28	0.22	0.24	0.48	520000	210000
41.385386540	21.106488530	-2.98	1.48	-0.42	0.26	0.27	0.50	525000	210000
41.317405480	21.696632340	-3.47	1.79	-0.60	0.25	0.26	0.50	530000	210000
41.245937580	22.285607380	-4.46	1.02	-0.79	0.28	0.27	0.47	535000	210000
41.170994110	22.873361340	-5.50	0.85	-0.94	0.26	0.22	0.39	540000	210000
41.092586810	23.459842940	-5.68	1.13	-0.74	0.25	0.24	0.46	545000	210000
41.010727870	24.045001970	-4.97	0.51	-0.54	0.29	0.29	0.52	550000	210000
40.925429920	24.628789310	-3.99	-0.09	-0.61	0.22	0.22	0.42	555000	210000
40.836706010	25.211157010	-3.02	-0.21	-0.90	0.28	0.28	0.49	560000	210000
40.744569610	25.792058240	-1.77	-0.39	-1.02	0.25	0.25	0.49	565000	210000
40.649034610	26.371447390	-1.82	-1.31	-0.82	0.31	0.31	0.46	570000	210000
40.550115240	26.949280070	-7.55	-15.68	-0.75	0.32	0.30	0.49	575000	210000
40.447826150	27.525513100	-6.62	-17.95	-0.94	0.26	0.24	0.42	580000	210000
40.342182310	28.100104580	-5.09	-19.67	-1.18	0.27	0.25	0.44	585000	210000
40.233199050	28.673013890	-4.13	-20.37	-1.40	0.28	0.26	0.44	590000	210000
40.120892010	29.244201710	-4.10	-21.98	-1.53	0.25	0.24	0.42	595000	210000
40.005277150	29.813630010	-4.19	-22.71	-1.11	0.28	0.27	0.48	600000	210000
39.886370730	30.381262110	-3.75	-22.82	-0.53	0.28	0.27	0.48	605000	210000
39.7641892	30.947	-3.39	-22.72	-0.03	0.32	0.32	0.54	610000	210000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
80	062660							0	0
39.638749600	31.510997650	-3.22	-22.84	-0.07	0.28	0.28	0.49	6150000	2100000
39.510068720	32.073034430	-2.54	-21.95	-0.89	0.32	0.32	0.55	6200000	2100000
39.378163940	32.633141700	-1.44	-21.02	-1.44	0.28	0.28	0.50	6250000	2100000
39.243052740	33.191289540	0.02	-20.07	-1.27	0.31	0.31	0.53	6300000	2100000
39.104752820	33.747449390	1.38	-19.31	-1.09	0.32	0.32	0.54	6350000	2100000
38.963282060	34.301594050	2.69	-18.68	-1.02	0.29	0.29	0.50	6400000	2100000
38.818658530	34.853697690	4.08	-17.98	-1.06	0.30	0.30	0.54	6450000	2100000
38.670900420	35.403735840	4.91	-16.79	-1.25	0.28	0.28	0.55	6500000	2100000
38.520026090	35.951685410	5.77	-16.02	-1.17	0.32	0.32	0.59	6550000	2100000
38.366054010	36.497524630	6.72	-15.27	-1.13	0.32	0.32	0.58	6600000	2100000
38.209002780	37.041233110	7.85	-14.54	-1.13	0.27	0.27	0.47	6650000	2100000
38.048891060	37.582791770	8.98	-14.17	-1.26	0.31	0.31	0.54	6700000	2100000
37.885737640	38.122182890	12.25	-7.71	-1.35	0.35	0.29	0.58	6750000	2100000
37.719561330	38.659390050	12.73	-7.77	-0.81	0.36	0.33	0.61	6800000	2100000
37.550381020	39.194398130	13.22	-7.62	0.14	0.33	0.31	0.57	6850000	2100000
37.378215630	39.727193320	14.01	-7.26	1.09	0.26	0.24	0.45	6900000	2100000
37.203084110	40.257763080	14.04	-6.70	1.20	0.33	0.32	0.57	6950000	2100000
37.025005430	40.786096160	14.04	-6.18	1.08	0.35	0.34	0.63	7000000	2100000
36.843998550	41.312182520	14.33	-5.82	0.73	0.39	0.40	0.72	7050000	2100000
36.660082400	41.836013380	14.70	-5.47	0.35	0.43	0.43	0.79	7100000	2100000
36.473275920	42.357581160	15.09	-5.16	0.05	0.46	0.45	0.82	7150000	2100000
39.470838710	-10.150785990	-0.15	-0.55	-1.02	0.41	0.41	0.74	2600000	2050000
39.588294160	-9.586301444	-0.16	-0.70	-1.05	0.35	0.35	0.62	2650000	2050000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
39.7024768 10	- 9.0200 76580	0.01	-0.82	-1.08	0.27	0.27	0.48	270000 0	205000 0
39.8133709 20	- 8.4521 47499	0.22	-0.92	-1.08	0.26	0.26	0.45	275000 0	205000 0
39.9209610 50	- 7.8825 51570	0.25	-0.90	-0.88	0.27	0.27	0.46	280000 0	205000 0
40.0252320 50	- 7.3113 27424	0.29	-0.85	-0.61	0.26	0.26	0.45	285000 0	205000 0
40.1261691 10	- 6.7385 14929	0.31	-0.88	-0.71	0.27	0.27	0.45	290000 0	205000 0
40.2237577 40	- 6.1641 55183	0.15	-0.85	-1.02	0.30	0.30	0.49	295000 0	205000 0
40.3179838 10	- 5.5882 90487	-0.05	-0.79	-1.15	0.28	0.28	0.46	300000 0	205000 0
40.4088335 40	- 5.0109 64328	-0.13	-0.74	-0.79	0.27	0.27	0.44	305000 0	205000 0
40.4962935 50	- 4.4322 21356	-0.17	-0.75	-0.25	0.20	0.20	0.34	310000 0	205000 0
40.5803508 40	- 3.8521 07357	-0.28	-0.78	-0.21	0.23	0.23	0.38	315000 0	205000 0
40.6609927 90	- 3.2706 69228	-0.35	-0.81	-0.57	0.21	0.21	0.35	320000 0	205000 0
40.7382072 50	- 2.6879 54948	-0.41	-0.75	-0.92	0.31	0.31	0.52	325000 0	205000 0
40.8119824 50	- 2.1040 13546	-0.43	-0.69	-1.17	0.33	0.33	0.54	330000 0	205000 0
40.8823071 00	- 1.5188 95073	-0.39	-0.69	-1.29	0.28	0.28	0.46	335000 0	205000 0
40.9491703 50	- 0.9326 50563	-0.33	-0.62	-1.13	0.25	0.25	0.41	340000 0	205000 0
41.0125618 10	- 0.3453 32000	-0.29	-0.47	-0.86	0.26	0.26	0.43	345000 0	205000 0
41.0724715 90	0.2430 07719	-0.27	-0.41	-0.73	0.25	0.25	0.42	350000 0	205000 0
41.1288902	0.8323	-0.23	-0.45	-0.72	0.28	0.28	0.47	355000	205000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
70	14827							0	0
41.1818089 30	1.4225 34722	-0.22	-0.44	-0.67	0.25	0.25	0.43	360000	205000
41.2312191 80	2.0136 12014	-0.20	-0.39	-0.70	0.22	0.22	0.37	365000	205000
41.2771131 30	2.6054 90566	-0.18	-0.24	-0.84	0.32	0.32	0.54	370000	205000
41.3194834 30	3.1981 13542	-0.16	-0.15	-0.88	0.38	0.38	0.65	375000	205000
41.5308918 70	7.9588 82902	0.03	-0.29	-1.29	0.38	0.38	0.68	415000	205000
41.5413090 60	8.5555 56382	0.08	-0.32	-1.41	0.29	0.29	0.51	420000	205000
41.5481596 40	9.1523 78178	0.03	-0.33	-1.55	0.22	0.22	0.38	425000	205000
41.5514424 60	9.7492 87054	-0.07	-0.44	-1.47	0.33	0.34	0.57	430000	205000
41.5398819 50	11.539 922930	-0.02	-0.88	-0.87	0.37	0.37	0.64	445000	205000
41.5288942 40	12.136 567010	0.05	-0.94	-0.88	0.30	0.31	0.53	450000	205000
41.5143419 40	12.732 991900	0.64	-0.88	-0.81	0.19	0.20	0.36	455000	205000
41.4962274 60	13.329 136730	1.30	-0.94	-0.28	0.24	0.25	0.42	460000	205000
41.4745537 60	13.924 940880	1.86	-0.78	-0.27	0.22	0.23	0.39	465000	205000
41.4493244 00	14.520 344020	2.45	0.07	-0.17	0.21	0.22	0.39	470000	205000
41.4205435 00	15.115 286200	3.36	0.74	0.08	0.21	0.22	0.39	475000	205000
41.3882157 40	15.709 707850	3.90	0.89	-0.09	0.26	0.27	0.45	480000	205000
41.3523463 90	16.303 549910	4.02	1.00	-0.23	0.25	0.26	0.44	485000	205000
41.3129412 60	16.896 753800	3.51	0.79	-0.39	0.29	0.30	0.51	490000	205000
41.2700067 10	17.489 261510	2.98	0.55	-0.65	0.35	0.35	0.61	495000	205000
41.2235496 40	18.081 015660	2.64	0.35	-0.89	0.37	0.38	0.66	500000	205000
41.1200982 60	19.262 037080	1.84	-0.47	-1.13	0.30	0.32	0.60	510000	205000
41.0631203 90	19.851 193050	0.57	-0.78	-0.87	0.23	0.26	0.53	515000	205000
41.0026529 00	20.439 372980	-1.67	-0.31	-0.46	0.25	0.27	0.54	520000	205000
40.9387052	21.026	-3.26	0.85	-0.42	0.26	0.29	0.58	525000	205000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
70	523220							0	0
40.871287490	21.612591040	-4.47	1.33	-0.60	0.26	0.29	0.60	530000	205000
40.800410010	22.197524580	-5.89	1.14	-0.96	0.29	0.30	0.58	535000	205000
40.726083750	22.781272980	-7.00	1.12	-1.12	0.28	0.28	0.55	540000	205000
40.648320100	23.363786350	-7.00	0.99	-0.82	0.30	0.30	0.58	545000	205000
40.567130860	23.945015810	-6.46	0.74	-0.56	0.24	0.25	0.55	550000	205000
40.482528280	24.524913570	-4.50	0.08	-0.58	0.32	0.32	0.55	555000	205000
40.394525030	25.103432900	-3.02	-0.19	-0.73	0.37	0.36	0.56	560000	205000
40.303134170	25.680528190	-12.85	-17.38	-0.75	0.38	0.36	0.56	565000	205000
40.208369160	26.256154990	-9.82	-17.55	-0.58	0.28	0.25	0.43	570000	205000
40.110243820	26.830269990	-8.94	-18.19	-0.54	0.30	0.28	0.46	575000	205000
40.008772350	27.402831080	-8.56	-19.60	-0.67	0.25	0.22	0.40	580000	205000
39.903969280	27.973797350	-6.38	-21.07	-0.81	0.28	0.27	0.45	585000	205000
39.795849490	28.543129150	-5.60	-21.88	-0.96	0.33	0.32	0.54	590000	205000
39.684428170	29.110788030	-4.90	-22.57	-1.05	0.26	0.28	0.47	595000	205000
39.569720810	29.676736840	-4.90	-22.39	-0.80	0.29	0.29	0.49	600000	205000
39.451743190	30.240939680	-4.40	-22.29	-0.51	0.30	0.29	0.51	605000	205000
39.330511370	30.803361930	-3.88	-22.25	-0.41	0.33	0.33	0.56	610000	205000
39.206041670	31.363970290	-3.55	-22.19	-0.70	0.29	0.29	0.52	615000	205000
39.078350640	31.922732750	-2.90	-21.37	-1.25	0.31	0.30	0.52	620000	205000
38.947455080	32.479618600	-1.45	-20.31	-1.33	0.33	0.33	0.56	625000	205000
38.813371990	33.034598450	0.15	-19.55	-1.15	0.29	0.28	0.51	630000	205000
38.676118570	33.587644250	1.46	-18.41	-1.00	0.36	0.36	0.61	635000	205000
38.535712220	34.138729230	2.81	-17.59	-0.86	0.35	0.35	0.60	640000	205000
38.3921704	34.687	4.13	-16.87	-0.78	0.29	0.29	0.52	645000	205000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
70	827950							0	0
38.2455110 60	35.234 916300	4.96	-15.76	-0.94	0.33	0.34	0.58	650000	205000
38.0957518 30	35.779 971480	5.75	-14.84	-1.13	0.32	0.33	0.59	655000	205000
37.9429107 50	36.322 971980	6.70	-14.14	-1.21	0.32	0.33	0.58	660000	205000
37.7870059 20	36.863 897620	7.79	-13.66	-1.27	0.33	0.33	0.56	665000	205000
37.6280555 20	37.402 729480	8.88	-13.49	-1.43	0.33	0.34	0.58	670000	205000
37.4660778 30	37.939 449960	12.25	-7.54	-1.41	0.40	0.34	0.62	675000	205000
37.3010911 70	38.474 042720	12.83	-7.73	-0.93	0.37	0.34	0.61	680000	205000
37.1331139 40	39.006 492690	13.38	-7.65	-0.14	0.32	0.32	0.57	685000	205000
36.9621645 80	39.536 786060	13.77	-6.96	0.70	0.34	0.33	0.58	690000	205000
36.7882615 60	40.064 910260	13.89	-6.39	0.86	0.38	0.38	0.66	695000	205000
36.6114233 50	40.590 853930	13.99	-5.92	0.71	0.41	0.42	0.74	700000	205000
36.4316684 30	41.114 606960	14.25	-5.55	0.46	0.43	0.44	0.79	705000	205000
39.0355336 60	- 10.013 578880	-0.22	-0.76	-1.07	0.38	0.38	0.68	260000	200000
39.1520808 30	- 9.4524 78157	-0.30	-0.99	-1.07	0.29	0.30	0.52	265000	200000
39.2653762 70	- 8.8896 85615	-0.02	-0.99	-1.00	0.25	0.26	0.44	270000	200000
39.3754047 20	- 8.3252 36561	0.32	-0.94	-1.00	0.22	0.22	0.41	275000	200000
39.4821511 70	- 7.7591 67525	0.19	-0.92	-0.92	0.27	0.28	0.48	280000	200000
39.5856009 20	- 7.1915 16246	0.18	-0.99	-0.70	0.27	0.27	0.47	285000	200000
39.6857395 80	- 6.6223 21658	0.32	-1.11	-0.69	0.28	0.28	0.47	290000	200000
39.7825531 10	- 6.0516 23869	0.19	-1.15	-0.94	0.28	0.28	0.45	295000	200000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
39.8760277 90	- 5.4794 64147	-0.08	-1.10	-1.22	0.24	0.24	0.39	300000 0	200000 0
39.9661502 50	- 4.9058 84895	-0.18	-0.90	-0.87	0.30	0.30	0.50	305000 0	200000 0
40.0529075 00	- 4.3309 29632	-0.26	-0.79	-0.42	0.28	0.28	0.46	310000 0	200000 0
40.1362869 40	- 3.7546 42967	-0.39	-0.79	-0.31	0.23	0.23	0.39	315000 0	200000 0
40.2162763 40	- 3.1770 70573	-0.45	-0.88	-0.59	0.29	0.29	0.47	320000 0	200000 0
40.2928639 00	- 2.5982 59159	-0.50	-0.93	-0.91	0.31	0.31	0.52	325000 0	200000 0
40.3660382 30	- 2.0182 56442	-0.48	-0.90	-1.13	0.29	0.30	0.50	330000 0	200000 0
40.4357883 60	- 1.4371 11117	-0.29	-0.76	-1.21	0.23	0.23	0.39	335000 0	200000 0
40.5021037 90	- 0.8548 72818	-0.24	-0.59	-1.05	0.25	0.25	0.40	340000 0	200000 0
40.5649744 50	- 0.2715 92091	-0.25	-0.52	-0.84	0.25	0.25	0.42	345000 0	200000 0
40.6243907 40	0.3126 79646	-0.26	-0.49	-0.74	0.24	0.24	0.40	350000 0	200000 0
40.6803435 40	0.8978 90141	-0.22	-0.47	-0.74	0.31	0.31	0.53	355000 0	200000 0
40.7328242 20	1.4839 86346	-0.17	-0.42	-0.76	0.35	0.35	0.59	360000 0	200000 0
40.7818246 30	2.0709 14456	-0.13	-0.34	-0.81	0.36	0.36	0.62	365000 0	200000 0
41.0789931 20	7.9736 61587	0.00	-0.32	-1.21	0.37	0.38	0.67	415000 0	200000 0
41.0893226 90	8.5660 18172	0.05	-0.39	-1.24	0.31	0.32	0.56	420000 0	200000 0
41.0961156 20	9.1585 18597	0.11	-0.39	-1.29	0.24	0.26	0.45	425000 0	200000 0
41.0993708 10	9.7511 03472	-0.04	-0.42	-1.38	0.29	0.31	0.53	430000 0	200000 0
41.0990877 40	10.343 713330	-0.07	-0.47	-1.22	0.38	0.39	0.67	435000 0	200000 0
41.0770122 90	12.121 098160	0.21	-0.61	-0.94	0.37	0.38	0.66	450000 0	200000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
41.0625823 30	12.713 213660	0.56	-0.61	-0.80	0.29	0.31	0.54	455000 0	200000 0
41.0446200 20	13.305 057540	1.08	-0.68	-0.49	0.25	0.27	0.46	460000 0	200000 0
41.0231282 40	13.896 571000	1.47	-1.06	-0.65	0.26	0.27	0.45	465000 0	200000 0
40.9981104 30	14.487 695520	1.68	-1.16	-0.80	0.23	0.23	0.41	470000 0	200000 0
40.9695705 80	15.078 372930	2.38	-0.45	-0.33	0.21	0.22	0.39	475000 0	200000 0
40.9375132 40	15.668 545460	3.47	0.45	-0.12	0.22	0.22	0.38	480000 0	200000 0
40.9019434 90	16.258 155760	4.09	0.92	-0.15	0.22	0.22	0.37	485000 0	200000 0
40.8628669 60	16.847 147010	3.84	0.77	-0.18	0.23	0.24	0.40	490000 0	200000 0
40.8202898 20	17.435 462900	3.44	0.58	-0.40	0.24	0.25	0.45	495000 0	200000 0
40.7742187 60	18.023 047710	3.30	0.63	-0.78	0.29	0.29	0.53	500000 0	200000 0
40.7246609 80	18.609 846360	2.83	0.29	-0.98	0.34	0.35	0.62	505000 0	200000 0
40.6716242 00	19.195 804450	2.11	-0.24	-1.08	0.32	0.33	0.61	510000 0	200000 0
40.6151166 50	19.780 868280	0.80	-0.81	-0.92	0.25	0.27	0.54	515000 0	200000 0
40.5551470 30	20.364 984950	-1.35	-0.84	-0.60	0.28	0.30	0.58	520000 0	200000 0
40.4917245 50	20.948 102320	-3.29	-0.13	-0.42	0.29	0.32	0.62	525000 0	200000 0
40.4248588 80	21.530 169120	-5.13	0.36	-0.48	0.24	0.29	0.61	530000 0	200000 0
40.3545601 60	22.111 134940	-7.13	0.33	-0.88	0.26	0.29	0.61	535000 0	200000 0
40.2808389 70	22.690 950290	-8.49	0.33	-1.02	0.26	0.28	0.61	540000 0	200000 0
40.2037063 40	23.269 566640	-8.02	0.28	-0.76	0.34	0.33	0.64	545000 0	200000 0
40.1231737 20	23.846 936430	-6.99	0.08	-0.48	0.33	0.29	0.55	550000 0	200000 0
40.0392530 10	24.423 013120	-4.86	-0.11	-0.48	0.38	0.36	0.57	555000 0	200000 0
39.9519564 60	24.997 751190	-16.73	-17.14	-0.61	0.30	0.26	0.44	560000 0	200000 0
39.8612967 60	25.571 106210	-14.83	-17.73	-0.58	0.34	0.31	0.52	565000 0	200000 0
39.7672869 70	26.143 034840	-12.31	-19.03	-0.45	0.35	0.33	0.56	570000 0	200000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
39.669940480	26.713494860	-11.42	-19.85	-0.40	0.33	0.31	0.56	5750000	2000000
39.569271090	27.282445190	-10.08	-20.61	-0.41	0.33	0.31	0.54	5800000	2000000
39.465292890	27.849845890	-8.16	-21.98	-0.34	0.28	0.26	0.47	5850000	2000000
39.358020330	28.415658240	-7.61	-22.73	-0.27	0.33	0.31	0.53	5900000	2000000
39.247468150	28.979844670	-7.07	-22.82	-0.27	0.33	0.32	0.55	5950000	2000000
39.133651400	29.542368860	-6.38	-22.37	-0.36	0.34	0.33	0.57	6000000	2000000
39.016585390	30.103195700	-5.37	-21.91	-0.45	0.34	0.33	0.56	6050000	2000000
38.896285730	30.662291310	-4.39	-21.61	-0.61	0.28	0.28	0.49	6100000	2000000
38.772768280	31.219623050	-3.98	-21.14	-1.05	0.30	0.30	0.52	6150000	2000000
38.646049110	31.775159570	-3.32	-20.38	-1.44	0.28	0.28	0.49	6200000	2000000
38.516144540	32.328870730	-1.65	-19.29	-1.22	0.34	0.34	0.58	6250000	2000000
38.383071110	32.880727700	0.02	-18.44	-1.01	0.33	0.32	0.58	6300000	2000000
38.246845530	33.430702900	1.38	-17.24	-0.90	0.38	0.38	0.65	6350000	2000000
38.107484720	33.978770010	2.73	-16.29	-0.76	0.37	0.37	0.63	6400000	2000000
37.965005740	34.524904000	4.09	-15.49	-0.55	0.25	0.25	0.47	6450000	2000000
37.819425820	35.069081100	4.85	-14.68	-0.72	0.32	0.32	0.56	6500000	2000000
37.670762340	35.611278820	5.70	-13.89	-1.04	0.33	0.34	0.60	6550000	2000000
37.519032790	36.151475920	6.74	-13.24	-1.24	0.32	0.32	0.55	6600000	2000000
37.364254760	36.689652430	7.81	-12.95	-1.40	0.33	0.34	0.56	6650000	2000000
37.206445970	37.225789630	11.71	-7.29	-1.66	0.40	0.30	0.55	6700000	2000000
37.045624200	37.759870030	12.18	-7.31	-1.47	0.41	0.34	0.62	6750000	2000000
36.881807310	38.291877410	12.63	-7.24	-0.94	0.42	0.39	0.68	6800000	2000000
36.715013220	38.821796750	13.04	-6.99	-0.36	0.41	0.40	0.70	6850000	2000000
36.545259880	39.349614250	13.35	-6.49	0.14	0.42	0.42	0.73	6900000	2000000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
36.3725652 90	39.875 317330	13.59	-6.00	0.35	0.43	0.43	0.76	695000 0	200000 0
36.1969474 70	40.398 894590	13.82	-5.59	0.32	0.43	0.45	0.80	700000 0	200000 0
38.5997023 50	- 9.8788 80312	-0.20	-0.95	-1.17	0.36	0.36	0.64	260000 0	195000 0
38.7153579 70	- 9.3211 10785	-0.34	-1.42	-1.23	0.17	0.17	0.34	265000 0	195000 0
38.8277826 60	- 8.7616 96386	-0.03	-1.26	-1.10	0.22	0.23	0.41	270000 0	195000 0
38.9369615 70	- 8.2006 71647	0.22	-1.01	-1.19	0.26	0.26	0.46	275000 0	195000 0
39.0428801 40	- 7.6380 72273	0.19	-0.99	-1.24	0.26	0.26	0.46	280000 0	195000 0
39.1455241 00	- 7.0739 35135	0.22	-1.13	-0.97	0.26	0.27	0.47	285000 0	195000 0
39.2448794 80	- 6.5082 98246	0.34	-1.22	-0.76	0.28	0.28	0.47	290000 0	195000 0
39.3409326 40	- 5.9412 00751	0.20	-1.25	-0.81	0.25	0.26	0.42	295000 0	195000 0
39.4336702 80	- 5.3726 82909	-0.03	-1.16	-0.90	0.29	0.29	0.48	300000 0	195000 0
39.5230794 10	- 4.8027 86065	-0.15	-1.03	-0.79	0.32	0.32	0.53	305000 0	195000 0
39.6091474 50	- 4.2315 52638	-0.23	-0.87	-0.58	0.28	0.29	0.47	310000 0	195000 0
39.6918621 60	- 3.6590 26091	-0.39	-0.86	-0.55	0.27	0.28	0.46	315000 0	195000 0
39.7712116 80	- 3.0852 50907	-0.58	-0.95	-0.71	0.30	0.30	0.50	320000 0	195000 0
39.8471845 70	- 2.5102 72563	-0.63	-1.01	-0.92	0.30	0.31	0.52	325000 0	195000 0
39.9197697 80	- 1.9341 37503	-0.59	-0.95	-1.08	0.27	0.28	0.48	330000 0	195000 0
39.9889566 80	- 1.3568	-0.43	-0.66	-1.14	0.27	0.27	0.44	335000 0	195000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	93103								
40.0547350 90	- 0.7785 87646	-0.24	-0.53	-1.08	0.24	0.24	0.41	340000 0	195000 0
40.1170952 30	- 0.1992 70281	-0.19	-0.62	-0.92	0.31	0.31	0.52	345000 0	195000 0
40.1760278 20	0.3810 09004	-0.22	-0.73	-0.84	0.27	0.27	0.47	350000 0	195000 0
40.2315240 10	0.9621 99425	-0.20	-0.66	-0.86	0.32	0.32	0.56	355000 0	195000 0
40.3773129 10	2.7107 18455	0.02	-0.26	-0.99	0.37	0.37	0.64	370000 0	195000 0
40.4189846 50	3.2950 30925	0.04	-0.20	-0.95	0.37	0.37	0.63	375000 0	195000 0
40.4571830 30	3.8799 89980	0.01	-0.17	-0.90	0.36	0.36	0.61	380000 0	195000 0
40.4919021 60	4.4655 40877	-0.01	-0.14	-0.89	0.39	0.39	0.68	385000 0	195000 0
40.6268889 70	7.9881 51029	-0.02	-0.40	-1.20	0.33	0.34	0.62	415000 0	195000 0
40.6371327 00	8.5762 75135	-0.04	-0.57	-1.24	0.22	0.24	0.47	420000 0	195000 0
40.6438691 50	9.1645 38767	0.11	-0.57	-1.15	0.24	0.25	0.44	425000 0	195000 0
40.6470972 70	9.7528 84316	-0.16	-0.47	-1.23	0.19	0.23	0.40	430000 0	195000 0
40.6468165 60	10.341 254100	-0.09	-0.39	-1.16	0.36	0.37	0.65	435000 0	195000 0
40.6106145 00	12.693 822280	0.44	-0.42	-0.82	0.35	0.37	0.65	455000 0	195000 0
40.5928012 80	13.281 449050	0.75	-0.43	-0.62	0.29	0.31	0.54	460000 0	195000 0
40.5714877 30	13.868 755290	1.07	-0.72	-0.82	0.31	0.31	0.54	465000 0	195000 0
40.5466771 90	14.455 684220	1.35	-0.96	-1.06	0.22	0.23	0.44	470000 0	195000 0
40.5183735 30	15.042 179400	1.89	-0.79	-0.78	0.24	0.24	0.43	475000 0	195000 0
40.4865811 40	15.628 184770	2.89	-0.21	-0.40	0.22	0.23	0.39	480000 0	195000 0
40.4513049 50	16.213 644670	3.77	0.48	-0.33	0.24	0.24	0.40	485000 0	195000 0
40.4125504 20	16.798 503940	4.01	0.69	-0.25	0.22	0.23	0.40	490000 0	195000 0
40.3703235 20	17.382 707910	3.80	0.69	-0.30	0.27	0.28	0.48	495000 0	195000 0
40.3246307 30	17.966 202490	3.94	0.88	-0.62	0.21	0.22	0.42	500000 0	195000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40.275479030	18.548934190	3.43	0.56	-0.92	0.26	0.27	0.50	5050000	1950000
40.222875900	19.130850160	2.32	-0.26	-1.02	0.30	0.32	0.59	5100000	1950000
40.166829310	19.711898240	0.93	-1.29	-0.94	0.23	0.26	0.56	5150000	1950000
40.107347700	20.292027010	-1.09	-1.77	-0.68	0.24	0.28	0.59	5200000	1950000
40.044440000	20.871185810	-3.12	-1.37	-0.49	0.29	0.31	0.61	5250000	1950000
39.978115570	21.449324780	-5.46	-1.20	-0.45	0.26	0.30	0.60	5300000	1950000
39.908384240	22.026394900	-7.98	-1.47	-0.73	0.29	0.31	0.63	5350000	1950000
39.835256280	22.602348050	-9.53	-1.24	-0.83	0.29	0.30	0.65	5400000	1950000
39.758742380	23.177136980	-9.24	-0.65	-0.64	0.34	0.35	0.67	5450000	1950000
39.678853640	23.750715410	-7.09	-0.45	-0.39	0.38	0.37	0.63	5500000	1950000
39.595601600	24.323038030	-14.55	-15.72	-0.32	0.40	0.38	0.60	5550000	1950000
39.508998150	24.894060490	-14.72	-15.80	-0.38	0.37	0.34	0.57	5600000	1950000
39.419055600	25.463739520	-13.98	-16.91	-0.42	0.38	0.35	0.60	5650000	1950000
39.325786600	26.032032860	-13.12	-18.80	-0.36	0.33	0.30	0.58	5700000	1950000
39.229204180	26.598899330	-13.07	-19.87	-0.37	0.25	0.26	0.57	5750000	1950000
39.129321700	27.164298860	-10.91	-20.50	-0.38	0.34	0.33	0.59	5800000	1950000
39.026152860	27.728192480	-9.89	-22.25	-0.24	0.25	0.22	0.42	5850000	1950000
38.919711670	28.290542360	-8.89	-22.78	0.02	0.29	0.27	0.47	5900000	1950000
38.810012450	28.851311820	-8.37	-22.65	0.08	0.30	0.28	0.51	5950000	1950000
38.697069800	29.410465330	-8.15	-22.58	-0.06	0.27	0.24	0.50	6000000	1950000
38.580898630	29.967968550	-6.43	-21.59	-0.49	0.33	0.32	0.55	6050000	1950000
38.461514060	30.523788330	-5.21	-21.01	-0.80	0.25	0.25	0.43	6100000	1950000
38.338931510	31.077892720	-4.51	-19.94	-1.06	0.35	0.35	0.59	6150000	1950000
38.213166610	31.630250980	-3.46	-18.92	-1.17	0.36	0.35	0.61	6200000	1950000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
38.0842352 20	32.180 833560	-1.99	-17.90	-1.05	0.32	0.32	0.59	625000 0	195000 0
37.9521533 90	32.729 612170	-0.38	-16.85	-0.94	0.32	0.32	0.60	630000 0	195000 0
37.8169374 00	33.276 559700	1.11	-15.85	-0.90	0.39	0.38	0.68	635000 0	195000 0
37.6786036 80	33.821 650310	2.48	-15.05	-0.82	0.37	0.35	0.64	640000 0	195000 0
37.5371688 40	34.364 859350	3.66	-14.39	-0.73	0.30	0.28	0.54	645000 0	195000 0
37.3926496 30	34.906 163420	4.35	-13.76	-0.70	0.28	0.28	0.55	650000 0	195000 0
37.2450629 50	35.445 540330	5.43	-13.10	-0.96	0.36	0.36	0.62	655000 0	195000 0
37.0944258 30	35.982 969130	6.57	-12.45	-1.16	0.28	0.29	0.48	660000 0	195000 0
36.9407554 10	36.518 430070	7.66	-12.29	-1.28	0.30	0.30	0.50	665000 0	195000 0
36.7840689 00	37.051 904620	11.95	-7.29	-1.36	0.41	0.32	0.53	670000 0	195000 0
36.6243836 40	37.583 375450	12.12	-7.00	-1.24	0.44	0.38	0.65	675000 0	195000 0
36.4617170 20	38.112 826450	12.37	-6.68	-0.88	0.46	0.43	0.74	680000 0	195000 0
36.2960864 90	38.640 242660	12.69	-6.35	-0.50	0.45	0.44	0.78	685000 0	195000 0
36.1275095 40	39.165 610340	13.01	-5.96	-0.18	0.45	0.45	0.80	690000 0	195000 0
35.9560037 00	39.688 916900	13.31	-5.57	-0.02	0.45	0.46	0.82	695000 0	195000 0
38.1633457 00	- 9.7466 30798	-0.06	-0.97	-1.28	0.38	0.38	0.68	260000 0	190000 0
38.2781261 40	- 9.1921 40714	-0.08	-1.32	-1.41	0.31	0.31	0.54	265000 0	190000 0
38.3896961 30	- 8.6360 51221	0.02	-1.32	-1.35	0.26	0.26	0.46	270000 0	190000 0
38.4980412 60	- 8.0783 96088	0.20	-1.10	-1.29	0.24	0.24	0.42	275000 0	190000 0
38.6031473 80	- 7.5192 10212	0.29	-1.15	-1.30	0.26	0.27	0.46	280000 0	190000 0
38.7050006 40	- 6.9585 29609	0.34	-1.29	-1.09	0.26	0.26	0.46	285000 0	190000 0
38.8035874 70	- 6.3963	0.34	-1.24	-0.77	0.25	0.25	0.43	290000	190000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	91396							0	0
38.8988946 50	- 5.8328 33776	0.18	-1.16	-0.60	0.23	0.24	0.39	295000 0	190000 0
38.9909092 30	- 5.2678 96021	-0.01	-1.20	-0.69	0.27	0.27	0.44	300000 0	190000 0
39.0796186 60	- 4.7016 18447	-0.05	-1.20	-0.75	0.30	0.30	0.50	305000 0	190000 0
39.1650106 80	- 4.1340 42402	-0.09	-1.12	-0.76	0.32	0.33	0.54	310000 0	190000 0
39.2470734 50	- 3.5652 10232	-0.33	-1.07	-0.81	0.28	0.31	0.51	315000 0	190000 0
39.3257954 50	- 2.9951 65265	-0.61	-1.06	-0.85	0.24	0.27	0.43	320000 0	190000 0
39.4011655 80	- 2.4239 51782	-0.64	-0.98	-0.90	0.33	0.34	0.56	325000 0	190000 0
39.4731731 30	- 1.8516 14987	-0.59	-0.85	-0.96	0.34	0.34	0.57	330000 0	190000 0
39.5418078 00	- 1.2782 00982	-0.62	-0.68	-1.01	0.23	0.23	0.38	335000 0	190000 0
39.6070596 90	- 0.7037 56735	-0.27	-0.70	-0.99	0.27	0.27	0.45	340000 0	190000 0
39.6689193 50	- 0.1283 30047	-0.10	-0.76	-0.96	0.29	0.29	0.47	345000 0	190000 0
39.7273777 70	0.4480 30483	-0.17	-0.84	-0.95	0.29	0.29	0.51	350000 0	190000 0
39.7824263 70	1.0252 75488	-0.18	-0.73	-1.03	0.31	0.32	0.56	355000 0	190000 0
39.8822621 30	2.1822 17854	0.01	-0.32	-1.19	0.35	0.35	0.60	365000 0	190000 0
39.9270344 80	2.7618 12990	0.16	-0.26	-1.16	0.26	0.26	0.43	370000 0	190000 0
39.9683673 80	3.3420 88231	0.15	-0.18	-1.06	0.28	0.28	0.46	375000 0	190000 0
40.0062546 50	3.9229 90952	0.06	-0.20	-0.90	0.16	0.16	0.27	380000 0	190000 0
40.0406905 70	4.5044 68001	0.02	-0.15	-0.88	0.32	0.32	0.55	385000 0	190000 0
40.1745723 30	8.0023 58890	0.00	-0.52	-1.26	0.35	0.36	0.64	415000 0	190000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40.1847319 40	8.5863 32700	0.01	-0.77	-1.47	0.24	0.28	0.49	420000 0	190000 0
40.1914130 50	9.1704 41877	0.05	-0.62	-1.11	0.24	0.25	0.44	425000 0	190000 0
40.1946146 60	9.7546 30528	-0.13	-0.39	-1.01	0.26	0.28	0.46	430000 0	190000 0
40.1943362 50	10.338 842690	-0.08	-0.32	-1.11	0.37	0.38	0.65	435000 0	190000 0
40.1196253 80	13.841 479120	0.97	-0.51	-1.11	0.38	0.38	0.67	465000 0	190000 0
40.0950179 50	14.424 293330	1.21	-0.54	-1.24	0.35	0.35	0.62	470000 0	190000 0
40.0669457 20	15.006 686670	1.57	-0.35	-1.13	0.29	0.30	0.52	475000 0	190000 0
40.0354129 70	15.588 604720	2.33	-0.02	-0.74	0.22	0.23	0.41	480000 0	190000 0
40.0004244 80	16.169 993470	3.46	0.37	-0.45	0.23	0.24	0.43	485000 0	190000 0
39.9619855 10	16.750 799350	3.81	0.72	-0.32	0.28	0.28	0.50	490000 0	190000 0
39.9201018 70	17.330 969290	3.54	0.93	-0.35	0.33	0.33	0.58	495000 0	190000 0
39.8747798 20	17.910 450770	3.49	0.78	-0.55	0.30	0.30	0.54	500000 0	190000 0
39.8260261 40	18.489 191810	3.16	0.29	-0.79	0.25	0.25	0.49	505000 0	190000 0
39.7738480 70	19.067 141090	2.04	-0.64	-0.88	0.34	0.35	0.64	510000 0	190000 0
39.7182533 50	19.644 247930	1.08	-1.92	-0.87	0.29	0.31	0.65	515000 0	190000 0
39.6592501 40	20.220 462340	-0.25	-2.90	-0.73	0.23	0.26	0.62	520000 0	190000 0
39.5968471 00	20.795 735090	-2.97	-3.01	-0.58	0.20	0.23	0.55	525000 0	190000 0
39.5310533 20	21.370 017690	-5.88	-3.85	-0.59	0.29	0.31	0.60	530000 0	190000 0
39.4618783 20	21.943 262470	-8.59	-3.94	-0.73	0.20	0.27	0.61	535000 0	190000 0
39.3893320 50	22.515 422610	-9.63	-2.95	-0.70	0.29	0.31	0.64	540000 0	190000 0
39.3134248 90	23.086 452150	-9.67	-1.56	-0.50	0.32	0.34	0.63	545000 0	190000 0
39.2341676 10	23.656 306020	-21.81	-7.04	-0.20	0.26	0.31	0.58	550000 0	190000 0
39.1515713 80	24.224 940090	-26.03	-16.54	-0.10	0.33	0.62	0.54	555000 0	190000 0
39.0656477 70	24.792 311200	-26.09	-16.51	-0.17	0.34	0.61	0.53	560000 0	190000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
38.976408680	25.358377160	-26.65	-18.50	-0.37	0.41	0.63	0.63	5650000	1900000
38.883866430	25.923096770	-11.32	-16.94	-0.47	0.36	0.35	0.64	5700000	1900000
38.788033630	26.486429900	-10.42	-17.99	-0.54	0.34	0.33	0.64	5750000	1900000
38.688923270	27.048337430	-9.31	-18.73	-0.51	0.37	0.36	0.65	5800000	1900000
38.586548630	27.608781350	-8.16	-19.73	-0.42	0.37	0.35	0.61	5850000	1900000
38.480923330	28.167724700	-7.32	-20.31	-0.30	0.37	0.35	0.61	5900000	1900000
38.372061270	28.725131640	-7.36	-20.63	-0.24	0.34	0.31	0.58	5950000	1900000
38.259976630	29.280967470	-7.33	-20.60	-0.39	0.35	0.32	0.59	6000000	1900000
38.144683880	29.835198590	-6.97	-20.55	-0.76	0.33	0.32	0.55	6050000	1900000
38.026197730	30.387792570	-6.57	-20.25	-1.07	0.27	0.27	0.47	6100000	1900000
37.904533140	30.938718110	-5.44	-18.73	-1.11	0.34	0.34	0.58	6150000	1900000
37.779705310	31.487945100	-4.03	-17.60	-1.05	0.33	0.32	0.58	6200000	1900000
37.651729660	32.035444570	-2.41	-16.53	-1.01	0.33	0.32	0.59	6250000	1900000
37.520621800	32.581188760	-0.67	-15.36	-1.01	0.38	0.37	0.66	6300000	1900000
37.386397530	33.125151070	0.84	-14.48	-1.00	0.40	0.39	0.69	6350000	1900000
37.249072850	33.667306080	2.14	-13.85	-0.98	0.37	0.37	0.65	6400000	1900000
37.108663900	34.207629560	3.27	-13.45	-0.98	0.33	0.32	0.58	6450000	1900000
36.965187000	34.746098460	4.20	-13.03	-1.00	0.31	0.31	0.57	6500000	1900000
36.818658570	35.282690930	5.10	-12.40	-0.98	0.37	0.37	0.65	6550000	1900000
36.669095190	35.817386290	6.03	-11.96	-0.99	0.36	0.36	0.63	6600000	1900000
36.516513540	36.350165020	10.66	-6.87	-0.99	0.48	0.35	0.61	6650000	1900000
36.360930390	36.881008820	11.35	-6.79	-1.02	0.47	0.39	0.66	6700000	1900000
36.202362600	37.409900500	11.77	-6.49	-0.96	0.48	0.43	0.73	6750000	1900000
36.040827120	37.936824070	12.07	-6.13	-0.78	0.48	0.45	0.79	6800000	1900000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
37.8403855 70	- 9.0655 11245	0.23	-1.34	-1.57	0.31	0.32	0.56	265000 0	185000 0
37.9511165 60	- 8.5126 94347	0.25	-1.46	-1.49	0.23	0.24	0.42	270000 0	185000 0
38.0586432 90	- 7.9583 55092	0.23	-1.29	-0.96	0.21	0.21	0.37	275000 0	185000 0
38.1629520 20	- 7.4025 27588	0.35	-1.41	-0.98	0.26	0.26	0.44	280000 0	185000 0
38.2640293 20	- 6.8452 47014	0.33	-1.51	-0.93	0.23	0.23	0.38	285000 0	185000 0
38.3618620 00	- 6.2865 49609	0.19	-1.34	-0.72	0.24	0.24	0.40	290000 0	185000 0
38.4564372 10	- 5.7264 72656	0.05	-1.23	-0.59	0.28	0.28	0.46	295000 0	185000 0
38.5477424 20	- 5.1650 54464	0.02	-1.31	-0.61	0.29	0.29	0.47	300000 0	185000 0
38.6357654 00	- 4.6023 34347	0.10	-1.39	-0.75	0.28	0.28	0.47	305000 0	185000 0
38.7204942 90	- 4.0383 52607	0.12	-1.40	-0.88	0.25	0.27	0.44	310000 0	185000 0
38.8019175 80	- 3.4731 50507	-0.25	-1.26	-0.96	0.29	0.33	0.53	315000 0	185000 0
38.8800241 10	- 2.9067 70250	-0.49	-1.14	-0.93	0.32	0.35	0.57	320000 0	185000 0
38.9548031 00	- 2.3392 54953	-0.54	-0.98	-0.86	0.36	0.37	0.61	325000 0	185000 0
39.0262441 60	- 1.7706 48621	-0.49	-0.86	-0.83	0.35	0.35	0.58	330000 0	185000 0
39.0943373 00	- 1.2009 96116	-0.43	-0.83	-0.80	0.26	0.26	0.43	335000 0	185000 0
39.1590729 30	- 0.6303 43133	-0.17	-0.77	-0.83	0.28	0.28	0.46	340000 0	185000 0
39.2204418 90	- 0.0587 36164	-0.06	-0.68	-0.91	0.29	0.29	0.47	345000 0	185000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
39.278435420	0.513777533	-0.11	-0.61	-1.05	0.34	0.34	0.57	350000	185000
39.333045210	1.087149967	-0.14	-0.55	-1.25	0.34	0.34	0.57	355000	185000
39.384263410	1.661332448	-0.10	-0.40	-1.36	0.35	0.35	0.58	360000	185000
39.432082600	2.236275624	0.00	-0.26	-1.37	0.32	0.32	0.54	365000	185000
39.476495830	2.811929519	0.09	-0.16	-1.34	0.21	0.21	0.34	370000	185000
39.517496610	3.388243571	0.17	-0.09	-1.18	0.20	0.20	0.33	375000	185000
39.555078940	3.965166669	0.09	-0.12	-0.99	0.32	0.32	0.53	380000	185000
39.589237280	4.542647197	0.04	-0.12	-0.91	0.37	0.37	0.64	385000	185000
39.722036050	8.016292545	0.05	-0.55	-1.10	0.36	0.37	0.65	415000	185000
39.732113230	8.596196092	-0.05	-0.75	-1.16	0.27	0.30	0.50	420000	185000
39.738740120	9.176230995	-0.20	-0.64	-1.13	0.23	0.23	0.41	425000	185000
39.741915730	9.756343016	-0.16	-0.34	-1.21	0.28	0.29	0.49	430000	185000
39.615280530	14.971876470	1.67	-0.18	-1.61	0.36	0.36	0.63	475000	185000
39.584002250	15.549785010	2.15	0.15	-1.34	0.30	0.30	0.53	480000	185000
39.549295720	16.127179830	3.01	0.42	-0.88	0.21	0.22	0.41	485000	185000
39.511166060	16.704008940	3.44	1.02	-0.40	0.22	0.23	0.44	490000	185000
39.469618870	17.280220790	3.02	1.51	-0.35	0.30	0.30	0.56	495000	185000
39.424660240	17.855764350	2.66	0.92	-0.50	0.36	0.36	0.64	500000	185000
39.376296730	18.430589160	2.16	0.13	-0.67	0.37	0.37	0.67	505000	185000
39.269383630	19.577883620	0.50	-2.11	-0.77	0.37	0.38	0.70	515000	185000
39.210849460	20.150255450	-0.88	-3.62	-0.70	0.33	0.34	0.64	520000	185000
39.148941240	20.721712940	-3.51	-5.60	-0.61	0.28	0.30	0.56	525000	185000
39.083667780	21.292208950	-6.60	-7.73	-0.70	0.27	0.28	0.56	530000	185000
39.015038320	21.861697110	-8.24	-7.12	-0.79	0.27	0.26	0.57	535000	185000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
38.943062500	22.430131870	-16.64	-9.11	-0.63	0.35	0.36	0.59	540000	185000
38.867750400	22.997468500	-18.03	-9.66	-0.30	0.23	0.23	0.50	545000	185000
38.789112460	23.563663120	-25.36	-16.70	-0.05	0.30	0.57	0.53	550000	185000
38.707159510	24.128672780	-24.44	-14.97	-0.08	0.29	0.55	0.47	555000	185000
38.621902780	24.692455410	-25.10	-15.79	-0.27	0.34	0.56	0.52	560000	185000
38.533353840	25.254969900	-25.54	-17.73	-0.47	0.41	0.59	0.64	565000	185000
38.441524600	25.816176110	-24.46	-19.17	-0.59	0.40	0.55	0.63	570000	185000
38.346427340	26.376034880	-23.13	-20.09	-0.74	0.35	0.49	0.55	575000	185000
38.248074650	26.934508070	-23.82	-21.02	-0.65	0.49	0.54	0.62	580000	185000
38.146479430	27.491558560	-22.88	-21.95	-0.70	0.54	0.54	0.64	585000	185000
38.041654900	28.047150280	-22.08	-22.62	-0.75	0.58	0.51	0.63	590000	185000
37.933614560	28.601248220	-5.21	-17.59	-0.70	0.39	0.37	0.66	595000	185000
37.822372190	29.153818450	-5.91	-17.84	-0.77	0.39	0.38	0.66	600000	185000
37.707941840	29.704828130	-6.62	-18.29	-0.95	0.37	0.35	0.62	605000	185000
37.590337800	30.254245510	-6.87	-18.03	-1.12	0.33	0.32	0.56	610000	185000
37.469574610	30.802039970	-6.13	-16.86	-1.13	0.29	0.31	0.51	615000	185000
37.345667040	31.348182000	-4.42	-15.73	-1.13	0.35	0.35	0.60	620000	185000
37.218630080	31.892643210	-2.60	-14.77	-1.14	0.37	0.35	0.62	625000	185000
37.088478910	32.435396370	-0.82	-13.81	-1.16	0.38	0.37	0.66	630000	185000
36.955228890	32.976415360	0.64	-13.08	-1.15	0.39	0.37	0.66	635000	185000
36.818895580	33.515675210	1.81	-12.59	-1.12	0.37	0.36	0.63	640000	185000
36.679494680	34.053152110	2.89	-12.43	-1.17	0.27	0.27	0.50	645000	185000
36.537042050	34.588823370	3.93	-12.12	-1.14	0.30	0.29	0.55	650000	185000
36.391553700	35.122667460	4.80	-11.53	-0.97	0.38	0.38	0.68	655000	185000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
36.2430457 50	35.654 663990	9.83	-6.60	-0.85	0.54	0.39	0.69	660000 0	185000 0
36.0915344 20	36.184 793700	10.13	-6.60	-0.75	0.46	0.34	0.64	665000 0	185000 0
35.9370360 50	36.713 038480	10.86	-6.24	-0.81	0.50	0.43	0.73	670000 0	185000 0
35.7795670 60	37.239 381330	11.39	-5.91	-0.79	0.50	0.46	0.79	675000 0	185000 0
37.2890586 20	- 9.4892 50521	0.22	-1.02	-1.24	0.39	0.39	0.69	260000 0	180000 0
37.4021362 60	- 8.9411 67519	0.40	-1.50	-1.41	0.30	0.30	0.52	265000 0	180000 0
37.5120435 70	- 8.3915 71808	0.41	-1.79	-1.30	0.25	0.26	0.43	270000 0	180000 0
37.6187669 30	- 7.8404 95668	0.35	-1.72	-0.80	0.25	0.25	0.43	275000 0	180000 0
37.7222930 00	- 7.2879 72427	0.43	-1.68	-0.73	0.29	0.29	0.49	280000 0	180000 0
37.8226087 10	- 6.7340 36448	0.36	-1.69	-0.73	0.27	0.27	0.45	285000 0	180000 0
37.9197012 90	- 6.1787 23109	0.15	-1.51	-0.63	0.27	0.27	0.44	290000 0	180000 0
38.0135582 40	- 5.6220 68797	-0.06	-1.36	-0.57	0.26	0.26	0.44	295000 0	180000 0
38.1041673 90	- 5.0641 10880	-0.06	-1.35	-0.58	0.28	0.28	0.46	300000 0	180000 0
38.1915168 80	- 4.5048 87694	0.02	-1.33	-0.72	0.27	0.27	0.45	305000 0	180000 0
38.2755952 10	- 3.9444 38524	0.04	-1.31	-0.86	0.28	0.29	0.47	310000 0	180000 0
38.3563911 80	- 3.3828 03578	-0.31	-1.41	-0.94	0.30	0.31	0.50	315000 0	180000 0
38.4338939 80	- 2.8200 23964	-0.52	-1.32	-0.90	0.31	0.32	0.52	320000 0	180000 0
38.5080931 60	- 2.2561 41671	-0.49	-1.04	-0.76	0.33	0.33	0.54	325000 0	180000 0
38.5789786	-	-0.31	-0.88	-0.70	0.29	0.29	0.48	330000	180000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
30	1.6911 99535							0	0
38.6465406 90	- 1.1252 41221	-0.13	-0.83	-0.69	0.26	0.26	0.42	335000 0	180000 0
38.7107700 50	- 0.5583 11185	0.05	-0.71	-0.68	0.23	0.23	0.39	340000 0	180000 0
38.7716578 10	0.0095 45348	-0.05	-0.46	-0.83	0.21	0.21	0.37	345000 0	180000 0
38.8291955 00	0.5782 82421	-0.03	-0.42	-1.07	0.33	0.33	0.55	350000 0	180000 0
38.8833750 50	1.1478 53371	-0.03	-0.40	-1.37	0.27	0.27	0.44	355000 0	180000 0
38.9341888 50	1.7182 10871	-0.03	-0.33	-1.47	0.28	0.28	0.45	360000 0	180000 0
38.9816297 00	2.2893 06957	0.01	-0.21	-1.34	0.36	0.36	0.60	365000 0	180000 0
39.0256908 70	2.8610 93066	0.00	-0.15	-1.22	0.32	0.32	0.54	370000 0	180000 0
39.0663660 70	3.4335 20076	0.04	-0.10	-1.11	0.35	0.35	0.59	375000 0	180000 0
39.2692729 90	8.0299 59106	0.14	-0.51	-0.95	0.33	0.36	0.62	415000 0	180000 0
39.2792693 80	8.6058 70350	0.10	-0.64	-0.77	0.18	0.24	0.40	420000 0	180000 0
39.2858431 20	9.1819 09080	-0.08	-0.48	-0.95	0.17	0.17	0.29	425000 0	180000 0
39.2889932 60	9.7580 22656	0.02	-0.29	-1.50	0.25	0.27	0.47	430000 0	180000 0
39.1633712 50	14.937 731210	2.05	-0.20	-2.27	0.35	0.35	0.61	475000 0	180000 0
39.1323424 10	15.511 706060	2.36	0.15	-1.97	0.32	0.32	0.56	480000 0	180000 0
39.0979122 80	16.085 182260	2.88	0.52	-1.25	0.24	0.25	0.46	485000 0	180000 0
39.0600858 20	16.658 109270	3.07	1.58	-0.53	0.22	0.22	0.42	490000 0	180000 0
39.0188684 60	17.230 437060	2.58	2.08	-0.39	0.26	0.27	0.52	495000 0	180000 0
38.8202149 30	19.512 772770	-0.12	-2.08	-0.75	0.41	0.42	0.74	515000 0	180000 0
38.7621406 80	20.081 372070	-8.91	-7.58	-0.74	0.41	0.38	0.64	520000 0	180000 0
38.7007176 80	20.649 083440	-13.18	-7.19	-0.72	0.23	0.21	0.44	525000 0	180000 0
38.6359544 80	21.215 861020	-7.17	-10.85	-1.00	0.21	0.22	0.43	530000 0	180000 0
38.5678600	21.781	-15.76	-11.22	-1.14	0.28	0.30	0.45	535000	180000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
40	659710							0	0
38.496443720	22.346435180	-15.64	-11.60	-0.75	0.25	0.27	0.46	540000	180000
38.421715270	22.910143900	-18.04	-11.05	-0.23	0.27	0.29	0.49	545000	180000
38.343684850	23.472743170	-25.21	-15.53	0.07	0.25	0.49	0.44	550000	180000
38.262362960	24.034191130	-25.08	-15.46	-0.28	0.28	0.50	0.43	555000	180000
38.177760490	24.594446820	-26.31	-16.58	-0.66	0.32	0.52	0.53	560000	180000
38.089888670	25.153470180	-26.06	-17.68	-0.63	0.39	0.54	0.62	565000	180000
37.998759060	25.711222070	-24.89	-18.44	-0.43	0.42	0.52	0.62	570000	180000
37.904383590	26.267664310	-24.15	-18.98	-0.38	0.42	0.48	0.54	575000	180000
37.806774460	26.822759690	-23.91	-19.45	-0.53	0.42	0.45	0.53	580000	180000
37.705944230	27.376471990	-22.49	-20.18	-0.80	0.51	0.47	0.59	585000	180000
37.601905700	27.928765970	-21.20	-20.41	-1.00	0.56	0.46	0.61	590000	180000
37.494672010	28.479607460	-21.86	-20.49	-1.03	0.64	0.48	0.64	595000	180000
37.384256530	29.028963280	-4.20	-14.67	-1.14	0.38	0.37	0.65	600000	180000
37.270672910	29.576801320	-6.05	-16.02	-1.13	0.33	0.30	0.59	605000	180000
37.153935040	30.123090540	-6.58	-15.52	-1.24	0.34	0.33	0.59	610000	180000
37.034057060	30.667800940	-6.38	-14.41	-1.32	0.27	0.28	0.52	615000	180000
36.911053310	31.210903640	-4.58	-13.67	-1.30	0.36	0.36	0.63	620000	180000
36.784938370	31.752370820	-2.66	-12.99	-1.28	0.39	0.38	0.67	625000	180000
36.655726980	32.292175750	-0.92	-12.27	-1.29	0.38	0.35	0.64	630000	180000
36.523434110	32.830292830	0.47	-11.65	-1.28	0.35	0.32	0.61	635000	180000
36.388074870	33.366697510	1.57	-11.17	-1.19	0.34	0.34	0.59	640000	180000
36.249664530	33.901366400	2.61	-10.82	-1.09	0.25	0.25	0.46	645000	180000
36.108218540	34.434277180	3.72	-10.65	-1.02	0.35	0.36	0.62	650000	180000
35.9637524	34.965	4.61	-10.36	-0.89	0.40	0.40	0.72	655000	180000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
60	408650							0	0
35.816281970	35.494740700	9.81	-5.95	-0.77	0.57	0.44	0.74	660000	180000
35.665822890	36.022254350	10.18	-5.84	-0.71	0.54	0.44	0.75	665000	180000
35.512391100	36.547931700	10.69	-5.61	-0.70	0.53	0.47	0.78	670000	180000
35.356002610	37.071755930	11.16	-5.35	-0.68	0.52	0.49	0.82	675000	180000
36.851128600	-9.364010121	0.24	-0.99	-1.07	0.39	0.39	0.70	260000	175000
36.963377930	-8.819056445	0.38	-1.55	-1.09	0.27	0.27	0.45	265000	175000
37.072476540	-8.272631405	0.34	-1.97	-1.01	0.26	0.26	0.42	270000	175000
37.178411210	-7.724766556	0.34	-2.10	-0.84	0.20	0.20	0.33	275000	175000
37.281168990	-7.175494466	0.58	-1.98	-0.72	0.25	0.25	0.40	280000	175000
37.380737170	-6.624848694	0.56	-1.90	-0.59	0.27	0.27	0.45	285000	175000
37.477103360	-6.072863781	0.33	-1.77	-0.42	0.26	0.26	0.44	290000	175000
37.570255410	-5.519575233	0.06	-1.64	-0.30	0.29	0.29	0.48	295000	175000
37.660181520	-4.965019505	-0.12	-1.48	-0.41	0.28	0.28	0.45	300000	175000
37.746870170	-4.409233977	-0.10	-1.31	-0.59	0.26	0.26	0.42	305000	175000
37.830310190	-3.852256944	0.00	-1.28	-0.69	0.22	0.22	0.39	310000	175000
37.910490720	-3.294127585	-0.34	-1.58	-0.71	0.27	0.27	0.44	315000	175000
37.987401260	-2.734885948	-0.46	-1.52	-0.63	0.27	0.27	0.45	320000	175000
38.061031660	-2.174572920	-0.32	-1.10	-0.52	0.25	0.25	0.41	325000	175000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
38.1313721 50	- 1.6132 30209	0.06	-0.83	-0.53	0.23	0.23	0.37	330000 0	175000 0
38.1984133 20	- 1.0509 00309	0.25	-0.82	-0.66	0.21	0.21	0.34	335000 0	175000 0
38.2621461 40	- 0.4876 26482	0.13	-0.66	-0.81	0.23	0.24	0.40	340000 0	175000 0
38.3225620 00	0.0765 47279	0.10	-0.42	-0.90	0.31	0.31	0.53	345000 0	175000 0
38.3796526 70	0.6415 76276	0.10	-0.33	-1.04	0.36	0.36	0.62	350000 0	175000 0
38.4334103 30	1.2074 15136	0.18	-0.28	-1.18	0.33	0.33	0.55	355000 0	175000 0
38.4838275 80	1.7740 17847	0.16	-0.22	-1.25	0.34	0.34	0.58	360000 0	175000 0
38.8162759 60	8.0433 65425	0.15	-0.38	-0.95	0.36	0.38	0.67	415000 0	175000 0
38.8261931 60	8.6153 60329	0.14	-0.43	-0.97	0.30	0.33	0.56	420000 0	175000 0
38.8327148 10	9.1874 78984	0.11	-0.31	-1.09	0.31	0.32	0.55	425000 0	175000 0
38.8358399 70	9.7596 70291	0.21	-0.25	-1.34	0.35	0.35	0.63	430000 0	175000 0
38.8005199 60	12.619 926340	1.41	-0.61	-1.22	0.36	0.38	0.68	455000 0	175000 0
38.7832738 50	13.191 480090	1.70	-0.63	-1.37	0.19	0.31	0.58	460000 0	175000 0
38.7626383 10	13.762 749500	2.23	-0.72	-1.57	0.33	0.35	0.63	465000 0	175000 0
38.7386162 80	14.333 684150	2.74	-0.74	-2.16	0.30	0.30	0.56	470000 0	175000 0
38.7112111 70	14.904 233930	3.04	-0.40	-2.76	0.24	0.24	0.45	475000 0	175000 0
38.6804268 70	15.474 349020	3.02	0.16	-2.18	0.26	0.27	0.49	480000 0	175000 0
38.6462677 10	16.043 979990	2.98	0.70	-1.18	0.25	0.26	0.48	485000 0	175000 0
38.6087385 10	16.613 077750	2.94	1.48	-0.58	0.24	0.25	0.48	490000 0	175000 0
38.5678445 30	17.181 593690	2.18	1.42	-0.49	0.35	0.35	0.63	495000 0	175000 0
38.3131187 10	20.013 779160	-8.43	-9.94	-0.86	0.43	0.39	0.68	520000 0	175000 0
38.2521715 70	20.577 811920	-11.96	-9.19	-1.08	0.31	0.29	0.53	525000 0	175000 0
38.1879088 20	21.140 937660	-16.28	-11.26	-1.34	0.29	0.30	0.48	530000 0	175000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
38.120339150	21.703112500	-15.41	-13.92	-1.54	0.25	0.27	0.44	5350000	1750000
38.049471630	22.264293290	-26.59	-16.83	-1.18	0.33	0.47	0.46	5400000	1750000
37.975315740	22.824437680	-26.53	-15.55	-0.61	0.30	0.44	0.43	5450000	1750000
37.897881310	23.383504080	-26.51	-16.23	-0.38	0.30	0.47	0.48	5500000	1750000
37.817178550	23.941451730	-27.19	-16.94	-0.51	0.25	0.44	0.43	5550000	1750000
37.733218010	24.498240740	-27.61	-17.38	-0.83	0.30	0.47	0.54	5600000	1750000
37.646010610	25.053832050	-26.78	-17.69	-0.60	0.34	0.47	0.60	5650000	1750000
37.555567570	25.608187510	-25.80	-17.99	-0.04	0.41	0.47	0.58	5700000	1750000
37.461900450	26.161269910	-25.72	-18.20	0.18	0.43	0.43	0.50	5750000	1750000
37.365021120	26.713042920	-25.70	-18.37	-0.18	0.46	0.44	0.58	5800000	1750000
37.264941760	27.263471200	-24.83	-18.46	-0.71	0.46	0.39	0.55	5850000	1750000
37.161674820	27.812520360	-23.53	-17.77	-1.06	0.56	0.44	0.62	5900000	1750000
37.055233030	28.360157000	-21.69	-17.37	-1.28	0.61	0.43	0.60	5950000	1750000
36.945629420	28.906348710	-20.28	-17.33	-1.63	0.66	0.42	0.56	6000000	1750000
36.832877220	29.451064110	-2.32	-11.34	-1.71	0.32	0.31	0.54	6050000	1750000
36.716989950	29.994272810	-4.97	-12.20	-1.60	0.35	0.34	0.61	6100000	1750000
36.597981340	30.535945480	-5.64	-12.04	-1.56	0.33	0.32	0.62	6150000	1750000
36.475865330	31.076053820	-4.26	-11.78	-1.44	0.39	0.38	0.69	6200000	1750000
36.350656080	31.614570560	-2.58	-11.37	-1.36	0.41	0.41	0.73	6250000	1750000
36.222367960	32.151469520	-1.07	-10.83	-1.35	0.40	0.39	0.70	6300000	1750000
36.091015490	32.686725560	0.20	-10.25	-1.35	0.30	0.30	0.60	6350000	1750000
35.956613370	33.220314600	1.48	-9.64	-1.22	0.33	0.33	0.60	6400000	1750000
35.819176490	33.752213640	2.73	-9.26	-1.02	0.36	0.36	0.62	6450000	1750000
35.678719840	34.282400730	3.78	-9.13	-0.87	0.38	0.38	0.67	6500000	1750000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
35.5352585 80	34.810 855020	4.58	-9.08	-0.78	0.41	0.41	0.74	655000 0	175000 0
35.3888079 70	35.337 556700	9.87	-5.23	-0.70	0.59	0.48	0.77	660000 0	175000 0
35.2393834 00	35.862 487030	10.24	-5.16	-0.65	0.57	0.48	0.79	665000 0	175000 0
35.0870003 50	36.385 628350	8.63	-5.67	-0.62	0.62	1.11	0.81	670000 0	175000 0
36.5241100 40	- 8.6991 26639	0.27	-1.24	-0.94	0.39	0.39	0.68	265000 0	170000 0
36.6324146 00	- 8.1558 22624	0.30	-1.61	-0.89	0.37	0.37	0.63	270000 0	170000 0
36.7375749 30	- 7.6111 18166	0.36	-1.89	-0.81	0.35	0.35	0.59	275000 0	170000 0
36.8395784 60	- 7.0650 45085	0.52	-2.07	-0.70	0.33	0.33	0.55	280000 0	170000 0
36.9384128 40	- 6.5176 36156	0.60	-2.21	-0.49	0.29	0.29	0.48	285000 0	170000 0
37.0340660 30	- 5.9689 25099	0.53	-2.23	-0.13	0.24	0.24	0.39	290000 0	170000 0
37.1265262 50	- 5.4189 46563	0.19	-2.23	0.11	0.22	0.22	0.36	295000 0	170000 0
37.2157820 20	- 4.8677 36106	-0.23	-2.07	-0.19	0.27	0.27	0.44	300000 0	170000 0
37.3018221 70	- 4.3153 30182	-0.43	-1.85	-0.53	0.28	0.28	0.48	305000 0	170000 0
37.3846358 40	- 3.7617 66118	-0.48	-1.85	-0.53	0.28	0.28	0.50	310000 0	170000 0
37.4642125 00	- 3.2070 82094	-0.47	-1.85	-0.43	0.29	0.29	0.51	315000 0	170000 0
37.5405419 60	- 2.6513 17123	-0.35	-1.66	-0.26	0.27	0.27	0.45	320000 0	170000 0
37.6136143 70	- 2.0945 11026	0.06	-1.19	-0.25	0.28	0.28	0.45	325000 0	170000 0
37.6834202 40	- 1.5367 04410	0.62	-0.90	-0.45	0.26	0.26	0.43	330000 0	170000 0
37.7499504	-	0.88	-0.92	-0.86	0.19	0.19	0.32	335000	170000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
50	0.977938638							0	0
37.813196240	-0.418255808	0.44	-0.68	-1.01	0.28	0.28	0.47	340000	170000
37.873149240	0.142301278	0.26	-0.43	-0.98	0.37	0.37	0.65	345000	170000
38.361150870	12.034371850	1.46	-0.74	-1.14	0.38	0.38	0.68	450000	170000
38.347405040	12.602323060	2.18	-0.99	-1.10	0.31	0.32	0.56	455000	170000
38.330293780	13.170047350	2.82	-1.04	-0.88	0.26	0.28	0.49	460000	170000
38.309819460	13.737495570	3.14	-1.01	-1.01	0.31	0.32	0.54	465000	170000
38.285984940	14.304618760	4.05	-0.99	-1.42	0.29	0.29	0.52	470000	170000
38.258793530	14.871368260	5.35	-0.62	-1.53	0.24	0.24	0.45	475000	170000
38.228248970	15.437695690	4.34	0.16	-1.21	0.21	0.24	0.45	480000	170000
38.194355500	16.003553010	2.49	0.77	-0.85	0.22	0.25	0.49	485000	170000
38.157117770	16.568892570	2.20	1.03	-0.64	0.30	0.30	0.58	490000	170000
37.863778370	19.947444820	-7.95	-13.00	-0.90	0.45	0.42	0.73	520000	170000
37.803297970	20.507864930	-11.87	-12.47	-1.04	0.37	0.35	0.60	525000	170000
37.739526100	21.067403890	-14.89	-14.03	-1.25	0.29	0.29	0.47	530000	170000
37.672471190	21.626019010	-28.42	-18.15	-1.54	0.36	0.44	0.44	535000	170000
37.602142050	22.183668300	-26.47	-17.81	-1.65	0.33	0.43	0.45	540000	170000
37.528547870	22.740310530	-27.38	-16.84	-1.53	0.29	0.42	0.45	545000	170000
37.451698180	23.295905200	-28.10	-17.44	-1.16	0.25	0.41	0.49	550000	170000
37.371602910	23.850412630	-27.99	-17.56	-0.88	0.32	0.45	0.57	555000	170000
37.288272280	24.403793940	-27.51	-17.51	-0.75	0.34	0.45	0.60	560000	170000
37.201716900	24.956011070	-26.78	-17.54	-0.28	0.31	0.42	0.59	565000	170000
37.111947660	25.507026850	-26.14	-17.68	0.53	0.34	0.42	0.52	570000	170000
37.018975790	26.056804950	-27.23	-17.53	0.79	0.42	0.44	0.55	575000	170000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
36.9228128 10	26.605 309970	-28.18	-17.06	0.24	0.44	0.42	0.61	580000 0	170000 0
36.8234705 40	27.152 507410	-28.22	-16.17	-0.53	0.47	0.39	0.59	585000 0	170000 0
36.7209610 90	27.698 363690	-26.99	-14.59	-1.21	0.52	0.36	0.56	590000 0	170000 0
36.6152968 30	28.242 846190	-23.66	-13.59	-1.44	0.59	0.39	0.59	595000 0	170000 0
36.5064903 90	28.785 923250	-20.07	-14.04	-1.86	0.63	0.38	0.53	600000 0	170000 0
36.3945546 50	29.327 564170	-20.17	-15.66	-1.99	0.69	0.38	0.55	605000 0	170000 0
36.2795027 40	29.867 739250	-4.07	-9.47	-1.79	0.36	0.34	0.64	610000 0	170000 0
36.1613480 00	30.406 419780	-4.78	-10.10	-1.63	0.38	0.36	0.69	615000 0	170000 0
36.0401039 90	30.943 578050	-3.73	-10.21	-1.47	0.42	0.41	0.75	620000 0	170000 0
35.7884034 40	32.013 222030	-1.11	-9.49	-1.37	0.41	0.41	0.75	630000 0	170000 0
35.6579749 80	32.545 657410	0.15	-8.77	-1.38	0.37	0.38	0.68	635000 0	170000 0
35.5245134 20	33.076 469860	1.51	-7.90	-1.28	0.33	0.34	0.58	640000 0	170000 0
35.3880332 10	33.605 636790	3.02	-7.60	-0.89	0.30	0.30	0.53	645000 0	170000 0
35.2485489 70	34.133 136640	4.05	-7.64	-0.72	0.32	0.32	0.61	650000 0	170000 0
35.1060754 30	34.658 948870	4.56	-7.89	-0.67	0.40	0.40	0.73	655000 0	170000 0
34.8122200 30	35.705 433520	8.42	-5.28	-0.57	0.47	1.00	0.78	665000 0	170000 0
36.3975196 60	- 6.9565 77245	0.42	-2.17	-0.72	0.37	0.38	0.65	280000 0	165000 0
36.4956336 60	- 6.4123 52794	0.48	-2.77	-0.62	0.25	0.26	0.44	285000 0	165000 0
36.5905869 40	- 5.8668 62070	0.50	-3.06	-0.27	0.27	0.28	0.46	290000 0	165000 0
36.6823680 70	- 5.3201 38884	0.21	-3.09	0.14	0.24	0.24	0.40	295000 0	165000 0
36.7709659 00	- 4.7722 17922	-0.50	-2.99	-0.34	0.25	0.26	0.43	300000 0	165000 0
36.8563695 90	- 4.2231	-1.02	-2.84	-0.88	0.26	0.27	0.44	305000 0	165000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	34732								
36.9385686 00	- 3.6729 25699	-1.13	-2.64	-0.83	0.25	0.25	0.45	310000 0	165000 0
37.0175526 90	- 3.1216 28031	-0.72	-2.23	-0.68	0.30	0.30	0.51	315000 0	165000 0
37.0933119 90	- 2.5692 79735	-0.33	-1.78	-0.42	0.23	0.23	0.38	320000 0	165000 0
37.1658369 20	- 2.0159 19594	0.24	-1.24	-0.39	0.28	0.28	0.47	325000 0	165000 0
37.2351182 80	- 1.4615 87145	0.72	-0.92	-0.58	0.32	0.32	0.55	330000 0	165000 0
37.3011472 10	- 0.9063 22654	0.95	-0.77	-0.90	0.32	0.32	0.55	335000 0	165000 0
37.3639152 30	- 0.3501 67090	0.63	-0.58	-1.01	0.36	0.36	0.62	340000 0	165000 0
37.9076788 70	12.020 863620	1.69	-0.92	-1.11	0.36	0.36	0.65	450000 0	165000 0
37.8940393 20	12.585 050540	2.66	-1.37	-1.06	0.21	0.21	0.40	455000 0	165000 0
37.8770602 70	13.149 017120	2.97	-1.41	-0.68	0.23	0.23	0.41	460000 0	165000 0
37.8567440 30	13.712 715610	3.03	-1.30	-0.53	0.28	0.28	0.48	465000 0	165000 0
37.8330933 70	14.276 098470	4.02	-1.23	-0.65	0.30	0.30	0.53	470000 0	165000 0
37.8061114 90	14.839 118430	5.04	-0.86	-0.78	0.29	0.29	0.51	475000 0	165000 0
37.7758020 40	15.401 728510	4.13	-0.12	-0.83	0.26	0.29	0.52	480000 0	165000 0
37.7421691 00	15.963 882030	2.29	0.37	-0.87	0.29	0.32	0.59	485000 0	165000 0
37.7052172 00	16.525 532690	1.71	0.48	-0.78	0.37	0.37	0.69	490000 0	165000 0
37.3540918 20	20.439 210150	-31.10	-15.89	-0.97	0.56	0.50	0.70	525000 0	165000 0
37.2908015 00	20.995 225930	-30.49	-17.67	-1.14	0.49	0.46	0.61	530000 0	165000 0
37.2242516 00	21.550 344020	-28.38	-20.70	-1.39	0.40	0.42	0.49	535000 0	165000 0
37.1544506 60	22.104 523590	-27.35	-20.96	-1.63	0.31	0.37	0.39	540000 0	165000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
37.081407600	22.657724480	-28.15	-18.66	-1.78	0.31	0.39	0.46	5450000	1650000
37.005131690	23.209907260	-28.25	-17.62	-1.55	0.31	0.40	0.51	5500000	1650000
36.925632540	23.761033280	-27.70	-17.46	-1.03	0.36	0.44	0.61	5550000	1650000
36.842920090	24.311064650	-27.12	-17.41	-0.74	0.28	0.37	0.57	5600000	1650000
36.757004620	24.859964310	-27.30	-17.61	0.03	0.33	0.39	0.58	5650000	1650000
36.667896720	25.407696000	-28.26	-17.80	1.04	0.35	0.38	0.53	5700000	1650000
36.575607290	25.954224300	-28.99	-17.01	1.06	0.39	0.40	0.57	5750000	1650000
36.480147520	26.499514670	-29.89	-15.69	0.37	0.41	0.37	0.62	5800000	1650000
36.381528890	27.043533440	-30.04	-14.07	-0.58	0.48	0.37	0.58	5850000	1650000
36.279763150	27.586247830	-29.53	-11.66	-1.12	0.50	0.33	0.51	5900000	1650000
36.174862330	28.127626000	-26.45	-10.54	-1.34	0.54	0.32	0.55	5950000	1650000
36.066838710	28.667636990	-23.52	-13.04	-1.63	0.65	0.40	0.65	6000000	1650000
35.955704800	29.206250820	-22.77	-15.20	-1.73	0.72	0.43	0.70	6050000	1650000
35.841473350	29.743438420	-4.13	-8.03	-1.65	0.42	0.40	0.74	6100000	1650000
35.724157330	30.279171710	-4.11	-8.75	-1.53	0.42	0.41	0.77	6150000	1650000
35.353834730	31.877379340	-1.14	-8.38	-1.33	0.43	0.43	0.78	6300000	1650000
35.224314240	32.407033920	0.05	-7.63	-1.37	0.40	0.40	0.72	6350000	1650000
35.091776990	32.935108380	1.35	-6.61	-1.38	0.30	0.32	0.57	6400000	1650000
34.956237040	33.461580540	2.86	-6.71	-0.85	0.28	0.29	0.50	6450000	1650000
34.817708610	33.986429200	3.74	-6.79	-0.68	0.35	0.35	0.65	6500000	1650000
34.676206050	34.509634170	4.34	-6.96	-0.61	0.41	0.41	0.74	6550000	1650000
36.052397350	-6.308954064	0.46	-3.15	-0.69	0.34	0.34	0.59	2850000	1600000
36.146663510	-5.766631169	0.61	-4.05	-0.58	0.25	0.26	0.42	2900000	1600000
36.2377780	-	0.38	-3.89	-0.37	0.25	0.27	0.43	2950000	1600000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
10	5.2231 09737							0	0
36.3257300 20	- 4.6784 23603	-0.24	-3.43	-0.65	0.32	0.33	0.55	300000 0	160000 0
36.4105090 20	- 4.1326 07429	-0.64	-3.13	-1.06	0.33	0.33	0.55	305000 0	160000 0
36.4921047 70	- 3.5856 96686	-0.74	-2.95	-1.23	0.30	0.30	0.50	310000 0	160000 0
36.5705073 30	- 3.0377 27634	-0.28	-2.46	-1.19	0.32	0.32	0.53	315000 0	160000 0
36.6457071 10	- 2.4887 37299	0.16	-1.78	-1.04	0.28	0.28	0.46	320000 0	160000 0
36.7176948 30	- 1.9387 63458	0.39	-1.25	-0.83	0.35	0.35	0.59	325000 0	160000 0
36.7864615 40	- 1.3878 44608	0.56	-0.88	-0.80	0.39	0.39	0.68	330000 0	160000 0
37.4539509 30	12.007 607760	1.55	-0.95	-1.08	0.39	0.39	0.71	450000 0	160000 0
37.4404156 00	12.568 100580	2.17	-1.34	-1.04	0.32	0.32	0.60	455000 0	160000 0
37.4235662 00	13.128 379400	2.47	-1.73	-1.04	0.24	0.25	0.47	460000 0	160000 0
37.4034049 80	13.688 397850	2.99	-2.03	-0.71	0.20	0.21	0.40	465000 0	160000 0
37.3799346 20	14.248 109760	3.17	-1.76	-0.68	0.25	0.26	0.45	470000 0	160000 0
37.3531582 30	14.807 469210	3.84	-1.53	-1.06	0.26	0.27	0.46	475000 0	160000 0
37.3230793 30	15.366 430530	3.77	-0.87	-1.14	0.29	0.31	0.54	480000 0	160000 0
36.8417300 90	20.924 371130	-29.70	-19.01	-0.96	0.52	0.47	0.69	530000 0	160000 0
36.7756756 70	21.476 053520	-29.15	-22.16	-1.03	0.40	0.38	0.52	535000 0	160000 0
36.7063930 10	22.026 823790	-28.35	-22.13	-0.83	0.35	0.37	0.45	540000 0	160000 0
36.6338907 60	22.576 642830	-27.79	-19.51	-0.74	0.30	0.36	0.41	545000 0	160000 0
36.5581779 00	23.125 472280	-27.41	-17.40	-0.95	0.26	0.32	0.42	550000 0	160000 0
36.4792637 70	23.673 274480	-27.27	-17.31	-0.71	0.36	0.41	0.60	555000 0	160000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
36.3971580 30	24.220 012500	-27.26	-17.38	-0.49	0.35	0.40	0.62	560000 0	160000 0
36.3118706 60	24.765 650230	-27.90	-17.61	0.04	0.36	0.40	0.61	565000 0	160000 0
36.2234119 30	25.310 152320	-29.26	-17.76	0.74	0.34	0.35	0.55	570000 0	160000 0
36.1317924 30	25.853 484240	-29.42	-16.80	0.38	0.42	0.40	0.63	575000 0	160000 0
36.0370230 30	26.395 612290	-29.81	-15.37	-0.29	0.46	0.41	0.66	580000 0	160000 0
35.9391148 80	26.936 503600	-30.49	-13.41	-0.98	0.49	0.38	0.61	585000 0	160000 0
35.8380794 00	27.476 126200	-30.62	-11.18	-1.31	0.50	0.33	0.55	590000 0	160000 0
35.7339282 70	28.014 448960	-28.36	-11.33	-1.37	0.57	0.37	0.63	595000 0	160000 0
35.6266734 30	28.551 441660	-25.60	-13.54	-1.47	0.66	0.43	0.72	600000 0	160000 0
34.9186628 50	31.743 889160	-1.23	-7.52	-1.22	0.44	0.44	0.81	630000 0	160000 0
34.7900346 10	32.270 802300	-0.13	-7.00	-1.20	0.42	0.43	0.77	635000 0	160000 0
34.6584057 60	32.796 176910	1.03	-6.50	-1.10	0.40	0.41	0.72	640000 0	160000 0
34.5237899 80	33.319 991200	2.17	-6.32	-0.87	0.40	0.40	0.71	645000 0	160000 0
34.3862011 10	33.842 224360	3.11	-6.28	-0.69	0.41	0.41	0.74	650000 0	160000 0
32.7816386 70	- 17.719 150630	0.28	-2.35	-0.93	0.40	0.39	0.72	175000 0	155000 0
32.9410148 00	- 17.212 172740	0.37	-3.59	-1.00	0.32	0.31	0.58	180000 0	155000 0
33.0975421 90	- 16.703 527080	0.42	-3.65	-0.95	0.34	0.34	0.62	185000 0	155000 0
33.2512066 70	- 16.193 226770	0.28	-2.94	-0.89	0.37	0.36	0.71	190000 0	155000 0
35.5119892 30	- 6.7454 05585	0.39	-2.43	-0.73	0.42	0.42	0.74	280000 0	155000 0
35.6087014 60	- 6.2073 96864	0.43	-3.34	-0.70	0.38	0.38	0.65	285000 0	155000 0
35.7022929 90	- 5.6681 90289	0.46	-4.61	-0.66	0.28	0.28	0.46	290000 0	155000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
35.7927530 30	- 5.1278 18052	0.34	-4.54	-0.63	0.25	0.26	0.43	295000 0	155000 0
35.8800710 70	- 4.5863 13157	0.16	-3.56	-0.82	0.37	0.37	0.62	300000 0	155000 0
37.0101020 50	11.437 568220	0.95	-0.66	-1.08	0.43	0.43	0.81	445000 0	155000 0
36.9999597 80	11.994 598050	1.39	-0.95	-1.12	0.42	0.42	0.76	450000 0	155000 0
36.9865266 40	12.551 465240	1.87	-1.31	-1.15	0.39	0.39	0.71	455000 0	155000 0
36.9698044 00	13.108 124560	2.35	-1.69	-1.16	0.36	0.36	0.64	460000 0	155000 0
36.9497952 20	13.664 530970	2.87	-1.99	-1.13	0.33	0.33	0.58	465000 0	155000 0
36.9265016 90	14.220 639620	3.19	-1.98	-1.28	0.31	0.31	0.53	470000 0	155000 0
36.8999268 30	14.776 405890	3.85	-1.91	-1.68	0.18	0.18	0.31	475000 0	155000 0
36.8700740 80	15.331 785410	3.76	-1.33	-1.47	0.26	0.27	0.48	480000 0	155000 0
36.3267386 10	21.403 114620	-28.80	-20.03	-0.64	0.49	0.44	0.69	535000 0	155000 0
36.2579645 30	21.950 534690	-28.13	-20.21	-0.32	0.43	0.42	0.62	540000 0	155000 0
36.1859930 00	22.497 030140	-27.39	-19.03	-0.05	0.37	0.39	0.55	545000 0	155000 0
36.1108327 40	23.042 563580	-26.84	-17.67	-0.05	0.31	0.34	0.51	550000 0	155000 0
36.0324928 10	23.587 098330	-26.93	-17.30	-0.27	0.36	0.40	0.59	555000 0	155000 0
35.9509825 80	24.130 598430	-27.26	-17.24	-0.38	0.36	0.39	0.60	560000 0	155000 0
35.8663117 50	24.673 028670	-27.69	-17.38	-0.35	0.37	0.39	0.61	565000 0	155000 0
35.7784903 00	25.214 354590	-28.26	-17.27	-0.41	0.38	0.38	0.61	570000 0	155000 0
35.6875285 10	25.754 542520	-28.66	-16.60	-0.74	0.41	0.39	0.62	575000 0	155000 0
35.5934369 30	26.293 559580	-29.12	-15.57	-1.10	0.44	0.39	0.64	580000 0	155000 0
35.4962264 10	26.831 373710	-30.02	-13.93	-1.48	0.46	0.35	0.59	585000 0	155000 0
35.3959080 30	27.367 953690	-29.89	-12.86	-1.62	0.50	0.34	0.59	590000 0	155000 0
34.3551371 30	32.136 911330	-0.37	-6.44	-1.04	0.44	0.44	0.82	635000 0	155000 0
34.2244011	32.659	0.66	-6.11	-0.94	0.44	0.44	0.80	640000	155000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
10	623750							0	0
34.0906937 30	33.180 816680	1.65	-5.88	-0.80	0.43	0.44	0.79	645000 0	155000 0
32.3564009 80	- 17.561 261570	0.36	-2.43	-0.93	0.39	0.39	0.70	175000 0	150000 0
32.5147638 70	- 17.056 505330	0.68	-3.98	-0.98	0.27	0.27	0.45	180000 0	150000 0
32.6702902 00	- 16.550 123300	0.61	-3.89	-0.96	0.31	0.31	0.54	185000 0	150000 0
32.8229661 30	- 16.042 128440	0.35	-2.85	-0.90	0.39	0.38	0.71	190000 0	150000 0
35.1645433 60	- 6.1076 39477	0.42	-3.21	-0.68	0.40	0.40	0.69	285000 0	150000 0
35.2574724 70	- 5.5714 98682	0.35	-4.06	-0.64	0.34	0.34	0.57	290000 0	150000 0
35.3472899 50	- 5.0342 24092	0.33	-4.06	-0.69	0.33	0.34	0.57	295000 0	150000 0
35.4339855 60	- 4.4958 47899	0.41	-3.30	-0.87	0.39	0.39	0.68	300000 0	150000 0
35.5175493 90	- 3.9564 03063	0.68	-2.94	-1.12	0.39	0.39	0.68	305000 0	150000 0
35.5979717 60	- 3.4159 23291	1.26	-3.02	-1.41	0.34	0.34	0.57	310000 0	150000 0
35.6752433 30	- 2.8744 43021	1.64	-2.93	-1.56	0.28	0.28	0.47	315000 0	150000 0
35.8202981 40	- 1.7886 22274	0.74	-1.30	-1.13	0.42	0.42	0.75	325000 0	150000 0
35.8880642 10	- 1.2443 54145	0.51	-0.82	-1.00	0.43	0.43	0.80	330000 0	150000 0
36.5557646 40	11.428 362140	0.95	-0.71	-1.11	0.44	0.44	0.81	445000 0	150000 0
36.5456980 90	11.981 828510	1.37	-1.03	-1.20	0.42	0.42	0.77	450000 0	150000 0
36.5323652 10	12.535 136860	1.83	-1.36	-1.27	0.41	0.41	0.74	455000 0	150000 0
36.4727875 40	14.193 675460	3.27	-1.85	-1.57	0.35	0.35	0.61	470000 0	150000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
36.4464103 70	14.745 914280	3.61	-1.72	-1.71	0.31	0.31	0.53	475000 0	150000 0
36.4167794 30	15.297 777360	3.10	-1.27	-1.53	0.36	0.36	0.63	480000 0	150000 0
35.7377098 70	22.418 852100	-27.40	-18.13	-0.06	0.44	0.44	0.70	545000 0	150000 0
35.6630919 90	22.961 145660	-26.85	-17.60	0.03	0.39	0.41	0.66	550000 0	150000 0
35.5853156 80	23.502 468190	-26.48	-17.27	-0.02	0.32	0.37	0.58	555000 0	150000 0
35.5043900 30	24.042 784670	-27.01	-16.79	-0.41	0.20	0.25	0.41	560000 0	150000 0
35.4203244 70	24.582 060770	-27.29	-17.20	-0.73	0.25	0.29	0.50	565000 0	150000 0
35.3331286 80	25.120 262900	-27.75	-17.07	-1.22	0.26	0.27	0.47	570000 0	150000 0
35.2428126 50	25.657 358230	-28.19	-16.33	-1.70	0.29	0.27	0.49	575000 0	150000 0
35.1493866 40	26.193 314680	-28.29	-16.08	-1.66	0.32	0.25	0.55	580000 0	150000 0
35.0528611 70	26.728 100970	-28.58	-15.16	-1.59	0.48	0.39	0.67	585000 0	150000 0
34.9532470 20	27.261 686620	-28.23	-14.72	-1.54	0.55	0.43	0.72	590000 0	150000 0
32.0877423 80	- 16.903 394770	0.45	-2.61	-0.92	0.39	0.39	0.68	180000 0	145000 0
32.2422838 60	- 16.399 249260	0.45	-2.68	-0.92	0.39	0.39	0.69	185000 0	145000 0
32.3939873 80	- 15.893 531650	0.31	-2.12	-0.88	0.42	0.41	0.76	190000 0	145000 0
35.0704427 00	- 3.8706 52033	0.86	-2.59	-1.02	0.40	0.40	0.71	305000 0	145000 0
35.1502944 60	- 3.3333 07170	1.50	-2.78	-1.19	0.34	0.34	0.58	310000 0	145000 0
35.2270160 70	- 2.7949 89371	2.01	-2.92	-1.27	0.23	0.23	0.38	315000 0	145000 0
35.3005987 40	- 2.2557 32882	1.26	-1.89	-1.20	0.38	0.38	0.67	320000 0	145000 0
35.3710339 80	- 1.7155 72615	0.77	-1.18	-1.08	0.42	0.42	0.77	325000 0	145000 0
35.4383136 00	- 1.1745	0.48	-0.74	-0.98	0.44	0.44	0.82	330000 0	145000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	44125								
36.0779239 90	12.519 108060	2.07	-1.62	-1.41	0.39	0.39	0.67	455000 0	145000 0
36.0614488 00	13.068 726590	2.38	-1.74	-1.47	0.39	0.39	0.68	460000 0	145000 0
36.0187851 00	14.167 205150	3.43	-1.85	-1.65	0.33	0.33	0.60	470000 0	145000 0
35.9926018 60	14.715 980680	3.67	-1.78	-1.67	0.28	0.30	0.54	475000 0	145000 0
35.2149513 20	22.881 184200	-26.91	-17.24	-0.03	0.41	0.43	0.72	550000 0	145000 0
35.1377282 90	23.419 348610	-26.24	-17.04	0.03	0.29	0.36	0.62	555000 0	145000 0
35.0573765 40	23.956 534670	-26.36	-16.34	-0.33	0.26	0.31	0.49	560000 0	145000 0
34.9739052 10	24.492 708930	-27.68	-16.66	-0.75	0.30	0.34	0.51	565000 0	145000 0
34.8873237 30	25.027 838630	-28.72	-16.77	-1.20	0.30	0.32	0.53	570000 0	145000 0
34.7976417 90	25.561 891770	-28.37	-16.32	-1.57	0.39	0.38	0.62	575000 0	145000 0
34.7048693 50	26.094 837050	-28.01	-16.11	-1.61	0.44	0.40	0.68	580000 0	145000 0
34.6090166 50	26.626 643950	-27.64	-15.90	-1.50	0.51	0.45	0.74	585000 0	145000 0
34.6229127 60	- 3.7864 21125	0.75	-2.11	-0.90	0.42	0.42	0.75	305000 0	140000 0
34.7022042 90	- 3.2521 58887	1.07	-2.05	-1.01	0.40	0.40	0.70	310000 0	140000 0
34.7783859 90	- 2.7169 50425	1.22	-1.90	-1.07	0.38	0.38	0.67	315000 0	140000 0
34.8514493 20	- 2.1808 29108	0.96	-1.43	-1.05	0.41	0.41	0.74	320000 0	140000 0
34.9213860 20	- 1.6438 28943	0.64	-0.95	-1.00	0.43	0.43	0.80	325000 0	140000 0
34.9881881 60	- 1.1059 84559	0.41	-0.61	-0.93	0.44	0.44	0.84	330000 0	140000 0
35.6363337 50	11.956 986940	1.66	-1.39	-1.35	0.38	0.38	0.68	450000 0	140000 0
35.6231956 70	12.503 371700	2.64	-2.22	-1.59	0.25	0.25	0.42	455000 0	140000 0
35.6068405 10	13.049 565800	2.54	-1.95	-1.56	0.34	0.34	0.59	460000 0	140000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
35.5644872 50	14.141 216940	2.85	-1.59	-1.54	0.36	0.36	0.65	470000 0	140000 0
35.5384942 80	14.686 591860	2.86	-1.46	-1.49	0.34	0.35	0.64	475000 0	140000 0
34.6099381 10	23.871 813080	-27.26	-16.54	-0.38	0.34	0.38	0.58	560000 0	140000 0
34.5270502 50	24.404 936760	-27.74	-16.55	-0.70	0.37	0.41	0.61	565000 0	140000 0
34.4410719 80	24.937 044420	-27.97	-16.57	-1.04	0.41	0.44	0.69	570000 0	140000 0
35.1812163 10	11.944 903940	1.42	-1.20	-1.30	0.40	0.40	0.71	450000 0	135000 0
35.1681728 90	12.487 920870	2.04	-1.71	-1.46	0.34	0.34	0.59	455000 0	135000 0
35.1519354 90	13.030 752530	2.05	-1.59	-1.46	0.37	0.37	0.65	460000 0	135000 0
30.3720085 70	- 16.315 549310	0.17	-1.09	-0.90	0.44	0.44	0.84	180000 0	125000 0
30.5227670 90	- 15.820 081490	0.16	-1.01	-0.92	0.44	0.44	0.85	185000 0	125000 0
29.9411747 20	- 16.174 505730	0.20	-1.39	-0.94	0.44	0.44	0.83	180000 0	120000 0
30.0910252 30	- 15.681 140970	0.19	-1.26	-0.97	0.44	0.44	0.84	185000 0	120000 0
28.7237179 90	- 18.471 570010	0.16	-2.70	-0.80	0.37	0.38	0.65	155000 0	115000 0
28.8863300 00	- 17.987 185320	0.56	-3.49	-0.96	0.25	0.26	0.43	160000 0	115000 0
29.0462342 80	- 17.501 400920	0.56	-3.02	-0.77	0.35	0.36	0.62	165000 0	115000 0
28.2959321 60	- 18.325 306230	-0.05	-3.35	-0.75	0.34	0.35	0.59	155000 0	110000 0
28.4576112 60	- 17.842 799250	-0.21	-4.23	0.17	0.15	0.22	0.31	160000 0	110000 0
28.6165927 80	- 17.358 927430	0.49	-3.72	-0.49	0.31	0.33	0.55	165000 0	110000 0
28.7728653 70	- 16.873 699470	0.38	-3.36	-0.88	0.34	0.35	0.59	170000 0	110000 0
28.9264176	-	0.31	-3.12	-1.01	0.36	0.36	0.63	175000	110000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
70	16.387 124760							0	0
29.0772384 00	- 15.899 213420	0.29	-2.65	-1.10	0.40	0.40	0.71	180000 0	110000 0
29.6529813 20	- 13.934 429040	0.47	-2.33	-1.21	0.39	0.40	0.70	200000 0	110000 0
29.7899765 00	- 13.440 011270	0.38	-1.95	-1.03	0.39	0.40	0.73	205000 0	110000 0
27.7038829 70	- 18.660 668170	0.19	-2.62	-1.25	0.37	0.38	0.66	150000 0	105000 0
27.8673201 20	- 18.181 355710	0.05	-3.97	-1.40	0.23	0.27	0.42	155000 0	105000 0
28.0280808 40	- 17.700 704630	-0.12	-3.90	-0.86	0.28	0.30	0.49	160000 0	105000 0
28.1861540 60	- 17.218 722790	0.45	-3.76	-0.85	0.25	0.33	0.53	165000 0	105000 0
28.3415287 00	- 16.735 418760	0.27	-4.10	-1.26	0.16	0.17	0.27	170000 0	105000 0
28.4941937 20	- 16.250 801800	0.32	-4.36	-1.17	0.14	0.13	0.28	175000 0	105000 0
28.6441381 10	- 15.764 881860	0.33	-3.43	-1.29	0.35	0.35	0.60	180000 0	105000 0
28.7913509 20	- 15.277 669590	0.39	-3.03	-1.30	0.39	0.39	0.68	185000 0	105000 0
29.0775382 00	- 14.299 414160	0.64	-3.34	-1.47	0.36	0.36	0.62	195000 0	105000 0
29.2164910 20	- 13.808 395770	0.81	-3.60	-1.51	0.28	0.29	0.49	200000 0	105000 0
29.3526690 00	- 13.316 134630	0.58	-2.92	-1.05	0.27	0.32	0.56	205000 0	105000 0
27.2753603 90	- 18.517 189940	0.23	-2.28	-1.29	0.38	0.39	0.69	150000 0	100000 0
27.4378837 40	- 18.039 678230	0.29	-3.39	-1.44	0.28	0.30	0.49	155000 0	100000 0
27.5977403	-	0.14	-3.38	-1.28	0.32	0.33	0.56	160000	100000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
70	17.560 861290							0	0
27.7549194 90	- 17.080 746890	0.47	-3.33	-1.23	0.32	0.35	0.60	165000 0	100000 0
27.9094103 00	- 16.599 343460	0.62	-3.79	-1.49	0.26	0.26	0.43	170000 0	100000 0
28.0612020 60	- 16.116 660130	0.36	-4.06	-1.55	0.28	0.28	0.47	175000 0	100000 0
28.2102840 40	- 15.632 706670	0.39	-3.88	-1.59	0.24	0.25	0.42	180000 0	100000 0
28.3566455 70	- 15.147 493550	0.51	-3.59	-1.41	0.32	0.33	0.56	185000 0	100000 0
28.5002760 20	- 14.661 031930	0.64	-3.78	-1.32	0.35	0.35	0.59	190000 0	100000 0
28.6411648 20	- 14.173 333630	0.69	-4.15	-1.36	0.27	0.27	0.45	195000 0	100000 0
28.7793014 70	- 13.684 411150	0.95	-4.11	-1.60	0.22	0.23	0.37	200000 0	100000 0
28.9146755 40	- 13.194 277660	0.74	-3.01	-1.12	0.31	0.33	0.57	205000 0	100000 0
27.6274433 40	- 15.984 660950	0.47	-3.33	-1.40	0.31	0.33	0.55	175000 0	950000
27.7756765 90	- 15.502 649200	0.67	-3.97	-1.54	0.20	0.24	0.40	180000 0	950000
27.9212004 10	- 15.019 409690	0.69	-3.74	-1.42	0.32	0.32	0.55	185000 0	950000
28.0640044 50	- 14.534 953370	0.88	-4.20	-1.19	0.26	0.26	0.44	190000 0	950000
28.2040784 30	- 14.049 291830	0.62	-4.27	-1.27	0.17	0.18	0.30	195000 0	950000
28.3414121 00	- 13.562 437360	0.57	-3.37	-1.25	0.32	0.32	0.55	200000 0	950000
27.1929178 86	- 15.854 766500	0.39	-2.37	-1.24	0.39	0.40	0.70	175000 0	900000
27.3403158	-	0.49	-2.72	-1.27	0.37	0.38	0.66	180000	900000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
65	15.374 671836							0	
27.4850153 24	- 14.893 380558	0.58	-2.90	-1.24	0.38	0.38	0.67	185000 0	900000
27.6270061 86	- 14.410 903406	0.65	-3.12	-1.13	0.36	0.36	0.62	190000 0	900000
27.7662784 32	- 13.927 251759	0.56	-3.03	-1.11	0.36	0.36	0.62	195000 0	900000
27.9028221 06	- 13.442 437639	0.43	-2.46	-1.09	0.39	0.39	0.70	200000 0	900000

1. Change Log

Date	Version	Summary
2025-12-03	1.0.0	Initial release