

# European Ground Motion Service (EGMS) - GNSS calibration data

Copernicus Land Monitoring Service



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# Content

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#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
70.792808940	24.328769320	0.38	-0.42	1.53	0.36	0.36	0.63	4850000	5350000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
70.694123780	25.634460550	0.51	-0.28	1.84	0.30	0.30	0.49	4900000	5350000
70.587079110	26.927712790	0.54	-0.09	2.27	0.26	0.26	0.44	4950000	5350000
70.471806050	28.207745270	0.38	-0.02	2.31	0.36	0.36	0.61	5000000	5350000
70.348442580	29.473838620	0.22	-0.03	2.36	0.36	0.36	0.61	5050000	5350000
70.217132750	30.725335900	0.08	-0.07	2.37	0.25	0.25	0.42	5100000	5350000
70.078025920	31.961642960	-0.06	0.03	2.10	0.36	0.36	0.61	5150000	5350000
69.931275990	33.182228280	-0.17	0.14	1.71	0.42	0.42	0.76	5200000	5350000
69.777040650	34.386622290	-0.30	0.20	1.27	0.44	0.44	0.82	5250000	5350000
70.705672960	17.477120410	0.55	-0.73	-0.70	0.43	0.43	0.79	4600000	5300000
70.651778460	18.802309040	0.48	-0.70	0.09	0.42	0.42	0.76	4650000	5300000
70.589200180	20.120338470	0.38	-0.68	0.84	0.39	0.39	0.70	4700000	5300000
70.518018090	21.430225720	0.27	-0.65	1.51	0.34	0.34	0.63	4750000	5300000
70.438321920	22.731029560	0.23	-0.57	2.03	0.29	0.29	0.56	4800000	5300000
70.350210540	24.021854360	0.32	-0.42	2.33	0.34	0.34	0.60	4850000	5300000
70.253791410	25.301853310	0.46	-0.18	2.59	0.34	0.34	0.58	4900000	5300000
70.149179870	26.570231160	0.53	0.03	2.87	0.28	0.28	0.46	4950000	5300000
70.036498540	27.826246410	0.42	0.10	2.88	0.33	0.33	0.55	5000000	5300000
69.915876590	29.069212810	0.28	0.14	2.88	0.38	0.38	0.65	5050000	5300000
69.787449030	30.298500470	0.14	0.16	2.81	0.38	0.38	0.66	5100000	5300000
69.651356090	31.513536390	0.00	0.20	2.55	0.40	0.40	0.71	5150000	5300000
69.507742420	32.713804430	-0.12	0.27	2.15	0.43	0.43	0.78	5200000	5300000
69.356756490	33.898844950	-0.23	0.32	1.67	0.44	0.44	0.82	5250000	5300000
70.254639220	17.316975690	0.64	-0.74	-0.06	0.41	0.41	0.73	4600000	5250000
70.202000830	18.614481320	0.56	-0.71	0.82	0.37	0.38	0.66	4650000	5250000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 30	27.112 174570	0.39	0.42	4.24	0.37	0.36	0.64	500000 0	520000 0
69.0486868	28.311	0.30	0.54	4.26	0.39	0.38	0.68	505000	520000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
30	268660							0	0
68.925673460	29.498308370	0.18	0.55	4.09	0.41	0.40	0.72	510000	520000
68.795248830	30.672762690	0.07	0.55	3.72	0.42	0.42	0.76	515000	520000
68.657541090	31.834147720	-0.04	0.54	3.20	0.43	0.43	0.79	520000	520000
68.512682160	32.982026570	-0.12	0.55	2.59	0.43	0.43	0.81	525000	520000
66.134388660	-23.905591150	4.60	-16.89	-0.05	0.33	0.34	0.57	285000	515000
66.344175400	-22.929735060	4.24	-17.72	1.75	0.32	0.32	0.54	290000	515000
66.548372630	-21.939072180	4.84	-17.40	0.74	0.40	0.40	0.71	295000	515000
66.746845540	-20.933623570	5.06	-17.24	-1.29	0.43	0.43	0.78	300000	515000
69.428931910	14.512570610	0.84	-0.82	-0.62	0.38	0.38	0.68	450000	515000
69.395050370	15.767401640	0.98	-0.71	0.26	0.25	0.24	0.43	455000	515000
69.352938440	17.018105960	0.68	-0.83	1.47	0.28	0.29	0.49	460000	515000
69.302643890	18.263823090	0.40	-0.90	2.62	0.23	0.25	0.43	465000	515000
69.244223230	19.503715790	0.43	-0.77	3.25	0.21	0.24	0.43	470000	515000
69.177741430	20.736973470	0.58	-0.49	3.65	0.29	0.29	0.49	475000	515000
69.103271500	21.962815500	0.60	-0.23	3.98	0.30	0.30	0.49	480000	515000
69.020894130	23.180494020	0.60	0.08	4.20	0.17	0.17	0.28	485000	515000
68.930697230	24.389296530	0.51	0.15	4.62	0.35	0.35	0.59	490000	515000
68.832775430	25.588548040	0.45	0.32	4.89	0.39	0.38	0.67	495000	515000
68.727229670	26.777612880	0.38	0.56	5.06	0.38	0.35	0.66	500000	515000
68.614166590	27.955896160	0.28	0.77	5.12	0.36	0.30	0.62	505000	515000
68.493698110	29.122844840	0.19	0.74	4.91	0.37	0.36	0.64	510000	515000
68.365940840	30.277948430	0.07	0.70	4.45	0.40	0.39	0.70	515000	515000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
68.2898352 30	26.456 836950	0.32	0.53	5.79	0.38	0.37	0.66	500000 0	510000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 90	17.942 986970	0.51	-0.93	4.10	0.31	0.33	0.52	465000 0	505000 0
68.3476405	19.136	0.54	-0.74	4.70	0.36	0.36	0.60	470000	505000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40	090460							0	0
68.2839618 70	20.323 364890	0.58	-0.50	5.20	0.34	0.34	0.57	475000 0	505000 0
68.2126122 50	21.504 117660	0.59	-0.27	5.64	0.32	0.31	0.53	480000 0	505000 0
68.1336626 00	22.677 682780	0.54	-0.07	5.97	0.34	0.33	0.57	485000 0	505000 0
68.0471902 80	23.843 423030	0.45	0.10	6.23	0.33	0.32	0.55	490000 0	505000 0
67.9532787 10	25.000 731840	0.33	0.27	6.37	0.36	0.34	0.60	495000 0	505000 0
67.8520170 30	26.149 034860	0.24	0.46	6.43	0.35	0.34	0.58	500000 0	505000 0
67.7434996 10	27.287 791300	0.17	0.62	6.41	0.34	0.34	0.57	505000 0	505000 0
67.6278256 50	28.416 494940	0.08	0.74	6.22	0.34	0.33	0.56	510000 0	505000 0
67.5050987 70	29.534 674880	-0.03	0.74	5.68	0.37	0.36	0.64	515000 0	505000 0
67.3754265 20	30.641 896020	-0.12	0.74	4.91	0.41	0.41	0.74	520000 0	505000 0
67.2389199 80	31.737 759280	-0.23	0.76	4.09	0.43	0.43	0.80	525000 0	505000 0
67.0956933 20	32.821 901580	-0.33	0.75	3.26	0.43	0.43	0.82	530000 0	505000 0
64.5446368 40	- 24.146 399990	4.10	-16.96	-4.36	0.34	0.37	0.61	275000 0	500000 0
64.7548264 00	- 23.225 251200	4.46	-17.33	-2.46	0.31	0.35	0.55	280000 0	500000 0
64.9597737 10	- 22.291 140050	4.93	-18.05	0.10	0.31	0.34	0.54	285000 0	500000 0
65.1593615 00	- 21.344 080670	5.40	-18.11	2.85	0.31	0.35	0.54	290000 0	500000 0
65.3534716 90	- 20.384 109760	6.22	-18.36	4.74	0.36	0.37	0.62	295000 0	500000 0
65.5419856 40	- 19.411 287920	7.40	-17.98	4.09	0.36	0.37	0.62	300000 0	500000 0
65.7247843 90	- 18.425 700930	8.54	-17.45	0.32	0.23	0.27	0.41	305000 0	500000 0
65.9017489 40	- 17.427 461050	7.35	-15.28	0.52	0.30	0.31	0.51	310000 0	500000 0





#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
66.6719996	32.422	-0.41	0.80	3.62	0.44	0.44	0.82	530000	500000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
10	573760							0	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
67.5048470	17.648	0.66	-0.90	5.12	0.29	0.29	0.48	465000	495000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
50	356750							0	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
64.9075485 40	- 17.516	16.69	-21.14	17.16	0.27	0.31	0.50	305000	490000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	480240							0	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
66.0864844 40	29.580 925560	-0.37	0.95	5.80	0.32	0.31	0.54	520000 0	490000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
66.5548696 80	18.487 019730	0.57	-0.76	6.77	0.29	0.29	0.47	470000 0	485000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 082000	0.30	5.08	7.64	0.29	0.29	0.49	315000 0	480000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
63.3298837 70	- 18.113	-2.73	1.34	13.13	0.39	0.40	0.69	295000 0	475000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	748220								
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
65.0176868 80	26.598 917920	-0.44	0.81	7.45	0.32	0.31	0.53	510000 0	475000 0
64.9079683	27.619	-0.56	0.83	6.89	0.38	0.36	0.65	515000	475000





#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
10	115180							0	0
64.791912000	28.631423140	-0.68	0.87	6.29	0.36	0.32	0.63	520000	475000
64.669598280	29.635517570	-0.75	0.89	5.55	0.35	0.34	0.60	525000	475000
64.541110190	30.631096180	-0.79	0.88	4.71	0.36	0.36	0.62	530000	475000
64.406533210	31.617878810	-0.81	0.83	3.79	0.41	0.41	0.73	535000	475000
64.265955000	32.595607400	-0.84	0.75	2.84	0.43	0.43	0.80	540000	475000
64.119465110	33.564045920	-0.87	0.69	1.87	0.44	0.44	0.84	545000	475000
63.257830130	-15.870362800	-4.81	5.02	19.40	0.42	0.42	0.76	305000	470000
63.418022670	-14.940263360	-3.23	4.11	14.13	0.42	0.42	0.76	310000	470000
63.572626180	-14.000768720	-1.27	2.87	8.34	0.42	0.42	0.77	315000	470000
65.408404660	9.551144124	0.77	-1.42	0.77	0.41	0.41	0.74	430000	470000
65.407850470	10.619840490	0.78	-1.44	1.80	0.37	0.37	0.65	435000	470000
65.400370080	11.688233120	0.73	-1.44	3.01	0.31	0.31	0.52	440000	470000
65.385969360	12.755799330	0.55	-1.42	4.28	0.30	0.29	0.50	445000	470000
65.364659610	13.822019210	0.45	-1.32	5.33	0.29	0.28	0.50	450000	470000
65.336457500	14.886377300	0.55	-1.17	6.05	0.32	0.32	0.53	455000	470000
65.301384990	15.948364330	0.53	-1.04	6.76	0.25	0.25	0.40	460000	470000
65.259469270	17.007478830	0.48	-0.83	7.42	0.31	0.31	0.52	465000	470000
65.210742610	18.063228670	0.49	-0.54	8.09	0.30	0.30	0.50	470000	470000
65.155242240	19.115132620	0.44	-0.33	8.59	0.25	0.25	0.40	475000	470000
65.093010220	20.162721690	0.25	-0.31	8.78	0.32	0.32	0.53	480000	470000
65.024093250	21.205540520	0.01	-0.27	8.87	0.22	0.21	0.35	485000	470000
64.948542480	22.243148530	-0.09	-0.18	8.86	0.33	0.33	0.56	490000	470000
64.8664133	23.275	-0.17	0.11	8.74	0.39	0.39	0.67	495000	470000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
50	121050							0	0
64.7777653 20	24.301 050300	-0.27	0.43	8.43	0.39	0.39	0.68	500000	470000
64.6826617 30	25.320 546270	-0.37	0.68	7.92	0.36	0.36	0.61	505000	470000
64.5811694 80	26.333 237480	-0.49	0.79	7.37	0.36	0.35	0.62	510000	470000
64.4733588 60	27.338 771580	-0.63	0.80	6.77	0.37	0.33	0.64	515000	470000
64.3593032 90	28.336 815840	-0.73	0.82	6.18	0.36	0.34	0.63	520000	470000
64.2390790 70	29.327 057610	-0.81	0.86	5.53	0.30	0.29	0.50	525000	470000
64.1127651 20	30.309 204510	-0.82	0.85	4.78	0.27	0.27	0.46	530000	470000
63.9804427 60	31.282 984620	-0.81	0.79	3.90	0.39	0.39	0.69	535000	470000
63.8421954 30	32.248 146540	-0.82	0.72	2.94	0.42	0.42	0.78	540000	470000
63.6981084 80	33.204 459310	-0.87	0.65	1.93	0.44	0.43	0.83	545000	470000
63.5482689 00	34.151 712290	-0.91	0.58	0.95	0.44	0.44	0.85	550000	470000
64.9568673 70	9.5585 15245	0.72	-1.39	1.11	0.39	0.39	0.69	430000	465000
64.9563233 20	10.609 661770	0.74	-1.38	2.07	0.32	0.32	0.57	435000	465000
64.9489797 40	11.660 521200	0.71	-1.35	3.27	0.29	0.29	0.52	440000	465000
64.9348421 70	12.710 599460	0.56	-1.37	4.55	0.31	0.31	0.53	445000	465000
64.9139212 90	13.759 405010	0.54	-1.30	5.49	0.22	0.21	0.36	450000	465000
64.8862328 20	14.806 450360	0.61	-1.11	6.23	0.29	0.29	0.48	455000	465000
64.8517975 10	15.851 253660	0.56	-0.97	6.84	0.26	0.26	0.43	460000	465000
64.8106410 30	16.893 340160	0.40	-0.83	7.49	0.26	0.26	0.42	465000	465000
64.7627938 60	17.932 243670	0.45	-0.61	8.31	0.31	0.31	0.51	470000	465000
64.7082912 10	18.967 507920	0.43	-0.47	8.87	0.25	0.25	0.42	475000	465000
64.6471728 20	19.998 687850	0.20	-0.36	9.09	0.33	0.33	0.55	480000	465000
64.5794828 70	21.025 350840	-0.04	-0.41	9.13	0.27	0.27	0.44	485000	465000
64.5052697	22.047	-0.19	-0.34	8.94	0.30	0.30	0.51	490000	465000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
50	077790							0	0
64.424585940	23.063464210	-0.26	0.08	8.69	0.39	0.38	0.67	4950000	4650000
64.337487790	24.074121090	-0.34	0.42	8.29	0.40	0.40	0.70	5000000	4650000
64.244035290	25.078675730	-0.40	0.69	7.75	0.38	0.37	0.67	5050000	4650000
64.144291920	26.076772450	-0.50	0.83	7.13	0.37	0.35	0.66	5100000	4650000
64.038324370	27.068073210	-0.67	0.81	6.54	0.37	0.34	0.66	5150000	4650000
63.926202360	28.052258060	-0.76	0.80	5.97	0.37	0.35	0.66	5200000	4650000
63.807998390	29.029025550	-0.79	0.82	5.37	0.35	0.32	0.61	5250000	4650000
63.683787540	29.998093030	-0.79	0.79	4.72	0.36	0.34	0.61	5300000	4650000
63.553647180	30.959196780	-0.76	0.72	3.98	0.38	0.36	0.68	5350000	4650000
63.417656820	31.912092100	-0.78	0.66	3.01	0.41	0.39	0.74	5400000	4650000
63.275897810	32.856553340	-0.85	0.61	1.93	0.43	0.42	0.81	5450000	4650000
63.128453160	33.792373720	-0.90	0.55	0.92	0.44	0.44	0.84	5500000	4650000
64.499364510	8.531581552	0.66	-1.29	0.61	0.39	0.39	0.69	4250000	4600000
64.505508150	9.565618725	0.61	-1.36	1.47	0.35	0.35	0.60	4300000	4600000
64.504973870	10.599852610	0.55	-1.41	2.45	0.25	0.25	0.43	4350000	4600000
64.497762050	11.633814870	0.49	-1.35	3.81	0.30	0.30	0.50	4400000	4600000
64.483877930	12.667038010	0.44	-1.29	5.01	0.35	0.35	0.58	4450000	4600000
64.463331590	13.699056830	0.44	-1.21	5.89	0.35	0.35	0.59	4500000	4600000
64.436137910	14.729409860	0.47	-1.08	6.64	0.36	0.36	0.61	4550000	4600000
64.402316480	15.757640760	0.41	-0.93	7.26	0.34	0.34	0.57	4600000	4600000
64.361891580	16.783299690	0.32	-0.78	7.86	0.33	0.33	0.55	4650000	4600000
64.314892040	17.805944630	0.32	-0.60	8.53	0.35	0.35	0.58	4700000	4600000
64.261351140	18.825142620	0.23	-0.44	9.02	0.33	0.33	0.55	4750000	4600000
64.2013065	19.840	0.06	-0.32	9.24	0.33	0.33	0.55	4800000	4600000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
00	470970							0	0
64.134799930	20.851518370	-0.10	-0.26	9.22	0.26	0.26	0.43	4850000	4600000
64.061877280	21.857885930	-0.26	-0.15	8.94	0.33	0.33	0.56	4900000	4600000
63.982588260	22.859188130	-0.37	0.15	8.56	0.38	0.37	0.66	4950000	4600000
63.896986280	23.855053700	-0.43	0.44	8.08	0.39	0.38	0.69	5000000	4600000
63.805128250	24.845126330	-0.46	0.71	7.45	0.36	0.34	0.65	5050000	4600000
63.707074410	25.829065410	-0.54	0.87	6.73	0.34	0.30	0.61	5100000	4600000
63.602888100	26.806546570	-0.71	0.81	6.10	0.38	0.35	0.66	5150000	4600000
63.492635570	27.777262140	-0.80	0.80	5.62	0.38	0.36	0.67	5200000	4600000
63.376385770	28.740921550	-0.80	0.80	5.07	0.37	0.32	0.65	5250000	4600000
63.254210120	29.697251620	-0.78	0.75	4.48	0.37	0.34	0.65	5300000	4600000
63.126182340	30.645996740	-0.72	0.66	3.86	0.36	0.31	0.64	5350000	4600000
62.992378170	31.586918960	-0.75	0.61	2.93	0.38	0.34	0.69	5400000	4600000
62.852875220	32.519798040	-0.84	0.58	1.82	0.42	0.41	0.78	5450000	4600000
62.707752740	33.444431350	-0.89	0.52	0.82	0.44	0.44	0.83	5500000	4600000
64.035692390	7.537621325	0.60	-1.20	0.37	0.36	0.36	0.65	4200000	4550000
64.048283970	8.554730408	0.66	-1.17	0.96	0.28	0.29	0.53	4250000	4550000
64.054319430	9.572468764	0.47	-1.33	2.01	0.28	0.28	0.49	4300000	4550000
64.053794560	10.590393420	0.37	-1.40	3.19	0.27	0.27	0.45	4350000	4550000
64.046709710	11.608060820	0.26	-1.30	4.59	0.27	0.28	0.46	4400000	4550000
64.033069850	12.625028220	0.26	-1.18	5.56	0.36	0.36	0.60	4450000	4550000
64.012884510	13.640854940	0.29	-1.13	6.39	0.38	0.38	0.64	4500000	4550000
63.986167750	14.655103730	0.32	-1.05	7.16	0.36	0.36	0.62	4550000	4550000
63.952938120	15.667342010	0.30	-0.90	7.77	0.37	0.37	0.63	4600000	4550000
63.9132185	16.677	0.23	-0.71	8.28	0.39	0.38	0.66	4650000	4550000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
90	143170							0	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
63.5849884 20	7.5756 53542	0.38	-1.24	1.04	0.26	0.27	0.51	420000 0	450000 0
63.5973625	8.5770	0.44	-1.22	1.73	0.26	0.27	0.48	425000	450000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
20	67797							0	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
62.1397427 80	30.967 266130	-0.88	0.61	2.10	0.37	0.37	0.64	540000 0	450000 0
62.0045480	31.877	-0.87	0.55	1.27	0.42	0.42	0.76	545000	450000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
20	768290							0	0
61.863863110	32.780749420	-0.89	0.48	0.43	0.44	0.44	0.82	550000	450000
61.981181100	-8.704918319	0.01	-0.01	-0.77	0.45	0.45	0.88	335000	445000
62.096722660	-7.783818110	0.01	-0.01	-0.75	0.45	0.45	0.88	340000	445000
62.206560980	-6.856410874	0.01	-0.01	-0.73	0.45	0.45	0.88	345000	445000
62.310634640	-5.922945078	0.01	-0.01	-0.71	0.45	0.45	0.88	350000	445000
63.091134480	5.643140223	0.50	-1.09	0.04	0.38	0.38	0.68	410000	445000
63.115938490	6.627079644	0.35	-1.18	0.77	0.31	0.31	0.57	415000	445000
63.134428600	7.612376043	0.20	-1.25	1.54	0.27	0.27	0.50	420000	445000
63.146592860	8.598635263	0.21	-1.26	2.43	0.25	0.26	0.48	425000	445000
63.152423350	9.585460457	0.31	-1.33	3.40	0.29	0.29	0.51	430000	445000
63.151916310	10.572453200	0.30	-1.31	4.38	0.28	0.27	0.46	435000	445000
63.145072050	11.559214580	0.11	-0.98	5.33	0.29	0.28	0.47	440000	445000
63.131895020	12.545346360	-0.02	-0.86	6.14	0.29	0.29	0.49	445000	445000
63.112393770	13.530452050	-0.03	-1.04	6.84	0.28	0.28	0.46	450000	445000
63.086580920	14.514138010	0.01	-1.03	7.58	0.28	0.28	0.46	455000	445000
63.054473120	15.496014570	0.05	-0.86	8.15	0.35	0.35	0.59	460000	445000
63.016090970	16.475697050	0.02	-0.63	8.51	0.38	0.38	0.64	465000	445000
62.971458990	17.452806790	-0.02	-0.35	8.67	0.30	0.30	0.50	470000	445000
62.920605500	18.426972120	-0.14	-0.10	8.79	0.28	0.27	0.47	475000	445000
62.863562530	19.397829330	-0.34	0.02	8.80	0.36	0.36	0.62	480000	445000
62.800365730	20.365023510	-0.50	0.12	8.53	0.37	0.37	0.63	485000	445000
62.731054220	21.328209390	-0.61	0.26	8.13	0.31	0.31	0.52	490000	445000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
62.7012024 10	10.563 939330	0.21	-1.21	4.54	0.35	0.36	0.60	435000 0	440000 0
62.6944722	11.536	0.13	-1.08	5.38	0.35	0.35	0.59	440000	440000





#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
00	033090							0	0
62.681514610	12.507528950	0.07	-1.02	6.11	0.34	0.34	0.56	4450000	4400000
62.662337740	13.478050360	0.03	-1.04	6.79	0.28	0.28	0.46	4500000	4400000
62.636953550	14.447223370	-0.02	-0.98	7.48	0.32	0.32	0.53	4550000	4400000
62.605377830	15.414677660	-0.06	-0.82	8.02	0.37	0.37	0.62	4600000	4400000
62.567630130	16.380047500	-0.09	-0.63	8.42	0.37	0.37	0.63	4650000	4400000
62.523733720	17.342972700	-0.15	-0.44	8.64	0.30	0.30	0.50	4700000	4400000
62.473715470	18.303099520	-0.26	-0.22	8.67	0.31	0.31	0.52	4750000	4400000
62.417605800	19.260081500	-0.42	-0.03	8.50	0.38	0.38	0.66	4800000	4400000
62.355438560	20.213580330	-0.57	0.13	8.15	0.39	0.38	0.67	4850000	4400000
62.287250910	21.163266560	-0.71	0.25	7.64	0.32	0.30	0.58	4900000	4400000
62.213083240	22.108820350	-0.77	0.46	7.20	0.35	0.34	0.61	4950000	4400000
62.132979000	23.049932120	-0.82	0.68	6.71	0.35	0.34	0.62	5000000	4400000
62.046984610	23.986303120	-0.88	0.79	6.24	0.32	0.31	0.56	5050000	4400000
61.955149250	24.917646010	-0.90	0.75	5.67	0.33	0.32	0.58	5100000	4400000
61.857524810	25.843685260	-0.89	0.74	5.01	0.35	0.34	0.60	5150000	4400000
61.754165650	26.764157630	-0.85	0.76	4.41	0.29	0.29	0.49	5200000	4400000
61.645128500	27.678812470	-0.87	0.70	3.79	0.30	0.30	0.51	5250000	4400000
61.530472260	28.587412000	-0.93	0.59	3.10	0.34	0.31	0.60	5300000	4400000
61.410257890	29.489731520	-0.94	0.54	2.35	0.36	0.34	0.64	5350000	4400000
61.284548220	30.385559590	-0.92	0.55	1.53	0.39	0.39	0.69	5400000	4400000
61.153407790	31.274698090	-0.88	0.51	0.78	0.42	0.42	0.75	5450000	4400000
61.228777180	-7.289715813	0.03	-0.02	-0.75	0.45	0.45	0.88	3400000	4350000
61.335256550	-6.385606820	0.04	-0.02	-0.73	0.45	0.45	0.87	3450000	4350000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 80	25.621 883840	-0.88	0.65	4.53	0.35	0.34	0.60	515000 0	435000 0
61.3185955 20	26.530 640990	-0.86	0.69	3.97	0.33	0.32	0.55	520000 0	435000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 50	22.685 466230	-0.88	0.59	5.75	0.35	0.35	0.60	500000 0	430000 0
61.1665697 20	23.597 289440	-0.91	0.64	5.20	0.34	0.33	0.58	505000 0	430000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 90	14.259 392460	-0.07	-0.81	7.08	0.23	0.24	0.39	455000 0	425000 0
61.2585852 80	15.186 329970	-0.21	-0.65	7.40	0.35	0.35	0.58	460000 0	425000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
61.2226169 60	16.111 471670	-0.33	-0.49	7.57	0.38	0.38	0.64	465000 0	425000 0
61.1807840 80	17.034 506200	-0.42	-0.33	7.61	0.37	0.37	0.63	470000 0	425000 0
61.1331097 20	17.955 127240	-0.52	-0.18	7.48	0.37	0.38	0.65	475000 0	425000 0
61.0203441 40	19.787 932960	-0.73	0.18	6.90	0.39	0.39	0.67	485000 0	425000 0
60.9553140 50	20.699 536250	-0.82	0.35	6.38	0.35	0.35	0.58	490000 0	425000 0
60.8845645 60	21.607 564520	-0.88	0.48	5.80	0.31	0.31	0.51	495000 0	425000 0
60.8081332 00	22.511 746270	-0.89	0.57	5.25	0.32	0.32	0.54	500000 0	425000 0
60.7260600 40	23.411 818650	-0.90	0.59	4.61	0.30	0.28	0.53	505000 0	425000 0
60.6383876 80	24.307 527830	-0.94	0.58	4.06	0.32	0.31	0.56	510000 0	425000 0
60.5451610 40	25.198 629460	-0.97	0.55	3.50	0.32	0.31	0.57	515000 0	425000 0
60.4464273 10	26.084 889010	-1.01	0.59	3.00	0.31	0.29	0.57	520000 0	425000 0
60.3422357 80	26.966 082040	-0.95	0.59	2.56	0.31	0.30	0.53	525000 0	425000 0
60.2326377 40	27.841 994510	-0.89	0.55	2.05	0.32	0.32	0.53	530000 0	425000 0
60.1176863 40	28.712 422940	-0.81	0.48	1.48	0.35	0.35	0.59	535000 0	425000 0
59.9974364 50	29.577 174630	-0.75	0.46	1.08	0.33	0.33	0.54	540000 0	425000 0
60.2986666 40	- 3.0901 03745	0.18	-0.06	-0.57	0.42	0.42	0.77	360000 0	420000 0
60.3786254 30	- 2.2008 07344	0.20	-0.04	-0.51	0.39	0.39	0.68	365000 0	420000 0
60.4530144 40	- 1.3076 27421	0.21	-0.02	-0.47	0.33	0.33	0.56	370000 0	420000 0
60.5217958 30	- 0.4108 17382	0.15	-0.01	-0.43	0.38	0.38	0.68	375000 0	420000 0
60.7804440 70	4.1182 88326	0.15	-0.93	0.58	0.38	0.38	0.67	400000 0	420000 0
60.8149314 20	5.0311 49002	0.00	-0.95	1.14	0.27	0.25	0.47	405000 0	420000 0
60.8436212 60	5.9456 73077	-0.04	-0.94	1.77	0.31	0.29	0.53	410000 0	420000 0
60.8664981	6.8615	-0.04	-0.90	2.31	0.34	0.33	0.57	415000	420000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
10	58946							0	0
60.8835495 90	7.7785 01789	-0.09	-0.97	2.84	0.33	0.32	0.56	420000 0	420000 0
60.8947664 50	8.6961 94286	-0.17	-1.08	3.45	0.24	0.21	0.42	425000 0	420000 0
60.9001425 70	9.6143 27335	-0.17	-1.08	4.14	0.31	0.30	0.53	430000 0	420000 0
60.8996750 50	10.532 590780	-0.14	-1.05	4.83	0.26	0.25	0.48	435000 0	420000 0
60.8933641 30	11.450 674170	-0.18	-1.00	5.43	0.28	0.28	0.49	440000 0	420000 0
60.8812132 40	12.368 267450	-0.26	-0.93	5.97	0.31	0.31	0.52	445000 0	420000 0
60.8632289 90	13.285 061780	-0.28	-0.82	6.47	0.33	0.33	0.56	450000 0	420000 0
60.8394211 50	14.200 750170	-0.27	-0.70	6.84	0.30	0.30	0.49	455000 0	420000 0
60.8098025 90	15.115 028270	-0.31	-0.57	7.06	0.24	0.24	0.40	460000 0	420000 0
60.7743892 70	16.027 595070	-0.41	-0.42	7.06	0.35	0.35	0.59	465000 0	420000 0
60.7332002 00	16.938 153530	-0.49	-0.27	6.96	0.24	0.24	0.43	470000 0	420000 0
60.6862573 40	17.846 411310	-0.56	-0.18	6.90	0.27	0.27	0.51	475000 0	420000 0
60.6335855 90	18.752 081360	-0.66	-0.01	6.73	0.35	0.36	0.63	480000 0	420000 0
60.5752126 90	19.654 882560	-0.76	0.18	6.47	0.34	0.34	0.58	485000 0	420000 0
60.5111691 30	20.554 540250	-0.84	0.35	6.00	0.33	0.33	0.55	490000 0	420000 0
60.4414880 80	21.450 786830	-0.89	0.47	5.42	0.33	0.33	0.57	495000 0	420000 0
60.3662052 90	22.343 362210	-0.89	0.58	4.84	0.21	0.20	0.37	500000 0	420000 0
60.2853590 20	23.232 014280	-0.87	0.59	4.08	0.30	0.30	0.52	505000 0	420000 0
60.1989898 60	24.116 499360	-0.92	0.57	3.50	0.25	0.25	0.45	510000 0	420000 0
60.1071407 30	24.996 582550	-0.98	0.53	3.07	0.24	0.24	0.47	515000 0	420000 0
60.0098566 70	25.872 038080	-0.87	0.52	2.72	0.32	0.32	0.57	520000 0	420000 0
59.9071847 70	26.742 649600	-0.80	0.50	2.28	0.33	0.33	0.56	525000 0	420000 0
59.7991740 50	27.608 210420	-0.76	0.43	1.74	0.32	0.32	0.53	530000 0	420000 0
59.6858753	28.468	-0.75	0.34	1.21	0.31	0.31	0.53	535000	420000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
50	523750							0	0
59.5673411 60	29.323 402820	-0.70	0.33	0.85	0.35	0.35	0.59	540000	420000
59.4883282 30	- 6.3884 60991	0.22	-0.12	-0.87	0.43	0.43	0.80	340000	415000
59.5886770 10	- 5.5274 05493	0.22	-0.13	-0.79	0.43	0.43	0.80	345000	415000
59.7733493 00	- 3.7917 01237	0.25	-0.13	-0.59	0.42	0.42	0.76	355000	415000
59.8575853 90	- 2.9174 81246	0.26	-0.10	-0.51	0.40	0.41	0.72	360000	415000
59.9363665 90	- 2.0393 16134	0.27	-0.07	-0.46	0.36	0.36	0.62	365000	415000
60.0096544 80	- 1.1574 41225	0.29	-0.03	-0.42	0.23	0.23	0.38	370000	415000
60.0774129 40	- 0.2720 99601	0.19	-0.02	-0.40	0.37	0.37	0.64	375000	415000
60.3321726 00	4.1976 12195	0.15	-0.96	0.78	0.37	0.37	0.65	400000	415000
60.3661364 00	5.0982 70277	0.13	-1.07	1.61	0.22	0.22	0.37	405000	415000
60.3943897 80	6.0005 14582	0.00	-0.98	1.92	0.32	0.31	0.52	410000	415000
60.4169180 10	6.9040 57344	-0.08	-0.82	2.30	0.28	0.28	0.46	415000	415000
60.4337092 90	7.8086 07828	-0.15	-0.97	2.79	0.26	0.26	0.43	420000	415000
60.4447548 20	8.7138 72984	-0.20	-1.28	3.41	0.24	0.23	0.41	425000	415000
60.4500487 90	9.6195 58114	-0.16	-1.14	4.07	0.32	0.31	0.53	430000	415000
60.4495884 10	10.525 367550	-0.15	-1.05	4.66	0.28	0.28	0.49	435000	415000
60.4433739 30	11.431 005340	-0.35	-0.94	5.22	0.28	0.27	0.49	440000	415000
60.4314086 10	12.336 175910	-0.64	-0.77	5.88	0.25	0.25	0.44	445000	415000
60.4136987 40	13.240 584800	-0.64	-0.65	6.28	0.30	0.30	0.51	450000	415000
60.3902536 20	14.143 939280	-0.50	-0.61	6.48	0.34	0.34	0.58	455000	415000
60.3610855 10	15.045 949040	-0.46	-0.50	6.56	0.34	0.34	0.56	460000	415000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
60.326209600	15.946326850	-0.50	-0.38	6.49	0.36	0.36	0.62	4650000	4150000
60.285644000	16.844789200	-0.58	-0.27	6.35	0.32	0.32	0.54	4700000	4150000
60.239409620	17.741056880	-0.65	-0.15	6.21	0.29	0.29	0.51	4750000	4150000
60.187530200	18.634855600	-0.71	0.01	6.06	0.34	0.34	0.59	4800000	4150000
60.130032160	19.525916570	-0.78	0.19	5.88	0.29	0.29	0.49	4850000	4150000
60.066944580	20.413976990	-0.84	0.41	5.40	0.19	0.19	0.35	4900000	4150000
59.998299080	21.298780580	-0.89	0.43	4.88	0.32	0.32	0.58	4950000	4150000
59.924129780	22.180078060	-0.87	0.47	4.20	0.35	0.34	0.60	5000000	4150000
59.844473160	23.057627560	-0.83	0.49	3.49	0.33	0.32	0.57	5050000	4150000
59.759368000	23.931195030	-0.86	0.40	2.97	0.30	0.30	0.52	5100000	4150000
59.668855260	24.800554600	-0.84	0.31	2.68	0.28	0.27	0.46	5150000	4150000
59.572977980	25.665488900	-0.72	0.41	2.50	0.26	0.26	0.44	5200000	4150000
59.471781180	26.525789330	-0.65	0.46	2.03	0.26	0.25	0.43	5250000	4150000
59.365311740	27.381256320	-0.66	0.38	1.50	0.17	0.17	0.30	5300000	4150000
59.253618280	28.231699520	-0.74	0.24	0.91	0.24	0.24	0.41	5350000	4150000
59.136751070	29.076937970	-0.68	0.22	0.46	0.37	0.37	0.63	5400000	4150000
59.014761880	29.916800220	-0.64	0.19	-0.01	0.40	0.40	0.70	5450000	4150000
59.052351160	-6.179491831	0.34	-0.20	-0.95	0.40	0.40	0.73	3400000	4100000
59.151278100	-5.328518218	0.33	-0.20	-0.81	0.41	0.41	0.74	3450000	4100000
59.244945220	-4.473140975	0.34	-0.21	-0.66	0.40	0.40	0.72	3500000	4100000
59.333309760	-3.613562574	0.37	-0.21	-0.52	0.37	0.38	0.66	3550000	4100000
59.416330890	-2.749993635	0.37	-0.17	-0.43	0.36	0.37	0.63	3600000	4100000





#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
59.4939698 10	- 1.8826 52651	0.31	-0.10	-0.41	0.38	0.38	0.66	365000 0	410000 0
59.5661898 30	- 1.0117 65678	0.24	-0.06	-0.40	0.38	0.38	0.67	370000 0	410000 0
59.6329564 60	- 0.1375 65986	0.17	-0.03	-0.38	0.41	0.41	0.73	375000 0	410000 0
59.8839475 60	4.2745 04175	0.11	-0.91	0.76	0.38	0.38	0.67	400000 0	410000 0
59.9174041 80	5.1633 29277	0.02	-0.97	1.43	0.32	0.32	0.55	405000 0	410000 0
59.9452347 90	6.0536 68041	-0.10	-0.94	1.85	0.32	0.32	0.54	410000 0	410000 0
59.9674253 60	6.9452 45727	-0.19	-0.98	2.21	0.27	0.27	0.44	415000 0	410000 0
59.9839646 40	7.8377 84845	-0.25	-1.04	2.68	0.30	0.30	0.50	420000 0	410000 0
59.9948442 50	8.7310 05759	-0.26	-1.11	3.29	0.32	0.32	0.53	425000 0	410000 0
60.0000586 50	9.6246 27310	-0.24	-1.09	3.90	0.29	0.29	0.49	430000 0	410000 0
59.9996052 00	10.518 367440	-0.24	-1.06	4.45	0.24	0.24	0.41	435000 0	410000 0
59.9934841 10	11.411 943830	-0.43	-0.96	4.94	0.28	0.27	0.49	440000 0	410000 0
59.9816985 00	12.305 074520	-0.67	-0.78	5.54	0.32	0.32	0.53	445000 0	410000 0
59.9642543 80	13.197 478550	-0.71	-0.66	5.89	0.32	0.32	0.54	450000 0	410000 0
59.9411605 80	14.088 876590	-0.61	-0.59	6.03	0.36	0.36	0.61	455000 0	410000 0
59.9124287 80	14.978 991550	-0.58	-0.46	6.02	0.39	0.39	0.66	460000 0	410000 0
59.8780734 90	15.867 549190	-0.60	-0.34	5.92	0.39	0.39	0.67	465000 0	410000 0
59.8381119 30	16.754 278690	-0.67	-0.22	5.75	0.35	0.35	0.59	470000 0	410000 0
59.7925640 60	17.638 913250	-0.74	-0.11	5.51	0.20	0.20	0.35	475000 0	410000 0
59.7414524 90	18.521 190620	-0.73	0.04	5.30	0.33	0.33	0.57	480000 0	410000 0
59.6848024 30	19.400 853650	-0.78	0.17	5.07	0.36	0.36	0.62	485000 0	410000 0
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 21403	0.49	-0.23	-0.32	0.26	0.29	0.47	360000 0	405000 0
59.0514383 80	- 1.7306 09122	0.32	-0.13	-0.35	0.39	0.39	0.68	365000 0	405000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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	0.31	-0.18	-1.03	0.26	0.29	0.47	325000 0	390000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	79388								
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
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





#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 81339	0.24	-0.18	0.39	0.29	0.29	0.48	340000 0	385000 0
56.9602311 60	- 4.4156 63156	0.30	-0.15	0.69	0.27	0.29	0.46	345000 0	385000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 40	19.653 473740	-0.71	-0.13	1.75	0.39	0.40	0.69	490000 0	385000 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	21.295	-0.74	-0.12	1.46	0.34	0.34	0.58	500000	385000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
50	858200							0	0
57.195549870	22.112820200	-0.73	-0.01	1.05	0.28	0.28	0.47	5050000	3850000
57.117291530	22.926713630	-0.69	0.05	0.51	0.25	0.25	0.42	5100000	3850000
57.034023550	23.737358850	-0.56	-0.07	0.21	0.22	0.22	0.37	5150000	3850000
56.945779020	24.544581870	-0.43	-0.01	0.24	0.22	0.22	0.37	5200000	3850000
56.852592630	25.348214540	-0.54	-0.01	0.33	0.28	0.27	0.46	5250000	3850000
56.754500570	26.148094780	-0.64	-0.09	0.50	0.24	0.24	0.40	5300000	3850000
56.651540500	26.944066700	-0.62	-0.11	0.22	0.27	0.27	0.46	5350000	3850000
56.543751460	27.735980780	-0.54	-0.12	-0.18	0.29	0.29	0.50	5400000	3850000
56.431173760	28.523693990	-0.44	-0.16	-0.69	0.38	0.38	0.65	5450000	3850000
56.313848920	29.307069850	-0.38	-0.21	-1.10	0.41	0.41	0.72	5500000	3850000
56.127484170	-7.408017447	0.10	-0.03	-1.05	0.36	0.38	0.64	3250000	3800000
56.233137730	-6.623659848	0.04	0.02	-1.04	0.31	0.35	0.56	3300000	3800000
56.334009630	-5.835425973	0.12	0.00	-0.47	0.31	0.33	0.53	3350000	3800000
56.430062610	-5.043461625	0.18	-0.06	0.18	0.31	0.32	0.52	3400000	3800000
56.521260760	-4.247918560	0.20	-0.13	0.63	0.21	0.25	0.40	3450000	3800000
56.607569560	-3.448954338	0.29	-0.08	0.55	0.29	0.31	0.50	3500000	3800000
56.688956010	-2.646732165	0.30	0.00	0.24	0.29	0.32	0.53	3550000	3800000
56.765388620	-1.841420698	0.21	-0.03	-0.16	0.35	0.36	0.64	3600000	3800000
57.287116920	7.995510666	-0.36	-0.67	0.44	0.38	0.38	0.64	4200000	3800000
57.297101770	8.823616165	-0.37	-0.69	0.67	0.36	0.36	0.61	4250000	3800000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
55.2586908 60	- 7.0206 03710	0.41	-0.25	-0.23	0.31	0.31	0.52	325000 0	370000 0
55.3617193	-	0.26	-0.14	-0.30	0.34	0.35	0.58	330000	370000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
30	6.2521 25673							0	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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 00	- 3.7709 83142	0.11	0.01	0.39	0.29	0.30	0.49	345000 0	365000 0
55.2859868 60	- 2.9972	0.11	0.03	0.20	0.22	0.24	0.39	350000 0	365000 0





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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 05327	0.08	0.00	-0.61	0.31	0.31	0.51	360000 0	360000 0
55.0628784 60	- 0.5410 39553	0.06	0.01	-0.70	0.39	0.39	0.68	365000 0	360000 0

#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
55.475854670	7.296465343	-0.19	-0.37	-1.25	0.38	0.38	0.67	4150000	3600000
55.490253150	8.086543763	-0.23	-0.43	-1.05	0.29	0.29	0.53	4200000	3600000
55.499723490	8.877062584	-0.24	-0.48	-0.80	0.27	0.27	0.47	4250000	3600000
55.504262160	9.667840104	-0.21	-0.49	-0.43	0.25	0.25	0.41	4300000	3600000
55.503867470	10.458694180	-0.26	-0.42	-0.06	0.34	0.34	0.57	4350000	3600000
55.498539570	11.249442540	-0.30	-0.35	-0.11	0.34	0.34	0.57	4400000	3600000
55.488280450	12.039903090	-0.35	-0.33	-0.10	0.32	0.32	0.55	4450000	3600000
55.473093910	12.829894230	-0.39	-0.32	-0.02	0.21	0.21	0.41	4500000	3600000
55.452985590	13.619235150	-0.43	-0.41	0.05	0.25	0.25	0.48	4550000	3600000
55.427962920	14.407746150	-0.41	-0.42	0.26	0.22	0.22	0.42	4600000	3600000
55.398035160	15.195248920	-0.39	-0.41	0.34	0.30	0.30	0.52	4650000	3600000
55.363213310	15.981566840	-0.39	-0.40	0.19	0.38	0.37	0.65	4700000	3600000
55.278940120	17.549951900	-0.17	-0.30	-0.06	0.38	0.38	0.68	4800000	3600000
55.229519440	18.331676830	-0.15	-0.20	-0.23	0.36	0.36	0.65	4850000	3600000
55.175265930	19.111533020	-0.27	-0.25	-0.46	0.37	0.37	0.67	4900000	3600000
55.116199060	19.889356460	-0.34	-0.35	-0.64	0.38	0.38	0.68	4950000	3600000
55.052339860	20.664986420	-0.34	-0.33	-0.69	0.36	0.36	0.64	5000000	3600000
54.983710900	21.438265670	-0.31	-0.26	-0.72	0.34	0.33	0.59	5050000	3600000
54.910336280	22.209040670	-0.33	-0.19	-0.84	0.33	0.33	0.56	5100000	3600000
54.832241490	22.977161830	-0.37	-0.18	-0.92	0.25	0.25	0.43	5150000	3600000
54.749453460	23.742483630	-0.36	-0.34	-1.14	0.26	0.26	0.44	5200000	3600000
54.662000430	24.504864810	-0.33	-0.40	-1.25	0.25	0.25	0.42	5250000	3600000
54.569911960	25.264168550	-0.33	-0.47	-1.35	0.21	0.21	0.36	5300000	3600000
54.473218820	26.020262560	-0.03	-0.14	-0.59	0.32	0.32	0.54	5350000	3600000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
55.050453560	8.889535731	-0.15	-0.60	-1.31	0.26	0.26	0.47	4250000	3550000
55.054934760	9.671530282	-0.20	-0.49	-0.64	0.26	0.26	0.46	4300000	3550000
55.054545070	10.453598330	-0.23	-0.38	-0.25	0.31	0.31	0.53	4350000	3550000
55.049284630	11.235564890	-0.28	-0.36	-0.28	0.35	0.35	0.59	4400000	3550000
55.039155330	12.017255120	-0.32	-0.34	-0.38	0.34	0.34	0.58	4450000	3550000
55.024160840	12.798494670	-0.36	-0.34	-0.49	0.32	0.32	0.56	4500000	3550000
55.004306550	13.579109910	-0.38	-0.36	-0.44	0.31	0.31	0.55	4550000	3550000
54.979599590	14.358928240	-0.37	-0.42	-0.24	0.31	0.31	0.54	4600000	3550000
54.950048830	15.137778390	-0.36	-0.47	-0.11	0.33	0.33	0.58	4650000	3550000
54.915664830	15.915490660	-0.34	-0.51	-0.19	0.37	0.37	0.64	4700000	3550000
54.876459820	16.691897220	-0.22	-0.50	-0.29	0.36	0.35	0.63	4750000	3550000
54.832447700	17.466832340	0.04	-0.40	-0.36	0.28	0.27	0.54	4800000	3550000
54.783643980	18.240132680	-0.01	-0.16	-0.56	0.20	0.19	0.44	4850000	3550000
54.730065790	19.011637490	-0.28	-0.29	-0.94	0.29	0.29	0.54	4900000	3550000
54.671731790	19.781188910	-0.40	-0.53	-1.20	0.33	0.33	0.61	4950000	3550000
54.608662180	20.548632120	-0.39	-0.53	-1.22	0.35	0.34	0.62	5000000	3550000
54.540878640	21.313815590	-0.32	-0.42	-1.15	0.34	0.33	0.60	5050000	3550000
54.468404270	22.076591290	-0.02	-0.03	-0.26	0.32	0.32	0.56	5100000	3550000
54.391263600	22.836814860	-0.08	-0.08	-0.44	0.24	0.24	0.43	5150000	3550000
54.309482470	23.594345800	-0.15	-0.27	-0.80	0.26	0.26	0.44	5200000	3550000
54.223088040	24.349047590	-0.15	-0.28	-1.01	0.24	0.24	0.40	5250000	3550000
54.132108710	25.100787900	-0.20	-0.26	-1.02	0.24	0.24	0.41	5300000	3550000
54.036574080	25.849438670	-0.17	-0.21	-0.88	0.31	0.31	0.52	5350000	3550000
53.936514870	26.594876280	-0.13	-0.16	-0.70	0.36	0.36	0.61	5400000	3550000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
54.601199380	8.901680825	-0.13	-0.69	-1.64	0.26	0.26	0.48	4250000	3500000
54.605624670	9.675123382	-0.21	-0.53	-1.12	0.28	0.28	0.49	4300000	3500000
54.605239850	10.448636540	-0.23	-0.38	-0.69	0.28	0.28	0.50	4350000	3500000
54.600045030	11.222052210	-0.26	-0.36	-0.59	0.26	0.26	0.47	4400000	3500000
54.590042060	11.995202450	-0.33	-0.42	-0.81	0.23	0.23	0.43	4450000	3500000
54.575234430	12.767919780	-0.36	-0.40	-1.06	0.29	0.29	0.52	4500000	3500000
54.555627320	13.540037380	-0.38	-0.37	-1.05	0.21	0.21	0.44	4550000	3500000
54.531227580	14.311389420	-0.42	-0.47	-0.81	0.32	0.32	0.56	4600000	3500000
54.502043700	15.081811300	-0.43	-0.57	-0.61	0.34	0.34	0.61	4650000	3500000
54.468085820	15.851139880	0.01	-0.34	-0.01	0.32	0.31	0.58	4700000	3500000
54.429365670	16.619213800	0.09	-0.33	-0.11	0.29	0.29	0.53	4750000	3500000
54.385896600	17.385873650	0.14	-0.27	-0.27	0.24	0.24	0.46	4800000	3500000
54.337693490	18.150962260	-0.01	-0.14	-0.48	0.23	0.23	0.43	4850000	3500000
54.284772770	18.914324920	-0.10	-0.20	-0.71	0.25	0.24	0.45	4900000	3500000
54.227152370	19.675809590	-0.14	-0.37	-0.86	0.26	0.26	0.50	4950000	3500000
54.164851680	20.435267110	-0.11	-0.36	-0.76	0.27	0.26	0.51	5000000	3500000
54.097891520	21.192551410	-0.05	-0.19	-0.54	0.26	0.25	0.50	5050000	3500000
54.026294100	21.947519710	-0.07	-0.15	-0.55	0.27	0.26	0.50	5100000	3500000
53.950082960	22.700032670	-0.17	-0.34	-0.80	0.26	0.26	0.47	5150000	3500000
53.869282950	23.449954580	-0.21	-0.42	-1.00	0.28	0.28	0.49	5200000	3500000
53.783920190	24.197153510	-0.21	-0.35	-1.08	0.32	0.32	0.54	5250000	3500000
53.694021970	24.941501420	-0.23	-0.27	-1.09	0.31	0.31	0.52	5300000	3500000
53.599616770	25.682874350	-0.20	-0.21	-0.97	0.34	0.34	0.59	5350000	3500000
52.279732870	-11.165278250	0.05	-0.05	-0.53	0.44	0.44	0.83	2900000	3450000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 10	0.5473 35618	-0.11	0.11	-1.20	0.32	0.33	0.56	370000 0	345000 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





#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 60	24.049 042460	-0.18	-0.33	-0.98	0.33	0.33	0.58	525000 0	345000 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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 80	- 0.0981 52933	-0.04	0.12	-1.26	0.26	0.27	0.45	365000 0	340000 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	1.3924	-0.10	0.17	-1.25	0.36	0.37	0.64	375000	340000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
80	44665							0	0
53.578430010	4.393078531	-0.11	0.00	-1.31	0.37	0.37	0.66	3950000	3400000
53.610824150	5.146445039	-0.16	0.08	-1.63	0.31	0.31	0.55	4000000	3400000
53.638556580	5.900798158	-0.04	0.10	-2.40	0.26	0.26	0.47	4050000	3400000
53.661618220	6.655986738	-0.08	-0.22	-2.94	0.23	0.23	0.43	4100000	3400000
53.680001480	7.411858355	-0.05	-0.34	-1.86	0.26	0.26	0.47	4150000	3400000
53.693700290	8.168259538	0.10	-0.25	-0.84	0.21	0.21	0.39	4200000	3400000
53.702710140	8.925036006	0.14	-0.32	-0.86	0.25	0.25	0.47	4250000	3400000
53.707028030	9.682032900	0.08	-0.43	-1.01	0.24	0.24	0.47	4300000	3400000
53.706652540	10.439095020	0.00	-0.39	-1.04	0.28	0.28	0.52	4350000	3400000
53.701583800	11.196067070	0.00	-0.27	-1.14	0.26	0.26	0.49	4400000	3400000
53.691823480	11.952793890	-0.02	-0.20	-1.11	0.26	0.26	0.48	4450000	3400000
53.677374810	12.709120690	-0.10	-0.19	-0.93	0.26	0.26	0.48	4500000	3400000
53.658242570	13.464893310	-0.20	-0.27	-0.77	0.26	0.26	0.48	4550000	3400000
53.634433050	14.219958430	-0.25	-0.31	-0.58	0.25	0.24	0.45	4600000	3400000
53.605954090	14.974163810	-0.17	-0.24	-0.32	0.25	0.25	0.48	4650000	3400000
53.572815030	15.727358530	-0.06	-0.19	-0.19	0.27	0.27	0.51	4700000	3400000
53.535026690	16.479393200	-0.07	-0.29	-0.35	0.27	0.27	0.50	4750000	3400000
53.492601360	17.230120160	-0.13	-0.35	-0.59	0.27	0.26	0.49	4800000	3400000
53.445552790	17.979393750	-0.16	-0.32	-0.77	0.26	0.26	0.47	4850000	3400000
53.393896110	18.727070450	-0.10	-0.18	-0.84	0.25	0.25	0.46	4900000	3400000
53.337647890	19.473009100	-0.08	-0.10	-0.90	0.25	0.25	0.46	4950000	3400000
53.276826010	20.217071110	-0.11	-0.18	-0.89	0.24	0.24	0.45	5000000	3400000
53.211449720	20.959120610	-0.08	-0.31	-0.89	0.26	0.26	0.48	5050000	3400000
53.1415395	21.699	0.02	-0.35	-0.95	0.25	0.25	0.47	5100000	3400000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
10	024620							0	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 50	- 2.9216 05379	0.04	-0.04	-1.37	0.29	0.30	0.51	345000 0	335000 0
52.6374018 30	- 2.1930 97693	-0.01	-0.02	-1.19	0.27	0.27	0.49	350000 0	335000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
52.7102506 20	- 1.4622 95225	-0.13	-0.08	-0.92	0.26	0.27	0.47	355000 0	335000 0
52.7786329 00	- 0.7293 20927	-0.13	-0.11	-0.96	0.27	0.28	0.47	360000 0	335000 0
52.8425279 20	0.0056 99243	-0.04	0.02	-1.20	0.27	0.28	0.46	365000 0	335000 0
52.9019161 50	0.7426 36466	-0.07	0.19	-1.32	0.25	0.26	0.43	370000 0	335000 0
52.9567792 90	1.4813 59215	-0.08	0.17	-1.26	0.29	0.30	0.53	375000 0	335000 0
53.0071003 50	2.2217 33422	0.00	0.03	-1.20	0.37	0.37	0.66	380000 0	335000 0
53.1306608 20	4.4513 89575	-0.04	-0.15	-1.40	0.30	0.30	0.53	395000 0	335000 0
53.1626701 70	5.1969 84185	-0.05	-0.07	-1.73	0.23	0.23	0.41	400000 0	335000 0
53.1900726 50	5.9435 28002	0.26	-0.07	-2.86	0.22	0.22	0.40	405000 0	335000 0
53.2128595 30	6.6908 75550	0.27	-0.53	-3.81	0.19	0.19	0.35	410000 0	335000 0
53.2310235 20	7.4388 80153	0.20	-0.54	-2.06	0.21	0.21	0.40	415000 0	335000 0
53.2445588 00	8.1873 94155	0.18	-0.32	-0.92	0.30	0.30	0.52	420000 0	335000 0
53.2534610 20	8.9362 69137	0.12	-0.31	-0.65	0.31	0.31	0.55	425000 0	335000 0
53.2577273 10	9.6853 56139	0.02	-0.44	-0.79	0.30	0.30	0.53	430000 0	335000 0
53.2573563 20	10.434 505880	-0.06	-0.49	-0.91	0.29	0.29	0.51	435000 0	335000 0
53.2523481 40	11.183 568980	-0.04	-0.31	-0.95	0.26	0.26	0.48	440000 0	335000 0
53.2427044 00	11.932 396210	-0.02	-0.11	-0.82	0.25	0.25	0.46	445000 0	335000 0
53.2284282 00	12.680 838660	-0.09	-0.10	-0.70	0.26	0.26	0.48	450000 0	335000 0
53.2095241 20	13.428 748040	-0.19	-0.23	-0.73	0.28	0.28	0.50	455000 0	335000 0
53.1859982 10	14.175 976810	-0.25	-0.28	-0.70	0.25	0.25	0.45	460000 0	335000 0
53.1578580 00	14.922 378500	-0.18	-0.22	-0.49	0.24	0.24	0.45	465000 0	335000 0
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	17.155	0.01	-0.34	-0.55	0.27	0.27	0.50	480000	335000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
90	175750							0	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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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	14.133	-0.10	-0.29	-0.75	0.26	0.26	0.46	460000	330000

#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
40	095150							0	0
52.709719890	14.871886470	-0.07	-0.28	-0.57	0.24	0.24	0.45	4650000	3300000
52.677357790	15.609741900	-0.08	-0.29	-0.36	0.27	0.27	0.48	4700000	3300000
52.640453730	16.346522900	-0.08	-0.30	-0.38	0.24	0.24	0.45	4750000	3300000
52.599019080	17.082092510	0.00	-0.22	-0.65	0.26	0.26	0.47	4800000	3300000
52.553066530	17.816315490	0.06	-0.22	-0.89	0.27	0.27	0.49	4850000	3300000
52.502610070	18.549058520	0.00	-0.28	-1.05	0.27	0.27	0.49	4900000	3300000
52.447664990	19.280190380	-0.04	-0.30	-1.07	0.26	0.26	0.48	4950000	3300000
52.388247860	20.009582090	0.00	-0.32	-0.90	0.28	0.28	0.49	5000000	3300000
52.324376460	20.737107120	0.03	-0.35	-0.76	0.22	0.22	0.40	5050000	3300000
52.256069780	21.462641500	0.01	-0.21	-0.82	0.24	0.23	0.43	5100000	3300000
52.183347950	22.186063980	-0.01	-0.12	-0.91	0.24	0.24	0.46	5150000	3300000
52.106232280	22.907256160	-0.04	-0.29	-0.94	0.26	0.26	0.49	5200000	3300000
52.024745140	23.626102640	-0.05	-0.37	-0.95	0.30	0.30	0.53	5250000	3300000
51.938909960	24.342491110	-0.02	-0.29	-0.94	0.33	0.33	0.57	5300000	3300000
51.848751210	25.056312470	0.02	-0.20	-0.90	0.30	0.30	0.50	5350000	3300000
51.754294310	25.767460930	0.04	-0.37	-0.91	0.30	0.30	0.49	5400000	3300000
51.332108940	-5.501071643	-0.01	-0.05	-0.89	0.35	0.36	0.62	3250000	3250000
51.424845790	-4.795929889	0.04	0.04	-0.98	0.30	0.31	0.52	3300000	3250000
51.513323100	-4.088225397	0.19	0.12	-1.11	0.25	0.26	0.46	3350000	3250000
51.597516490	-3.378061252	0.13	-0.12	-1.24	0.26	0.27	0.47	3400000	3250000
51.677402560	-2.665543653	0.09	-0.22	-1.26	0.26	0.27	0.50	3450000	3250000
51.7529589	-	0.07	-0.08	-1.24	0.27	0.28	0.50	350000	325000





#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
00	1.9507 81819							0	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
52.3120026 00	13.359 140100	-0.05	-0.29	-0.67	0.24	0.24	0.43	455000 0	325000 0
52.2890222 90	14.091 273990	0.05	-0.25	-0.57	0.23	0.22	0.43	460000 0	325000 0
52.2615338	14.822	0.08	-0.23	-0.42	0.26	0.26	0.47	465000	325000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
10	641440							0	0
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
51.235720630	-2.542070568	0.01	-0.16	-1.10	0.28	0.29	0.52	3450000	3200000
51.310439900	-1.833952737	-0.01	-0.15	-1.10	0.25	0.27	0.47	3500000	3200000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
51.3808532 30	- 1.1237 78664	-0.08	-0.17	-1.22	0.26	0.27	0.46	355000 0	320000 0
51.4469410 60	- 0.4116 59501	-0.18	-0.06	-1.29	0.24	0.24	0.44	360000 0	320000 0
51.5086848 70	0.3022 91069	-0.07	0.00	-1.25	0.24	0.24	0.43	365000 0	320000 0
51.5660672 60	1.0179 56964	0.07	-0.18	-1.20	0.26	0.26	0.45	370000 0	320000 0
51.6190719 10	1.7352 19829	0.07	-0.28	-1.22	0.31	0.31	0.53	375000 0	320000 0
51.6676837 10	2.4539 59181	0.02	-0.34	-1.20	0.31	0.32	0.54	380000 0	320000 0
51.7118886 60	3.1740 52547	-0.02	-0.30	-1.33	0.28	0.29	0.49	385000 0	320000 0
51.7516740 20	3.8953 75624	0.00	-0.18	-1.64	0.24	0.24	0.42	390000 0	320000 0
51.7870282 20	4.6178 02428	-0.09	-0.38	-1.59	0.22	0.22	0.39	395000 0	320000 0
51.8179409 80	5.3412 05464	-0.13	-0.46	-1.10	0.25	0.25	0.43	400000 0	320000 0
51.8444032 40	6.0654 55892	0.01	-0.28	-0.96	0.23	0.23	0.41	405000 0	320000 0
51.8664072 50	6.7904 23695	0.17	-0.32	-1.00	0.26	0.26	0.45	410000 0	320000 0
51.8839465 20	7.5159 77863	0.15	-0.43	-0.94	0.27	0.27	0.48	415000 0	320000 0
51.8970159 00	8.2419 86565	0.02	-0.29	-0.91	0.26	0.26	0.45	420000 0	320000 0
51.9056115 10	8.9683 17336	-0.13	-0.07	-0.87	0.25	0.24	0.44	425000 0	320000 0
51.9097308 20	9.6948 37259	-0.18	-0.11	-0.69	0.27	0.27	0.48	430000 0	320000 0
51.9093726 00	10.421 413150	-0.11	-0.29	-0.61	0.26	0.26	0.47	435000 0	320000 0
51.9045369 70	11.147 911760	-0.02	-0.31	-0.73	0.32	0.32	0.56	440000 0	320000 0
51.8952253 50	11.874 199920	0.00	-0.28	-0.75	0.31	0.31	0.56	445000 0	320000 0
51.8814405 00	12.600 144780	-0.09	-0.25	-0.63	0.29	0.29	0.52	450000 0	320000 0
51.8631864 80	13.325 613970	-0.16	-0.24	-0.43	0.26	0.26	0.48	455000 0	320000 0
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	15.497	0.06	-0.24	-0.41	0.25	0.25	0.45	470000	320000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
60	854790							0	0
51.745605850	16.220113530	0.02	-0.24	-0.80	0.24	0.24	0.45	4750000	3200000
51.705112550	16.941248280	0.10	-0.27	-0.96	0.26	0.26	0.47	4800000	3200000
51.660201610	17.661133310	0.20	-0.38	-0.81	0.24	0.24	0.45	4850000	3200000
51.610885990	18.379644600	0.21	-0.37	-0.67	0.25	0.25	0.47	4900000	3200000
51.557179850	19.096660000	0.21	-0.20	-0.74	0.25	0.25	0.47	4950000	3200000
51.499098510	19.812059340	0.25	-0.16	-0.81	0.24	0.24	0.45	5000000	3200000
51.436658450	20.525724620	0.19	-0.39	-0.71	0.27	0.27	0.48	5050000	3200000
51.369877270	21.237540140	0.08	-0.63	-0.63	0.21	0.21	0.42	5100000	3200000
51.298773650	21.947392620	-0.07	-0.43	-0.56	0.25	0.25	0.47	5150000	3200000
51.223367320	22.655171310	-0.18	-0.33	-0.57	0.24	0.24	0.46	5200000	3200000
51.143679060	23.360768140	-0.22	-0.44	-0.81	0.24	0.23	0.45	5250000	3200000
51.059730610	24.064077800	-0.05	-0.45	-1.11	0.27	0.27	0.46	5300000	3200000
50.971544700	24.764997850	0.16	-0.39	-1.15	0.27	0.27	0.45	5350000	3200000
50.879144940	25.463428810	0.24	-0.45	-1.05	0.27	0.27	0.46	5400000	3200000
50.262086940	-6.583868436	0.12	-0.11	-1.12	0.40	0.40	0.72	3150000	3150000
50.361109970	-5.896262012	0.16	-0.14	-1.33	0.33	0.33	0.57	3200000	3150000
50.456004200	-5.206082525	0.09	-0.13	-1.32	0.30	0.31	0.52	3250000	3150000
50.546745290	-4.513421092	0.07	-0.13	-1.38	0.30	0.31	0.53	3300000	3150000
50.633309740	-3.818371778	-0.02	-0.09	-1.43	0.27	0.27	0.47	3350000	3150000
50.715674890	-3.121031516	-0.11	-0.06	-1.33	0.25	0.27	0.46	3400000	3150000
50.793818990	-2.4215	-0.15	-0.10	-1.13	0.31	0.32	0.53	3450000	3150000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	00034								
50.8677212 10	- 1.7198 79757	-0.19	-0.18	-1.08	0.25	0.27	0.44	350000	315000
50.9373617 10	- 1.0162 75717	-0.10	-0.43	-1.25	0.23	0.24	0.41	355000	315000
51.0027216 30	- 0.3107 95443	-0.03	-0.40	-1.16	0.26	0.26	0.45	360000	315000
51.0637831 30	0.3964 51147	0.07	-0.21	-1.05	0.23	0.24	0.40	365000	315000
51.1205294 50	1.1053 51867	0.12	-0.13	-1.25	0.27	0.28	0.47	370000	315000
51.1729448 80	1.8157 92386	0.08	-0.21	-1.41	0.28	0.28	0.48	375000	315000
51.2210148 60	2.5276 56362	-0.03	-0.36	-1.35	0.27	0.27	0.45	380000	315000
51.2647259 30	3.2408 25577	-0.11	-0.39	-1.29	0.22	0.23	0.38	385000	315000
51.3040658 00	3.9551 80086	-0.08	-0.30	-1.36	0.23	0.23	0.39	390000	315000
51.3390233 70	4.6705 98358	-0.07	-0.38	-1.10	0.23	0.23	0.40	395000	315000
51.3695887 20	5.3869 57440	0.01	-0.40	-0.65	0.24	0.24	0.42	400000	315000
51.3957531 50	6.1041 33106	0.19	-0.31	-0.64	0.23	0.23	0.41	405000	315000
51.4175091 90	6.8220 00025	0.24	-0.34	-0.83	0.26	0.26	0.46	410000	315000
51.4348506 00	7.5404 31929	0.12	-0.36	-0.86	0.26	0.26	0.46	415000	315000
51.4477724 30	8.2593 01775	-0.07	-0.27	-0.81	0.27	0.26	0.47	420000	315000
51.4562709 40	8.9784 81925	-0.16	-0.15	-0.76	0.27	0.27	0.48	425000	315000
51.4603437 00	9.6978 44314	-0.12	-0.17	-0.71	0.26	0.26	0.46	430000	315000
51.4599895 30	10.417 260630	0.00	-0.21	-0.79	0.22	0.22	0.41	435000	315000
51.4552085 40	11.136 602480	0.05	-0.20	-0.90	0.30	0.30	0.52	440000	315000
51.4460021 00	11.855 741570	-0.02	-0.22	-0.79	0.32	0.32	0.55	445000	315000
51.4323728 60	12.574 549910	-0.15	-0.21	-0.54	0.27	0.27	0.51	450000	315000
51.4143247 40	13.292 899940	-0.26	-0.22	-0.27	0.26	0.26	0.49	455000	315000
51.3918629	14.010	-0.19	-0.23	-0.16	0.28	0.28	0.50	460000	315000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
00	664720							0	0
51.364993800	14.727718130	-0.06	-0.27	-0.17	0.27	0.27	0.48	4650000	3150000
51.333725080	15.443935000	0.03	-0.28	-0.37	0.26	0.26	0.48	4700000	3150000
51.298065640	16.159191300	0.08	-0.26	-0.73	0.26	0.26	0.48	4750000	3150000
51.258025600	16.873364290	0.13	-0.27	-0.80	0.26	0.26	0.48	4800000	3150000
51.213616250	17.586332680	0.13	-0.28	-0.52	0.27	0.27	0.49	4850000	3150000
51.164850060	18.297976800	0.07	-0.16	-0.34	0.26	0.26	0.48	4900000	3150000
51.111740680	19.008178720	0.07	-0.03	-0.53	0.28	0.28	0.51	4950000	3150000
51.054302850	19.716822410	0.12	-0.08	-0.71	0.27	0.27	0.49	5000000	3150000
50.992552450	20.423793870	0.08	-0.34	-0.60	0.29	0.28	0.51	5050000	3150000
50.926506410	21.128981270	0.06	-0.53	-0.41	0.28	0.28	0.51	5100000	3150000
50.856182740	21.832275070	0.05	-0.47	-0.35	0.29	0.29	0.52	5150000	3150000
50.781600450	22.533568130	-0.05	-0.42	-0.46	0.29	0.29	0.53	5200000	3150000
50.702779570	23.232755830	-0.21	-0.47	-0.78	0.25	0.25	0.48	5250000	3150000
50.619741040	23.929736170	-0.14	-0.54	-1.15	0.25	0.25	0.45	5300000	3150000
50.532506790	24.624409870	0.04	-0.53	-1.20	0.28	0.28	0.48	5350000	3150000
50.441099590	25.316680430	0.13	-0.50	-1.04	0.32	0.32	0.53	5400000	3150000
49.825616970	-6.429603498	0.16	-0.12	-1.29	0.40	0.40	0.71	3150000	3100000
49.923598880	-5.747871610	0.25	-0.20	-1.64	0.29	0.29	0.50	3200000	3100000
50.017490520	-5.063653859	0.18	-0.25	-1.67	0.26	0.26	0.47	3250000	3100000
50.107268420	-4.377038746	0.00	-0.30	-1.64	0.32	0.32	0.55	3300000	3100000
50.192909870	-3.688117568	-0.22	-0.38	-1.72	0.21	0.23	0.41	3350000	3100000
50.2743930	-	-0.17	-0.23	-1.47	0.33	0.34	0.57	3400000	3100000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40	2.9969 84344							0	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
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	12.549	-0.17	-0.28	-0.46	0.25	0.25	0.48	450000	310000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
00	568950							0	0
50.965410790	13.260969890	-0.22	-0.23	-0.25	0.26	0.27	0.51	4550000	3100000
50.943198610	13.971806710	-0.16	-0.22	-0.18	0.27	0.27	0.50	4600000	3100000
50.916627760	14.681957800	-0.06	-0.26	-0.11	0.22	0.23	0.43	4650000	3100000
50.885705620	15.391302440	0.03	-0.23	-0.18	0.26	0.26	0.48	4700000	3100000
50.850440750	16.099721020	0.08	-0.17	-0.40	0.25	0.26	0.47	4750000	3100000
50.810842880	16.807095100	0.07	-0.18	-0.44	0.26	0.26	0.47	4800000	3100000
50.766922880	17.513307660	-0.05	-0.16	-0.21	0.28	0.28	0.50	4850000	3100000
50.718692790	18.218243160	-0.16	-0.02	-0.10	0.26	0.25	0.48	4900000	3100000
50.666165710	18.921787730	-0.12	0.07	-0.39	0.27	0.26	0.48	4950000	3100000
50.609355870	19.623829290	-0.06	-0.02	-0.63	0.27	0.27	0.49	5000000	3100000
50.548278540	20.324257680	-0.09	-0.24	-0.51	0.28	0.28	0.50	5050000	3100000
50.482950070	21.022964780	-0.08	-0.36	-0.32	0.25	0.25	0.48	5100000	3100000
50.413387780	21.719844650	0.05	-0.38	-0.28	0.26	0.25	0.49	5150000	3100000
50.339610010	22.414793610	0.03	-0.43	-0.36	0.28	0.27	0.52	5200000	3100000
50.261636050	23.107710360	-0.13	-0.56	-0.61	0.24	0.24	0.48	5250000	3100000
50.179486120	23.798496080	-0.14	-0.60	-0.93	0.28	0.28	0.49	5300000	3100000
50.093181340	24.487054540	-0.04	-0.59	-1.05	0.32	0.32	0.54	5350000	3100000
50.002743700	25.173292140	-0.01	-0.59	-0.94	0.34	0.34	0.57	5400000	3100000
49.485759890	-5.602834950	0.20	-0.18	-1.55	0.38	0.38	0.67	3200000	3050000
49.578671860	-4.924457966	0.16	-0.24	-1.71	0.36	0.36	0.64	3250000	3050000
49.832870210	-2.875785993	-0.11	-0.32	-1.54	0.37	0.37	0.63	3400000	3050000
49.909353560	-2.188685594	-0.08	-0.33	-1.35	0.33	0.34	0.57	3450000	3050000





#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 60	12.525 180870	-0.23	-0.28	-0.28	0.25	0.26	0.47	450000 0	305000 0
50.5164380 50	13.229 797020	-0.14	-0.16	-0.30	0.29	0.29	0.53	455000 0	305000 0
50.4944694 30	13.933 869210	-0.03	-0.14	-0.35	0.27	0.28	0.50	460000 0	305000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
50.4681895 70	14.637 280140	0.02	-0.18	-0.29	0.27	0.27	0.48	465000 0	305000 0
50.4376055 80	15.339 913350	0.04	-0.17	-0.21	0.29	0.30	0.52	470000 0	305000 0
50.4027257 00	16.041 653430	0.05	-0.14	-0.17	0.25	0.26	0.47	475000 0	305000 0
50.3635592 90	16.742 386090	0.01	-0.21	-0.15	0.24	0.26	0.45	480000 0	305000 0
50.3201168 50	17.441 998340	-0.12	-0.22	-0.01	0.24	0.24	0.44	485000 0	305000 0
50.2724099 40	18.140 378630	-0.19	-0.07	-0.02	0.27	0.27	0.50	490000 0	305000 0
50.2204512 00	18.837 416980	-0.14	-0.01	-0.27	0.28	0.28	0.51	495000 0	305000 0
50.1642543 30	19.533 005070	-0.06	-0.12	-0.49	0.26	0.26	0.48	500000 0	305000 0
50.1038340 70	20.227 036440	-0.13	-0.22	-0.51	0.24	0.24	0.45	505000 0	305000 0
50.0392061 50	20.919 406520	-0.17	-0.23	-0.52	0.26	0.26	0.48	510000 0	305000 0
49.9703872 70	21.610 012830	-0.04	-0.27	-0.52	0.27	0.26	0.50	515000 0	305000 0
49.8973951 30	22.298 755000	-0.02	-0.36	-0.36	0.28	0.28	0.52	520000 0	305000 0
49.8202483 20	22.985 534950	-0.13	-0.45	-0.34	0.28	0.28	0.52	525000 0	305000 0
49.7389663 40	23.670 256920	-0.14	-0.53	-0.64	0.26	0.26	0.47	530000 0	305000 0
49.6535695 60	24.352 827600	-0.03	-0.60	-0.92	0.29	0.29	0.50	535000 0	305000 0
49.4705173 00	25.711 154530	-0.18	-0.69	-0.60	0.22	0.22	0.39	545000 0	305000 0
49.3729066 40	26.386 737030	-0.41	-0.58	-0.49	0.29	0.29	0.49	550000 0	305000 0
49.2712707 60	27.059 820880	-0.40	-0.67	-0.35	0.26	0.26	0.46	555000 0	305000 0
49.1656339 30	27.730 326060	-0.21	-0.80	-0.17	0.24	0.24	0.42	560000 0	305000 0
49.0560210 70	28.398 175340	-0.21	-0.61	-0.29	0.28	0.28	0.49	565000 0	305000 0
49.2274668 60	- 4.1134 99498	0.07	-0.28	-1.87	0.36	0.36	0.62	330000 0	300000 0
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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	13.199	-0.10	-0.04	-0.42	0.28	0.29	0.51	455000	300000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
10	355750							0	0
50.045668970	13.896821170	0.01	-0.09	-0.62	0.27	0.28	0.49	4600000	3000000
50.019673080	14.593648680	0.04	-0.17	-0.66	0.21	0.22	0.41	4650000	3000000
49.989419090	15.289725930	0.01	-0.16	-0.47	0.29	0.30	0.53	4700000	3000000
49.954914950	15.984941500	0.00	-0.20	-0.28	0.27	0.28	0.52	4750000	3000000
49.916169670	16.679185060	-0.02	-0.31	-0.14	0.27	0.28	0.50	4800000	3000000
49.873193350	17.372347510	-0.07	-0.26	-0.05	0.29	0.30	0.52	4850000	3000000
49.825997150	18.064321090	-0.09	-0.13	-0.07	0.26	0.26	0.48	4900000	3000000
49.774593260	18.754999540	-0.02	-0.10	-0.22	0.28	0.28	0.51	4950000	3000000
49.718994860	19.444278180	0.04	-0.20	-0.31	0.26	0.26	0.48	5000000	3000000
49.659216170	20.132054050	-0.04	-0.25	-0.37	0.25	0.25	0.45	5050000	3000000
49.595272340	20.818226030	-0.13	-0.16	-0.65	0.25	0.25	0.46	5100000	3000000
49.527179500	21.502694930	-0.09	-0.12	-0.72	0.27	0.26	0.49	5150000	3000000
49.454954700	22.185363600	-0.13	-0.18	-0.37	0.25	0.25	0.47	5200000	3000000
49.378615880	22.866137020	-0.22	-0.26	-0.20	0.27	0.27	0.49	5250000	3000000
49.298181860	23.544922400	-0.20	-0.37	-0.51	0.25	0.25	0.46	5300000	3000000
49.213672290	24.221629260	0.03	-0.56	-1.02	0.26	0.26	0.46	5350000	3000000
49.125107650	24.896169500	0.16	-0.70	-1.17	0.28	0.28	0.48	5400000	3000000
49.032509200	25.568457480	-0.12	-0.65	-0.78	0.31	0.31	0.51	5450000	3000000
48.935898960	26.238410100	-0.46	-0.58	-0.42	0.26	0.26	0.46	5500000	3000000
48.835299670	26.905946840	-0.45	-0.70	-0.31	0.32	0.32	0.56	5550000	3000000
48.730734760	27.570989800	-0.40	-0.82	-0.18	0.31	0.31	0.55	5600000	3000000
48.622228320	28.233463800	-0.30	-0.75	-0.21	0.30	0.30	0.52	5650000	3000000
48.509805070	28.893296360	-0.32	-0.61	-0.27	0.27	0.27	0.47	5700000	3000000
48.6091063	-	0.24	-0.13	-1.27	0.36	0.36	0.63	320000	295000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
50	5.3224 03980							0	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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
49.658435010	9.016781289	-0.07	-0.16	-0.85	0.27	0.27	0.48	4250000	2950000
49.662332700	9.709174531	-0.09	-0.07	-0.64	0.25	0.25	0.46	4300000	2950000
49.661993760	10.401614410	-0.16	-0.07	-0.42	0.28	0.28	0.51	4350000	2950000
49.657418270	11.093989890	-0.25	-0.07	-0.27	0.28	0.28	0.51	4400000	2950000
49.648607410	11.786190010	-0.24	0.03	-0.25	0.30	0.30	0.53	4450000	2950000
49.635563450	12.478104060	-0.19	0.12	-0.28	0.27	0.27	0.48	4500000	2950000
49.618289770	13.169621650	-0.06	0.05	-0.47	0.26	0.27	0.47	4550000	2950000
49.596790810	13.860632920	0.01	-0.08	-0.72	0.28	0.29	0.49	4600000	2950000
49.571072110	14.551028620	0.02	-0.10	-0.83	0.28	0.29	0.49	4650000	2950000
49.541140250	15.240700270	-0.02	-0.10	-0.71	0.28	0.29	0.51	4700000	2950000
49.507002900	15.929540300	-0.07	-0.21	-0.50	0.25	0.26	0.50	4750000	2950000
49.468668740	16.617442180	-0.07	-0.32	-0.29	0.29	0.29	0.54	4800000	2950000
49.426147520	17.304300500	-0.04	-0.25	-0.19	0.28	0.28	0.52	4850000	2950000
49.379449980	17.990011160	0.00	-0.12	-0.24	0.25	0.25	0.47	4900000	2950000
49.328587860	18.674471450	0.02	-0.10	-0.36	0.25	0.25	0.44	4950000	2950000
49.273573900	19.357580170	0.01	-0.17	-0.31	0.27	0.27	0.46	5000000	2950000
49.214421780	20.039237750	-0.04	-0.15	-0.32	0.24	0.24	0.42	5050000	2950000
49.151146130	20.719346350	-0.09	-0.04	-0.64	0.27	0.27	0.47	5100000	2950000
49.083762510	21.397809960	-0.11	0.01	-0.76	0.25	0.25	0.43	5150000	2950000
49.012287360	22.074534520	-0.24	0.03	-0.45	0.23	0.23	0.41	5200000	2950000
48.936737980	22.749427950	-0.30	-0.11	-0.42	0.30	0.30	0.51	5250000	2950000
48.857132550	23.422400330	-0.24	-0.28	-0.66	0.29	0.29	0.50	5300000	2950000
48.773490030	24.093363900	0.06	-0.59	-1.15	0.27	0.27	0.46	5350000	2950000
48.685830190	24.762233170	0.27	-0.83	-1.34	0.25	0.25	0.42	5400000	2950000

#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
48.594173570	25.428924990	0.06	-0.74	-0.99	0.28	0.28	0.48	5450000	2950000
48.498541430	26.093358600	-0.23	-0.60	-0.69	0.26	0.26	0.46	5500000	2950000
48.398955740	26.755455710	-0.48	-0.70	-0.49	0.32	0.32	0.57	5550000	2950000
48.295439140	27.415140530	-0.71	-0.88	-0.31	0.26	0.26	0.54	5600000	2950000
48.188014910	28.072339830	-0.45	-0.98	-0.24	0.26	0.26	0.48	5650000	2950000
48.076706960	28.726982970	-0.42	-0.92	-0.27	0.30	0.30	0.51	5700000	2950000
47.961539770	29.379001960	-0.66	-1.02	-0.37	0.26	0.26	0.43	5750000	2950000
48.170294920	-5.186811029	0.23	-0.10	-1.15	0.35	0.35	0.61	3200000	2900000
48.260398380	-4.525261924	0.32	-0.12	-1.32	0.23	0.23	0.39	3250000	2900000
48.346538140	-3.861619875	0.16	-0.15	-1.65	0.23	0.23	0.40	3300000	2900000
48.428694500	-3.195965991	0.02	-0.29	-1.51	0.25	0.25	0.43	3350000	2900000
48.506848490	-2.528383590	0.06	-0.34	-1.21	0.23	0.24	0.40	3400000	2900000
48.580981900	-1.858958130	0.14	-0.21	-1.19	0.20	0.20	0.36	3450000	2900000
48.651077340	-1.187777133	0.03	-0.08	-1.11	0.24	0.24	0.41	3500000	2900000
48.717118230	-0.514930111	0.01	-0.04	-0.99	0.25	0.25	0.43	3550000	2900000
48.779088840	0.159491523	0.08	-0.10	-1.12	0.26	0.26	0.44	3600000	2900000
48.836974300	0.835394537	0.06	-0.14	-1.37	0.23	0.23	0.39	3650000	2900000
48.890760650	1.512683979	-0.05	-0.08	-1.37	0.23	0.23	0.39	3700000	2900000
48.940434840	2.191263270	-0.04	-0.12	-1.17	0.23	0.23	0.38	3750000	2900000
48.985984730	2.871034311	0.01	-0.18	-1.24	0.22	0.22	0.39	3800000	2900000
49.027399150	3.551897585	-0.02	-0.06	-1.32	0.27	0.27	0.46	3850000	2900000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
49.064667890	4.233752271	-0.03	0.01	-1.13	0.28	0.28	0.49	3900000	2900000
49.097781740	4.916496355	-0.07	-0.03	-0.80	0.26	0.26	0.46	3950000	2900000
49.126732460	5.600026749	-0.20	-0.12	-0.55	0.25	0.25	0.44	4000000	2900000
49.151512850	6.284239411	-0.33	-0.09	-0.52	0.24	0.24	0.42	4050000	2900000
49.172116700	6.969029467	-0.27	0.04	-0.58	0.23	0.23	0.41	4100000	2900000
49.188538860	7.654291337	-0.14	0.01	-0.64	0.26	0.26	0.46	4150000	2900000
49.200775200	8.339918865	-0.05	-0.06	-0.81	0.24	0.24	0.44	4200000	2900000
49.208822640	9.025805442	0.02	-0.06	-0.93	0.25	0.25	0.46	4250000	2900000
49.212679170	9.711844144	0.01	-0.04	-0.83	0.26	0.26	0.48	4300000	2900000
49.212343810	10.397927860	-0.05	-0.05	-0.66	0.31	0.31	0.55	4350000	2900000
49.207816640	11.083949410	-0.12	-0.02	-0.48	0.33	0.33	0.57	4400000	2900000
49.199098810	11.769801720	-0.14	0.08	-0.34	0.32	0.32	0.56	4450000	2900000
49.186192500	12.455377900	-0.10	0.10	-0.23	0.26	0.26	0.47	4500000	2900000
49.169100970	13.140571400	-0.05	-0.02	-0.24	0.22	0.22	0.40	4550000	2900000
49.147828500	13.825276150	-0.04	-0.05	-0.47	0.26	0.27	0.47	4600000	2900000
49.122380420	14.509386680	0.01	0.00	-0.70	0.24	0.25	0.43	4650000	2900000
49.092763080	15.192798230	-0.03	0.01	-0.73	0.21	0.22	0.39	4700000	2900000
49.058983870	15.875406910	-0.13	-0.18	-0.58	0.26	0.27	0.49	4750000	2900000
49.021051180	16.557109800	-0.14	-0.27	-0.47	0.26	0.26	0.49	4800000	2900000
48.978974370	17.237805060	-0.02	-0.19	-0.43	0.27	0.27	0.48	4850000	2900000
48.932763820	17.917392070	0.07	-0.13	-0.49	0.29	0.29	0.50	4900000	2900000
48.882430850	18.595771540	0.05	-0.16	-0.59	0.26	0.26	0.45	4950000	2900000
48.827987730	19.272845600	-0.02	-0.15	-0.59	0.24	0.24	0.41	5000000	2900000
48.769447680	19.948517930	-0.07	0.01	-0.58	0.26	0.26	0.43	5050000	2900000





#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 90	- 2.4176 99136	-0.04	-0.33	-1.08	0.26	0.26	0.44	340000 0	285000 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	-0.03	-0.22	-0.93	0.26	0.26	0.44	350000	285000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
	45448							0	0
48.272494180	-0.421359717	0.00	-0.14	-0.84	0.26	0.26	0.44	3550000	2850000
48.333833280	0.247247804	0.08	-0.15	-1.02	0.26	0.26	0.45	3600000	2850000
48.391127140	0.917286842	0.10	-0.13	-1.33	0.26	0.26	0.44	3650000	2850000
48.444362280	1.588665489	0.01	-0.09	-1.37	0.24	0.24	0.41	3700000	2850000
48.493526120	2.261290300	-0.03	-0.14	-1.16	0.23	0.23	0.39	3750000	2850000
48.538606930	2.935066384	-0.01	-0.11	-1.15	0.26	0.25	0.43	3800000	2850000
48.579593960	3.609897513	-0.04	0.05	-1.12	0.26	0.26	0.45	3850000	2850000
48.616477360	4.285686219	-0.08	0.10	-0.98	0.27	0.27	0.46	3900000	2850000
48.649248230	4.962333907	-0.15	-0.04	-0.85	0.26	0.27	0.46	3950000	2850000
48.677898630	5.639740964	-0.22	-0.15	-1.05	0.26	0.26	0.45	4000000	2850000
48.702421620	6.317806876	-0.24	-0.14	-1.38	0.25	0.25	0.43	4050000	2850000
48.722811220	6.996430339	-0.20	-0.06	-1.31	0.27	0.27	0.46	4100000	2850000
48.739062450	7.675509385	-0.12	-0.01	-1.05	0.21	0.21	0.37	4150000	2850000
48.751171350	8.354941497	0.01	0.01	-0.84	0.26	0.26	0.45	4200000	2850000
48.759134930	9.034623732	0.14	0.03	-0.89	0.26	0.25	0.47	4250000	2850000
48.762951260	9.714452847	0.16	-0.03	-0.95	0.28	0.28	0.51	4300000	2850000
48.762619400	10.394325420	0.09	-0.06	-0.90	0.28	0.28	0.51	4350000	2850000
48.758139420	11.074137980	0.03	-0.01	-0.70	0.32	0.32	0.57	4400000	2850000
48.749512420	11.753787130	-0.03	0.03	-0.41	0.34	0.34	0.59	4450000	2850000
48.736740530	12.433169660	-0.08	0.04	-0.15	0.31	0.31	0.53	4500000	2850000
48.719826870	13.112182690	-0.14	0.06	-0.05	0.28	0.29	0.49	4550000	2850000
48.698775560	13.790723780	-0.14	0.13	-0.14	0.26	0.26	0.45	4600000	2850000
48.673591760	14.468691060	-0.04	0.11	-0.33	0.25	0.26	0.44	4650000	2850000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
39.6724775 80	- 31.383 652210	3.08	-17.42	-1.44	0.32	0.32	0.55	950000	280000
39.9106471 20	- 30.863 785970	2.39	-13.56	-1.41	0.38	0.38	0.66	100000	280000
47.2917078 90	- 4.9244 03741	0.10	-0.08	-1.16	0.42	0.42	0.76	320000	280000
47.3800412 90	- 4.2735 24215	0.11	-0.11	-1.32	0.37	0.37	0.66	325000	280000
47.4644817 80	- 3.6206 85919	0.11	-0.19	-1.56	0.29	0.30	0.51	330000	280000
47.5450109 50	- 2.9659 65356	0.03	-0.25	-1.57	0.23	0.23	0.40	335000	280000
47.6216111 00	- 2.3094 41024	-0.05	-0.29	-1.28	0.28	0.28	0.47	340000	280000
47.6942652 50	- 1.6511 93351	-0.04	-0.37	-1.08	0.25	0.26	0.44	345000	280000
47.7629571 70	- 0.9913 04628	-0.01	-0.32	-1.00	0.24	0.24	0.42	350000	280000
47.8276714 20	- 0.3298 58937	-0.01	-0.19	-1.00	0.23	0.24	0.41	355000	280000
47.8883933 30	0.3330 57924	0.03	-0.14	-1.15	0.25	0.25	0.43	360000	280000
47.9451090 50	0.9973 58526	0.06	-0.12	-1.36	0.26	0.26	0.44	365000	280000
47.9978055 70	1.6629 53888	0.02	-0.17	-1.38	0.24	0.23	0.41	370000	280000
48.0464707 50	2.3297 53572	-0.04	-0.21	-1.23	0.26	0.26	0.44	375000	280000
48.0910932 70	2.9976 65769	-0.07	-0.16	-1.14	0.23	0.23	0.39	380000	280000
48.1316627 60	3.6665 97403	-0.09	-0.01	-1.01	0.25	0.25	0.44	385000	280000
48.1681697 10	4.3364 54224	-0.11	0.00	-0.89	0.27	0.27	0.48	390000	280000
48.2006055 30	5.0071 40911	-0.14	-0.09	-0.96	0.26	0.27	0.46	395000	280000
48.2289625 90	5.6785 61183	-0.13	-0.14	-1.35	0.27	0.28	0.47	400000	280000
48.2532341 60	6.3506 17903	-0.09	-0.18	-1.76	0.24	0.24	0.42	405000	280000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
48.273414500	7.023213187	-0.06	-0.20	-1.51	0.28	0.28	0.46	4100000	2800000
48.289498790	7.696248522	-0.03	-0.17	-1.05	0.25	0.25	0.42	4150000	2800000
48.301483200	8.369624874	0.05	-0.04	-0.63	0.25	0.25	0.44	4200000	2800000
48.309364890	9.043242809	0.17	0.01	-0.67	0.27	0.27	0.48	4250000	2800000
48.313141960	9.717002606	0.20	-0.03	-0.82	0.27	0.27	0.50	4300000	2800000
48.312813500	10.390804380	0.17	-0.01	-0.81	0.30	0.30	0.54	4350000	2800000
48.308379610	11.064548190	0.15	0.04	-0.74	0.26	0.26	0.48	4400000	2800000
48.299841340	11.738134160	0.11	0.02	-0.41	0.29	0.29	0.51	4450000	2800000
48.287200720	12.411462630	0.00	-0.01	-0.08	0.27	0.27	0.48	4500000	2800000
48.270460780	13.084434200	-0.10	0.12	-0.07	0.27	0.28	0.48	4550000	2800000
48.249625510	13.756949920	-0.10	0.23	-0.25	0.25	0.25	0.44	4600000	2800000
48.224699840	14.428911360	0.02	0.07	-0.45	0.24	0.24	0.44	4650000	2800000
48.195689710	15.100220770	0.07	-0.12	-0.69	0.26	0.26	0.48	4700000	2800000
48.162601960	15.770781120	0.03	0.00	-0.93	0.25	0.25	0.47	4750000	2800000
48.125444410	16.440496290	0.04	0.21	-1.03	0.25	0.26	0.48	4800000	2800000
48.084225770	17.109271120	0.17	0.19	-0.87	0.29	0.29	0.48	4850000	2800000
48.038955700	17.777011540	0.20	0.07	-0.64	0.25	0.25	0.41	4900000	2800000
47.989644730	18.443624670	0.03	-0.01	-0.54	0.26	0.26	0.44	4950000	2800000
47.936304290	19.109018910	-0.12	0.16	-0.78	0.28	0.28	0.47	5000000	2800000
47.878946690	19.773104050	-0.11	0.22	-1.17	0.27	0.27	0.45	5050000	2800000
47.817585050	20.435791360	-0.09	0.06	-1.44	0.25	0.25	0.41	5100000	2800000
47.752233370	21.096993660	-0.25	-0.18	-1.39	0.29	0.29	0.48	5150000	2800000
47.682906430	21.756625420	-0.44	-0.40	-1.27	0.25	0.25	0.43	5200000	2800000
47.609619810	22.414602840	-0.45	-0.39	-1.23	0.29	0.29	0.49	5250000	2800000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 70	- 2.2035 35044	-0.04	-0.18	-1.42	0.25	0.25	0.43	340000 0	275000 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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
47.8209960 30	13.057 305530	0.13	0.09	-0.27	0.22	0.22	0.39	455000 0	275000 0
47.8003718 00	13.723 929790	0.13	0.13	-0.59	0.27	0.28	0.47	460000 0	275000 0
47.7756983 40	14.390 018480	0.22	0.00	-0.89	0.27	0.27	0.48	465000 0	275000 0
47.7469813 50	15.055 477110	0.23	0.08	-0.98	0.31	0.31	0.54	470000 0	275000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
47.7142274 50	15.720 211890	0.23	0.28	-1.08	0.30	0.31	0.53	475000 0	275000 0
47.6774441 80	16.384 129870	0.23	0.37	-1.08	0.31	0.31	0.53	480000 0	275000 0
47.6366399 50	17.047 139030	0.24	0.29	-0.96	0.27	0.27	0.46	485000 0	275000 0
47.5918240 70	17.709 148380	0.15	0.14	-0.70	0.25	0.25	0.41	490000 0	275000 0
47.5430067 10	18.370 068050	-0.09	0.13	-0.49	0.26	0.26	0.42	495000 0	275000 0
47.4901989 20	19.029 809400	-0.27	0.30	-0.70	0.23	0.23	0.38	500000 0	275000 0
47.4334125 50	19.688 285080	-0.17	0.23	-1.29	0.24	0.24	0.40	505000 0	275000 0
47.3726603 00	20.345 409170	-0.08	0.07	-1.69	0.27	0.27	0.44	510000 0	275000 0
47.3079556 70	21.001 097220	-0.19	0.01	-1.57	0.25	0.26	0.43	515000 0	275000 0
47.2393129 40	21.655 266320	-0.43	-0.08	-1.15	0.26	0.27	0.48	520000 0	275000 0
47.1667471 60	22.307 835240	-0.52	-0.30	-0.96	0.31	0.31	0.53	525000 0	275000 0
47.0902741 30	22.958 724440	-0.56	-0.58	-1.03	0.24	0.24	0.40	530000 0	275000 0
47.0099103 60	23.607 856160	-0.82	-0.54	-0.96	0.28	0.28	0.46	535000 0	275000 0
46.9256730 60	24.255 154490	-1.07	-0.44	-0.98	0.27	0.27	0.45	540000 0	275000 0
46.8375801 50	24.900 545440	-0.96	-0.45	-1.17	0.29	0.29	0.50	545000 0	275000 0
46.7456501 70	25.543 956960	-0.77	-0.53	-1.29	0.25	0.25	0.49	550000 0	275000 0
46.6499023 00	26.185 319010	-0.66	-0.74	-0.96	0.26	0.26	0.48	555000 0	275000 0
46.5503563 30	26.824 563630	-0.67	-0.73	-0.64	0.23	0.23	0.40	560000 0	275000 0
46.4470326 30	27.461 624940	-0.34	-0.43	-0.87	0.28	0.28	0.46	565000 0	275000 0
46.3399521 30	28.096 439220	-0.07	-0.57	-1.07	0.29	0.29	0.48	570000 0	275000 0
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





#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
46.9594907 00	9.0679 67041	0.40	-0.16	0.76	0.28	0.28	0.48	425000 0	265000 0
46.9631553 20	9.7243 16661	0.40	-0.25	0.99	0.25	0.25	0.43	430000 0	265000 0
46.9628366 40	10.380 704170	0.37	-0.11	0.95	0.26	0.26	0.45	435000 0	265000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
46.9585347 50	11.037 039360	0.39	0.02	0.57	0.28	0.28	0.48	440000 0	265000 0
46.9502506 00	11.693 232070	0.37	-0.03	0.21	0.27	0.28	0.46	445000 0	265000 0
46.9379860 10	12.349 192330	0.28	-0.13	0.01	0.29	0.30	0.50	450000 0	265000 0
46.9217437 00	13.004 830400	0.33	-0.09	-0.11	0.29	0.29	0.49	455000 0	265000 0
46.9015272 40	13.660 056910	0.47	0.04	-0.40	0.27	0.27	0.46	460000 0	265000 0
46.8773411 00	14.314 782940	0.55	0.28	-0.84	0.25	0.26	0.44	465000 0	265000 0
46.8491905 80	14.968 920120	0.54	0.56	-1.03	0.27	0.28	0.46	470000 0	265000 0
46.8170818 60	15.622 380750	0.49	0.73	-1.01	0.26	0.26	0.43	475000 0	265000 0
46.7810219 40	16.275 077850	0.38	0.55	-0.92	0.25	0.25	0.44	480000 0	265000 0
46.7410186 80	16.926 925300	0.25	0.18	-0.96	0.25	0.25	0.42	485000 0	265000 0
46.6970807 50	17.577 837880	0.23	0.18	-0.99	0.26	0.26	0.44	490000 0	265000 0
46.6492176 50	18.227 731410	0.24	0.31	-0.92	0.29	0.29	0.47	495000 0	265000 0
46.5974396 50	18.876 522800	0.28	0.30	-1.01	0.23	0.23	0.39	500000 0	265000 0
46.5417578 30	19.524 130120	0.12	0.15	-1.50	0.29	0.29	0.48	505000 0	265000 0
46.4821840 30	20.170 472740	0.05	0.06	-2.16	0.27	0.28	0.45	510000 0	265000 0
46.4187308 50	20.815 471350	-0.06	0.04	-2.31	0.26	0.26	0.43	515000 0	265000 0
46.3514116 20	21.459 048040	-0.38	-0.05	-1.60	0.26	0.26	0.43	520000 0	265000 0
46.2802404 00	22.101 126400	-0.79	-0.24	-0.52	0.27	0.27	0.45	525000 0	265000 0
46.2052319 30	22.741 631550	-0.88	-0.35	-0.34	0.27	0.27	0.46	530000 0	265000 0
46.1264016 50	23.380 490250	-0.73	-0.42	-0.92	0.25	0.25	0.44	535000 0	265000 0
46.0437656 60	24.017 630900	-0.71	-0.47	-1.42	0.26	0.26	0.44	540000 0	265000 0
45.9573406 80	24.652 983650	-0.83	-0.52	-1.40	0.27	0.27	0.44	545000 0	265000 0
45.8671440 70	25.286 480410	-0.87	-0.51	-1.17	0.27	0.27	0.47	550000 0	265000 0
45.7731937 90	25.918 054920	-0.69	-0.41	-1.21	0.28	0.28	0.49	555000 0	265000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
45.6755083 40	26.547 642800	-0.57	-0.27	-1.36	0.30	0.30	0.52	560000 0	265000 0
45.5741068 20	27.175 181580	-0.47	-0.21	-1.33	0.28	0.28	0.49	565000 0	265000 0
45.4690088 20	27.800 610710	-0.38	-0.45	-1.20	0.31	0.31	0.52	570000 0	265000 0
45.3602344 50	28.423 871650	-0.41	-0.66	-1.12	0.29	0.29	0.50	575000 0	265000 0
45.2478043 00	29.044 907850	-0.58	-0.60	-1.51	0.22	0.22	0.40	580000 0	265000 0
45.1317394 30	29.663 664800	-0.98	-0.23	-2.08	0.19	0.19	0.40	585000 0	265000 0
45.0120613 00	30.280 090050	-0.71	-0.31	-1.66	0.36	0.36	0.65	590000 0	265000 0
42.2664350 50	40.929 696310	0.67	-0.25	-0.31	0.43	0.43	0.81	680000 0	265000 0
42.0825871 10	41.494 617890	0.80	-0.13	-0.17	0.43	0.43	0.80	685000 0	265000 0
41.8956098 80	42.056 591920	0.98	0.03	0.03	0.42	0.42	0.79	690000 0	265000 0
41.7055285 50	42.615 608130	1.25	0.24	0.24	0.41	0.40	0.76	695000 0	265000 0
41.5123682 60	43.171 658030	1.65	0.48	0.28	0.40	0.39	0.73	700000 0	265000 0
41.3161540 60	43.724 734840	2.13	0.71	0.07	0.41	0.40	0.74	705000 0	265000 0
41.1169109 30	44.274 833470	2.56	0.88	-0.13	0.41	0.41	0.75	710000 0	265000 0
40.9146637 50	44.821 950470	2.78	0.95	-0.27	0.41	0.41	0.76	715000 0	265000 0
40.7094372 70	45.366 083980	2.44	0.86	-0.40	0.42	0.42	0.79	720000 0	265000 0
40.5012560 90	45.907 233750	1.78	0.67	-0.51	0.43	0.43	0.82	725000 0	265000 0
40.2901446 80	46.445 401010	1.19	0.47	-0.58	0.44	0.44	0.85	730000 0	265000 0
38.6152719 10	- 29.267 109630	0.49	-3.44	-1.71	0.44	0.44	0.83	105000 0	260000 0
38.8414340 30	- 28.748 031870	0.29	-2.68	-1.99	0.44	0.44	0.81	110000 0	260000 0
39.0648101 40	- 28.226 074870	0.09	-2.10	-2.32	0.42	0.42	0.77	115000 0	260000 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	-	0.00	-0.22	-1.39	0.35	0.35	0.61	340000	260000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
00	1.8992 32383							0	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 50	11.028 268290	0.45	-0.06	0.52	0.24	0.25	0.41	440000 0	260000 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	12.979	0.69	-0.22	-0.08	0.21	0.21	0.37	455000	260000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
50	447340							0	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 00	26.413 468470	-0.57	-0.31	-1.45	0.33	0.33	0.56	560000 0	260000 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	28.275	-0.75	-0.36	-0.97	0.30	0.30	0.51	575000	260000





#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
00	997960							0	0
44.813707900	28.892601220	-0.59	-0.37	-1.38	0.23	0.24	0.43	580000	260000
44.698687940	29.506994170	-0.51	-0.45	-1.94	0.27	0.27	0.52	585000	260000
44.580081530	30.119125530	-0.50	-0.35	-1.67	0.38	0.38	0.68	590000	260000
41.675147110	41.266337350	1.12	-0.17	-0.33	0.42	0.42	0.78	685000	260000
41.489633020	41.825538550	1.37	0.05	0.00	0.41	0.41	0.76	690000	260000
41.301027280	42.381858170	1.77	0.34	0.43	0.36	0.35	0.68	695000	260000
41.109354410	42.935287270	2.41	0.73	0.57	0.31	0.30	0.59	700000	260000
40.914638840	43.485818570	3.16	1.11	0.16	0.35	0.35	0.61	705000	260000
40.716904930	44.033446450	3.85	1.37	-0.10	0.35	0.35	0.64	710000	260000
40.516176930	44.578166870	4.57	1.56	-0.22	0.33	0.33	0.62	715000	260000
40.312479020	45.119977370	3.72	1.36	-0.38	0.38	0.38	0.71	720000	260000
40.105835210	45.658877010	2.48	0.99	-0.52	0.42	0.42	0.79	725000	260000
39.896269400	46.194866350	1.56	0.65	-0.59	0.44	0.44	0.84	730000	260000
38.229248970	-29.009498380	0.27	-2.32	-1.76	0.44	0.44	0.83	105000	255000
38.453851270	-28.492194500	0.12	-2.05	-2.15	0.43	0.43	0.80	110000	255000
38.675672850	-27.972077430	-0.05	-1.93	-2.68	0.40	0.40	0.71	115000	255000
38.894691400	-27.449139480	-0.24	-1.97	-3.27	0.32	0.32	0.54	120000	255000
39.110884430	-26.923374180	-0.23	-1.63	-3.04	0.36	0.36	0.63	125000	255000
45.404130240	-1.802051264	0.00	-0.22	-1.33	0.37	0.37	0.64	340000	255000
45.473362190	-1.169818174	-0.07	-0.23	-1.36	0.27	0.27	0.47	345000	255000
45.538808240	-0.5361	-0.16	-0.18	-1.24	0.23	0.23	0.41	350000	255000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
	92112							0	0
45.600455350	0.098754779	-0.16	-0.30	-1.15	0.26	0.26	0.45	3550000	2550000
45.658291190	0.734949026	-0.14	-0.32	-1.11	0.26	0.26	0.46	3600000	2550000
45.712304080	1.372315889	-0.10	-0.20	-1.07	0.24	0.24	0.44	3650000	2550000
45.762483100	2.010779429	-0.06	-0.10	-1.02	0.28	0.28	0.49	3700000	2550000
45.808818010	2.650262578	-0.08	-0.05	-0.95	0.25	0.26	0.44	3750000	2550000
45.851299330	3.290687212	-0.10	-0.05	-1.00	0.24	0.24	0.42	3800000	2550000
45.889918330	3.931974227	-0.08	-0.06	-1.23	0.28	0.28	0.47	3850000	2550000
45.924667030	4.574043616	-0.09	-0.05	-1.35	0.24	0.24	0.42	3900000	2550000
45.955538240	5.216814549	-0.07	-0.10	-1.06	0.26	0.26	0.46	3950000	2550000
45.982525530	5.860205456	0.01	-0.24	-0.42	0.25	0.25	0.44	4000000	2550000
46.005623280	6.504134109	0.02	-0.40	0.37	0.25	0.25	0.44	4050000	2550000
46.024826670	7.148517708	-0.09	-0.47	0.96	0.24	0.24	0.40	4100000	2550000
46.040131660	7.793272966	-0.10	-0.42	1.04	0.28	0.28	0.45	4150000	2550000
46.051535050	8.438316203	0.04	-0.42	0.94	0.24	0.24	0.41	4200000	2550000
46.059034440	9.083563427	0.21	-0.39	0.69	0.24	0.24	0.41	4250000	2550000
46.062628260	9.728930427	0.28	-0.29	0.33	0.25	0.25	0.43	4300000	2550000
46.062315740	10.374332870	0.35	-0.19	0.07	0.25	0.25	0.44	4350000	2550000
46.058096960	11.019686370	0.55	-0.12	0.04	0.24	0.25	0.41	4400000	2550000
46.049972800	11.664906610	0.83	-0.11	-0.02	0.24	0.24	0.39	4450000	2550000
46.037944970	12.309909410	1.28	-0.23	-0.47	0.20	0.21	0.35	4500000	2550000
46.022016000	12.954610810	1.87	-0.46	-0.98	0.23	0.24	0.40	4550000	2550000
46.002189230	13.598927210	2.08	-0.45	-1.04	0.23	0.23	0.40	4600000	2550000
45.978468810	14.242775370	1.64	-0.10	-0.90	0.28	0.29	0.50	4650000	2550000
45.9508596	14.886	1.44	0.15	-0.88	0.31	0.31	0.52	4700000	2550000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
90	072590							0	0
45.9193676 30	15.528 736740	1.32	0.42	-1.05	0.35	0.35	0.59	475000 0	255000 0
45.8839991 80	16.170 686360	1.21	0.63	-1.07	0.34	0.34	0.57	480000 0	255000 0
45.8447616 50	16.811 840750	1.07	0.87	-0.93	0.25	0.25	0.44	485000 0	255000 0
45.8016631 50	17.452 120040	0.82	0.92	-0.85	0.24	0.24	0.40	490000 0	255000 0
45.7547125 20	18.091 445270	0.61	0.62	-0.93	0.24	0.24	0.40	495000 0	255000 0
45.7039193 80	18.729 738490	0.32	0.34	-1.06	0.23	0.23	0.38	500000 0	255000 0
45.6492940 60	19.366 922810	0.02	0.39	-1.38	0.29	0.29	0.48	505000 0	255000 0
45.5908476 20	20.002 922470	-0.28	0.34	-1.82	0.30	0.30	0.50	510000 0	255000 0
45.5285918 30	20.637 662930	-0.58	0.09	-2.02	0.24	0.24	0.41	515000 0	255000 0
45.4625391 40	21.271 070930	-0.72	-0.30	-1.71	0.27	0.27	0.48	520000 0	255000 0
45.3927027 00	21.903 074540	-0.98	-0.39	-1.00	0.31	0.31	0.54	525000 0	255000 0
45.3190962 90	22.533 603250	-1.18	-0.52	-0.64	0.33	0.33	0.57	530000 0	255000 0
45.2417343 50	23.162 587980	-1.26	-0.76	-0.73	0.24	0.24	0.47	535000 0	255000 0
45.1606319 40	23.789 961200	-1.12	-0.85	-1.03	0.26	0.26	0.47	540000 0	255000 0
45.0758047 00	24.415 656930	-1.24	-0.81	-0.88	0.24	0.25	0.44	545000 0	255000 0
44.9872689 00	25.039 610800	-1.37	-0.69	-0.61	0.28	0.28	0.49	550000 0	255000 0
44.8950413 40	25.661 760110	-1.05	-0.63	-1.00	0.25	0.26	0.45	555000 0	255000 0
44.7991393 80	26.282 043860	-0.64	-0.49	-1.48	0.29	0.29	0.50	560000 0	255000 0
44.6995808 80	26.900 402780	-0.61	-0.25	-1.50	0.29	0.29	0.49	565000 0	255000 0
44.5963842 40	27.516 779370	-0.90	-0.17	-1.16	0.24	0.24	0.40	570000 0	255000 0
44.4895683 10	28.131 117970	-1.13	-0.20	-0.77	0.25	0.25	0.45	575000 0	255000 0
44.3791524 10	28.743 364710	-0.72	-0.28	-1.08	0.20	0.21	0.39	580000 0	255000 0
44.2651563 10	29.353 467590	-0.42	-0.37	-1.46	0.34	0.34	0.60	585000 0	255000 0
41.4477257	40.482	1.39	-0.46	-0.80	0.38	0.38	0.72	680000	255000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
70	906400							0	0
41.266753190	41.042154090	1.54	-0.29	-0.54	0.39	0.39	0.73	6850000	2550000
41.082677550	41.598605310	1.84	0.01	-0.11	0.38	0.38	0.70	6900000	2550000
40.895522790	42.152249050	2.44	0.36	0.32	0.35	0.35	0.65	6950000	2550000
40.705312770	42.703075990	3.33	0.88	0.43	0.30	0.30	0.52	7000000	2550000
40.512071340	43.251078420	4.15	1.45	0.16	0.24	0.23	0.39	7050000	2550000
40.315822230	43.796250210	4.66	1.82	-0.10	0.29	0.29	0.54	7100000	2550000
40.116589140	44.338586800	5.79	2.29	-0.28	0.25	0.25	0.50	7150000	2550000
39.914395620	44.878085150	4.65	1.96	-0.48	0.36	0.36	0.66	7200000	2550000
39.709265130	45.414743710	3.04	1.35	-0.59	0.41	0.42	0.77	7250000	2550000
39.501220990	45.948562400	1.85	0.83	-0.62	0.44	0.44	0.83	7300000	2550000
37.841936460	-28.756047550	0.13	-1.61	-1.76	0.44	0.44	0.84	1050000	2500000
38.065001510	-28.240518430	0.02	-1.62	-2.17	0.43	0.43	0.80	1100000	2500000
38.285291310	-27.722240740	-0.13	-1.77	-2.75	0.40	0.40	0.70	1150000	2500000
38.502784050	-27.201207530	-0.32	-2.10	-3.48	0.29	0.29	0.48	1200000	2500000
38.717457730	-26.677413100	-0.28	-1.89	-3.24	0.34	0.34	0.58	1250000	2500000
43.961890140	-8.499978573	0.11	-0.21	-1.05	0.37	0.37	0.66	2850000	2500000
44.070758960	-7.891685370	0.06	-0.22	-0.75	0.35	0.36	0.63	2900000	2500000
44.176052040	-7.281371447	0.12	-0.23	-0.66	0.38	0.38	0.68	2950000	2500000
44.959862630	-1.706893822	0.02	-0.24	-1.25	0.34	0.35	0.60	3400000	2500000
45.028453790	-1.0795	-0.01	-0.25	-1.34	0.24	0.24	0.44	3450000	2500000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	56301								
45.0932922 20	- 0.4508 69717	-0.11	-0.18	-1.38	0.24	0.25	0.42	350000	250000
45.1543653 30	0.1790 95926	-0.13	-0.29	-1.39	0.24	0.24	0.43	355000	250000
45.2116611 80	0.8102 69358	-0.14	-0.24	-1.28	0.28	0.28	0.49	360000	250000
45.2651684 80	1.4425 78104	-0.13	-0.10	-1.14	0.25	0.25	0.45	365000	250000
45.3148766 70	2.0759 48546	-0.06	-0.01	-1.08	0.25	0.25	0.45	370000	250000
45.3607758 60	2.7103 05993	-0.07	-0.05	-1.08	0.25	0.25	0.44	375000	250000
45.4028568 90	3.3455 74751	-0.11	-0.12	-1.13	0.26	0.26	0.45	380000	250000
45.4411113 00	3.9816 78193	-0.13	-0.13	-1.21	0.26	0.26	0.44	385000	250000
45.4755314 00	4.6185 38832	-0.12	-0.15	-1.20	0.26	0.26	0.45	390000	250000
45.5061102 40	5.2560 78400	-0.13	-0.23	-0.84	0.27	0.27	0.46	395000	250000
45.5328416 00	5.8942 17926	-0.15	-0.34	-0.13	0.24	0.24	0.42	400000	250000
45.5557200 50	6.5328 77814	-0.22	-0.37	0.52	0.26	0.26	0.45	405000	250000
45.5747409 40	7.1719 77922	-0.33	-0.39	0.78	0.25	0.25	0.42	410000	250000
45.5899003 60	7.8114 37649	-0.26	-0.42	0.55	0.25	0.25	0.42	415000	250000
45.6011952 20	8.4511 76018	0.01	-0.44	0.22	0.24	0.24	0.41	420000	250000
45.6086232 10	9.0911 11756	0.29	-0.28	-0.22	0.23	0.24	0.40	425000	250000
45.6121828 00	9.7311 63385	0.39	-0.09	-0.73	0.21	0.22	0.38	430000	250000
45.6118732 60	10.371 249300	0.57	-0.09	-0.90	0.25	0.25	0.43	435000	250000
45.6076946 60	11.011 287870	0.84	-0.18	-0.76	0.22	0.22	0.37	440000	250000
45.5996478 50	11.651 197500	1.15	-0.17	-0.76	0.22	0.23	0.38	445000	250000
45.5877344 80	12.290 896740	1.64	-0.27	-1.66	0.21	0.21	0.36	450000	250000
45.5719569 90	12.930 304360	2.17	-0.40	-2.15	0.27	0.27	0.45	455000	250000
45.5523186 20	13.569 339440	2.31	-0.39	-2.02	0.24	0.26	0.45	460000	250000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
45.528823370	14.207921440	1.97	-0.13	-1.51	0.28	0.31	0.54	4650000	2500000
45.501476020	14.845970310	1.83	0.15	-1.30	0.34	0.35	0.62	4700000	2500000
45.470282150	15.483406540	1.89	0.47	-1.40	0.35	0.35	0.65	4750000	2500000
45.435248070	16.120151260	1.88	0.78	-1.49	0.35	0.34	0.64	4800000	2500000
45.396380860	16.756126340	1.59	0.90	-1.37	0.34	0.34	0.60	4850000	2500000
45.353688340	17.391254420	1.19	0.85	-1.23	0.30	0.29	0.52	4900000	2500000
45.307179080	18.025459000	0.89	0.71	-1.36	0.30	0.29	0.51	4950000	2500000
45.256862350	18.658664570	0.59	0.63	-1.60	0.30	0.30	0.51	5000000	2500000
45.202748150	19.290796580	0.17	0.73	-1.72	0.26	0.26	0.46	5050000	2500000
45.144847170	19.921781610	-0.28	0.69	-1.70	0.27	0.27	0.45	5100000	2500000
45.083170780	20.551547360	-0.59	0.40	-1.65	0.27	0.27	0.46	5150000	2500000
45.017731050	21.180022760	-0.78	0.13	-1.43	0.27	0.27	0.47	5200000	2500000
44.948540660	21.807138020	-1.06	-0.07	-1.01	0.29	0.29	0.49	5250000	2500000
44.875612970	22.432824690	-1.43	-0.61	-0.80	0.31	0.31	0.53	5300000	2500000
44.798961930	23.057015680	-1.56	-0.98	-0.88	0.29	0.29	0.50	5350000	2500000
44.718602110	23.679645380	-1.42	-0.92	-1.01	0.30	0.30	0.52	5400000	2500000
44.634548670	24.300649660	-1.41	-0.67	-0.76	0.28	0.29	0.48	5450000	2500000
44.546817320	24.919965930	-1.47	-0.62	-0.38	0.27	0.28	0.47	5500000	2500000
44.455424350	25.537533180	-1.17	-0.70	-0.68	0.28	0.29	0.49	5550000	2500000
44.360386550	26.153292020	-0.80	-0.70	-1.23	0.22	0.23	0.42	5600000	2500000
44.261721240	26.767184740	-0.67	-0.27	-1.36	0.25	0.25	0.43	5650000	2500000
44.159446210	27.379155310	-0.88	-0.16	-1.06	0.21	0.21	0.36	5700000	2500000
44.053579750	27.989149420	-0.89	-0.23	-0.85	0.29	0.29	0.49	5750000	2500000
43.944140570	28.597114530	-0.49	-0.45	-1.09	0.21	0.21	0.41	5800000	2500000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 80	- 7.7532 28023	0.05	-0.28	-0.69	0.20	0.22	0.39	290000 0	245000 0
43.7385523 70	- 7.1471 92537	0.19	-0.36	-0.64	0.30	0.30	0.50	295000 0	245000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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





#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
43.5897131 70	- 5.1992 87565	0.32	-0.04	-0.81	0.27	0.27	0.45	310000 0	240000 0
43.6789126	-	0.17	-0.08	-1.11	0.32	0.32	0.53	315000	240000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
60	4.5903 66632							0	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 10	7.2174 23650	-0.22	0.03	0.01	0.27	0.27	0.48	410000 0	240000 0
44.6890246 70	7.8466 24514	-0.08	0.09	-0.31	0.25	0.25	0.43	415000 0	240000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
44.7001095 50	8.4760 86449	0.16	-0.02	-0.57	0.25	0.26	0.43	420000 0	240000 0
44.7073993 80	9.1057 33302	0.35	-0.03	-0.74	0.24	0.25	0.42	425000 0	240000 0
44.7108927 50	9.7354 88731	0.64	0.12	-1.00	0.27	0.28	0.47	430000 0	240000 0
44.7105889 70	10.365 276280	1.35	0.28	-1.18	0.23	0.24	0.41	435000 0	240000 0
44.7064881 00	10.995 019480	2.17	0.35	-1.45	0.25	0.26	0.43	440000 0	240000 0
44.6985909 50	11.624 641870	2.46	0.46	-2.18	0.23	0.23	0.39	445000 0	240000 0
44.6868990 50	12.254 067140	2.11	0.50	-2.97	0.24	0.25	0.44	450000 0	240000 0
44.6714146 80	12.883 219190	2.24	0.46	-2.43	0.34	0.34	0.59	455000 0	240000 0
44.6521408 50	13.512 022150	2.29	0.43	-1.94	0.37	0.38	0.65	460000 0	240000 0
44.6290813 30	14.140 400560	2.26	0.40	-1.58	0.39	0.39	0.67	465000 0	240000 0
44.6022405 70	14.768 279360	2.30	0.41	-1.44	0.37	0.37	0.65	470000 0	240000 0
44.5716237 70	15.395 583980	2.39	0.51	-1.49	0.36	0.35	0.62	475000 0	240000 0
44.5372368 40	16.022 240460	2.35	0.74	-1.63	0.37	0.37	0.66	480000 0	240000 0
44.4990864 00	16.648 175460	2.24	0.98	-1.80	0.37	0.37	0.68	485000 0	240000 0
44.4571797 50	17.273 316370	2.04	1.15	-2.04	0.35	0.34	0.64	490000 0	240000 0
44.4115248 90	17.897 591380	1.67	1.13	-2.36	0.31	0.31	0.60	495000 0	240000 0
44.3621305 10	18.520 929510	1.48	1.18	-2.63	0.28	0.28	0.56	500000 0	240000 0
44.3090059 40	19.143 260720	1.03	1.04	-2.37	0.29	0.29	0.53	505000 0	240000 0
44.2521612 00	19.764 515940	0.44	0.90	-1.90	0.24	0.24	0.43	510000 0	240000 0
44.1916069 20	20.384 627170	-0.25	0.96	-1.16	0.26	0.26	0.46	515000 0	240000 0
44.1273543 80	21.003 527470	-0.73	1.21	-0.47	0.24	0.24	0.43	520000 0	240000 0
44.0594154 60	21.621 151100	-1.14	0.85	-0.28	0.30	0.30	0.50	525000 0	240000 0
43.9878026 70	22.237 433500	-1.54	0.28	-0.40	0.25	0.25	0.42	530000 0	240000 0
43.9125290 60	22.852 311410	-1.85	-0.44	-0.85	0.24	0.24	0.42	535000 0	240000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
40.386579200	39.288843680	1.45	-0.72	-0.54	0.31	0.31	0.59	6750000	2400000
40.212824850	39.842344030	1.50	-0.53	-0.46	0.31	0.31	0.60	6800000	2400000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40.0359847 90	40.393 272330	1.87	-0.40	-0.12	0.33	0.33	0.61	685000 0	240000 0
39.8560811 60	40.941 615270	2.75	-0.47	0.49	0.29	0.29	0.51	690000 0	240000 0
39.6731360 70	41.487 361060	3.95	-0.41	0.56	0.30	0.30	0.51	695000 0	240000 0
39.4871716 50	42.030 499410	4.29	-0.15	0.32	0.34	0.35	0.61	700000 0	240000 0
39.2982099 90	42.571 021540	3.47	0.21	0.35	0.37	0.37	0.63	705000 0	240000 0
39.1062731 20	43.108 920120	3.35	0.65	0.16	0.38	0.38	0.64	710000 0	240000 0
38.9113830 10	43.644 189260	3.86	1.04	-0.17	0.37	0.37	0.60	715000 0	240000 0
38.7135615 60	44.176 824490	16.21	-4.14	-0.44	0.41	0.33	0.59	720000 0	240000 0
38.5128305 80	44.706 822690	16.99	-5.17	-0.47	0.49	0.40	0.69	725000 0	240000 0
38.3092117 70	45.234 182110	17.31	-5.63	-0.49	0.54	0.43	0.77	730000 0	240000 0
38.1027267 30	45.758 902330	17.62	-5.74	-0.51	0.58	0.44	0.82	735000 0	240000 0
37.8933969 00	46.280 984210	18.02	-5.68	-0.55	0.61	0.45	0.85	740000 0	240000 0
37.5301622 30	- 25.963 645570	-0.25	-3.27	-2.38	0.33	0.33	0.55	125000 0	235000 0
37.7375936 70	- 25.443 158470	-0.14	-3.17	-2.55	0.18	0.19	0.30	130000 0	235000 0
37.9421848 00	- 24.920 095640	-0.09	-1.90	-2.21	0.34	0.34	0.58	135000 0	235000 0
42.4311302 60	- 9.2663 09345	0.01	-0.46	-1.05	0.34	0.34	0.59	275000 0	235000 0
42.5441369 30	- 8.6742 87748	0.09	-0.58	-1.05	0.25	0.25	0.42	280000 0	235000 0
42.6536824 60	- 8.0803 26811	0.34	-0.57	-1.14	0.21	0.23	0.39	285000 0	235000 0
42.7597490 70	- 7.4844 72476	0.17	-0.36	-1.12	0.27	0.27	0.46	290000 0	235000 0
42.8623193 90	- 6.8867 72257	-0.10	-0.38	-1.10	0.27	0.27	0.46	295000 0	235000 0
42.9613764 30	- 6.2872	-0.16	-0.52	-1.01	0.23	0.23	0.38	300000 0	235000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	75223								
43.0569036 40	- 5.6860 31974	0.19	-0.46	-0.81	0.23	0.24	0.40	305000 0	235000 0
43.1488848 90	- 5.0830 94614	0.31	-0.37	-0.79	0.23	0.23	0.39	310000 0	235000 0
43.2373045 20	- 4.4785 16722	0.21	-0.29	-1.12	0.21	0.21	0.36	315000 0	235000 0
43.3221473 40	- 3.8723 53320	0.07	-0.32	-1.50	0.20	0.20	0.32	320000 0	235000 0
43.4033986 50	- 3.2646 60842	-0.05	-0.34	-1.49	0.23	0.23	0.39	325000 0	235000 0
43.4810442 60	- 2.6554 97091	-0.08	-0.27	-1.38	0.29	0.29	0.48	330000 0	235000 0
43.5550705 10	- 2.0449 21204	-0.05	-0.17	-1.28	0.29	0.29	0.48	335000 0	235000 0
43.6254642 80	- 1.4329 93611	-0.09	-0.07	-1.02	0.27	0.27	0.45	340000 0	235000 0
43.6922129 80	- 0.8197 75985	-0.14	-0.01	-0.81	0.23	0.23	0.40	345000 0	235000 0
43.7553046 40	- 0.2053 31199	-0.03	-0.10	-0.96	0.23	0.23	0.40	350000 0	235000 0
43.8147278 30	0.4102 76725	0.01	-0.20	-1.18	0.26	0.26	0.46	355000 0	235000 0
43.8704717 50	1.0269 82669	-0.03	-0.20	-1.31	0.26	0.25	0.45	360000 0	235000 0
43.9225262 00	1.6447 20471	-0.02	-0.22	-1.28	0.28	0.28	0.47	365000 0	235000 0
43.9708815 90	2.2634 22985	-0.01	-0.30	-1.09	0.27	0.27	0.46	370000 0	235000 0
44.0155290 00	2.8830 22134	-0.05	-0.32	-0.85	0.26	0.26	0.45	375000 0	235000 0
44.0564601 30	3.5034 48979	-0.11	-0.22	-0.75	0.25	0.25	0.42	380000 0	235000 0
44.0936673 50	4.1246 33773	-0.12	-0.15	-0.93	0.24	0.24	0.41	385000 0	235000 0
44.1271437 00	4.7465 06031	-0.14	-0.22	-1.06	0.25	0.25	0.44	390000 0	235000 0
44.1568828 90	5.3689 94594	-0.21	-0.29	-0.83	0.27	0.26	0.47	395000 0	235000 0
44.1828793	5.9920	-0.23	-0.22	-0.44	0.27	0.26	0.49	400000	235000





#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
20	27694							0	0
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
43.745456210	20.303722210	-0.25	0.80	-0.95	0.26	0.26	0.46	5150000	2350000
43.6817786	20.917	-0.80	1.07	-0.38	0.29	0.29	0.50	5200000	2350000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40	974920							0	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
40.4705178 40	37.418 640970	5.14	-12.01	-0.70	0.29	0.42	0.59	660000 0	235000 0
40.3074260	37.976	5.54	-12.47	-0.43	0.30	0.44	0.56	665000	235000

#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
60	774110							0	0
40.141197780	38.532451430	5.88	-13.14	-0.40	0.29	0.44	0.56	670000	235000
39.971854460	39.085654860	5.64	-13.19	-0.55	0.29	0.44	0.58	675000	235000
39.799417610	39.636367880	4.85	-12.53	-0.71	0.34	0.46	0.62	680000	235000
39.623908770	40.184575510	12.16	-8.73	-0.41	0.39	0.43	0.65	685000	235000
39.445349500	40.730264250	12.78	-8.76	0.05	0.40	0.44	0.63	690000	235000
39.263761370	41.273422140	13.46	-8.28	0.16	0.42	0.44	0.62	695000	235000
39.079165930	41.814038650	14.03	-7.40	0.08	0.42	0.43	0.64	700000	235000
38.891584720	42.352104700	14.49	-6.34	0.07	0.40	0.40	0.68	705000	235000
38.701039220	42.887612660	15.13	-5.47	-0.04	0.42	0.40	0.68	710000	235000
38.507550870	43.420556260	15.90	-4.66	-0.19	0.41	0.37	0.63	715000	235000
38.311141040	43.950930620	16.99	-4.52	-0.26	0.38	0.29	0.51	720000	235000
38.111831000	44.478732210	17.28	-5.13	-0.29	0.44	0.35	0.60	725000	235000
37.909641950	45.003958800	17.06	-5.38	-0.35	0.51	0.40	0.74	730000	235000
37.704594970	45.526609470	17.30	-5.44	-0.42	0.56	0.43	0.81	735000	235000
37.496711010	46.046684550	17.75	-5.38	-0.50	0.59	0.44	0.84	740000	235000
37.132112980	-25.733499710	-0.34	-3.17	-2.12	0.35	0.36	0.61	125000	230000
37.338121670	-25.215020840	-0.36	-3.38	-2.23	0.30	0.31	0.50	130000	230000
37.541298030	-24.694027580	-0.21	-2.23	-2.02	0.36	0.37	0.63	135000	230000
41.996036550	-9.124017126	-0.01	-0.58	-1.15	0.31	0.32	0.54	275000	230000
42.108096130	-8.535889443	0.07	-0.66	-1.24	0.24	0.24	0.40	280000	230000
42.216719150	-7.945878839	0.23	-0.54	-1.32	0.22	0.23	0.39	285000	230000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 00	2.9382 40236	-0.18	-0.19	-0.78	0.23	0.23	0.40	375000 0	230000 0
43.6072853 20	3.5539 18695	-0.15	-0.12	-0.97	0.24	0.24	0.40	380000 0	230000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
43.644158250	4.170331476	-0.10	-0.22	-1.37	0.22	0.22	0.38	3850000	2300000
43.677333350	4.787410254	-0.06	-0.34	-1.54	0.25	0.24	0.42	3900000	2300000
43.706804540	5.405086061	-0.11	-0.25	-1.14	0.25	0.25	0.43	3950000	2300000
43.732566410	6.023289351	-0.10	-0.08	-0.72	0.24	0.24	0.42	4000000	2300000
43.754614210	6.641950068	-0.06	-0.09	-0.81	0.25	0.26	0.43	4050000	2300000
43.772943850	7.260997709	-0.16	-0.20	-0.95	0.20	0.21	0.35	4100000	2300000
43.787551950	7.880361394	-0.20	-0.18	-0.82	0.29	0.29	0.50	4150000	2300000
43.798435800	8.499969934	-0.08	-0.14	-0.85	0.34	0.34	0.58	4200000	2300000
43.805593380	9.119751898	0.00	-0.11	-1.04	0.34	0.35	0.58	4250000	2300000
43.809023350	9.739635689	0.12	-0.05	-1.33	0.29	0.30	0.51	4300000	2300000
43.808725090	10.359549610	0.49	-0.03	-1.26	0.25	0.26	0.44	4350000	2300000
43.804698640	10.979421920	1.32	-0.08	-0.42	0.21	0.22	0.38	4400000	2300000
43.796944750	11.599180950	2.07	-0.01	-0.14	0.26	0.27	0.45	4450000	2300000
43.785464860	12.218755100	2.67	0.45	-0.30	0.26	0.27	0.44	4500000	2300000
43.770261110	12.838073000	3.46	1.11	-0.33	0.22	0.23	0.38	4550000	2300000
43.751336320	13.457063480	3.69	1.27	-0.21	0.26	0.27	0.45	4600000	2300000
43.728693980	14.075655740	3.10	1.08	-0.48	0.35	0.35	0.60	4650000	2300000
43.702338280	14.693779330	2.71	0.81	-0.76	0.36	0.37	0.62	4700000	2300000
43.672274080	15.311364270	2.54	0.64	-0.94	0.35	0.35	0.60	4750000	2300000
43.638506900	15.928341110	2.41	0.62	-1.04	0.35	0.35	0.62	4800000	2300000
43.601042930	16.544640970	2.43	0.71	-1.19	0.28	0.28	0.57	4850000	2300000
43.559889010	17.160195640	2.30	0.99	-1.67	0.33	0.33	0.63	4900000	2300000
43.515052620	17.774937620	2.04	0.89	-1.97	0.34	0.34	0.63	4950000	2300000
43.466541890	18.388800190	1.58	0.58	-1.91	0.35	0.35	0.62	5000000	2300000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
43.4143655 60	19.001 717440	1.06	0.33	-1.60	0.34	0.34	0.60	505000 0	230000 0
43.3585329 90	19.613 624390	0.43	0.07	-1.10	0.21	0.22	0.45	510000 0	230000 0
43.2990541 60	20.224 456980	-0.25	0.58	-0.89	0.27	0.28	0.50	515000 0	230000 0
43.2359396 10	20.834 152170	-0.93	0.84	-0.64	0.28	0.28	0.50	520000 0	230000 0
43.1692005 00	21.442 647970	-1.51	0.68	-0.52	0.27	0.27	0.48	525000 0	230000 0
43.0988485 10	22.049 883490	-1.79	0.43	-0.88	0.27	0.28	0.48	530000 0	230000 0
43.0248959 10	22.655 798990	-1.86	0.48	-1.40	0.24	0.24	0.42	535000 0	230000 0
42.9473554 90	23.260 335940	-1.88	0.29	-1.17	0.26	0.26	0.45	540000 0	230000 0
42.8662405 60	23.863 437030	-1.84	-0.18	-0.63	0.24	0.24	0.42	545000 0	230000 0
42.7815649 60	24.465 046240	-1.71	-0.22	-0.66	0.23	0.23	0.40	550000 0	230000 0
42.6933429 90	25.065 108880	-1.43	0.22	-0.84	0.26	0.26	0.43	555000 0	230000 0
42.6015894 40	25.663 571590	-1.14	0.15	-0.72	0.26	0.26	0.44	560000 0	230000 0
42.5063195 80	26.260 382400	-1.05	-0.23	-0.53	0.27	0.27	0.47	565000 0	230000 0
42.4075490 90	26.855 490770	-0.96	0.03	-0.47	0.29	0.29	0.51	570000 0	230000 0
42.3052941 00	27.448 847600	-1.10	0.13	-0.47	0.23	0.23	0.46	575000 0	230000 0
42.1995711 20	28.040 405240	-1.43	-0.69	-0.54	0.23	0.23	0.56	580000 0	230000 0
42.0903970 80	28.630 117550	-1.22	-0.77	-0.62	0.36	0.36	0.68	585000 0	230000 0
41.6195413 50	30.969 643930	-0.60	-1.85	-0.82	0.41	0.41	0.74	605000 0	230000 0
41.4933781 90	31.549 490950	-0.27	-1.81	-0.71	0.40	0.40	0.71	610000 0	230000 0
41.3638726 90	32.127 248080	0.16	-1.77	-0.62	0.35	0.35	0.60	615000 0	230000 0
41.2310439 80	32.702 880040	0.56	-2.16	-0.58	0.10	0.10	0.27	620000 0	230000 0
41.0949114 70	33.276 353150	0.65	-1.72	-0.54	0.34	0.35	0.55	625000 0	230000 0
40.9554947 70	33.847 635330	1.47	-19.84	-0.50	0.35	0.36	0.55	630000 0	230000 0
40.8128137 20	34.416 696060	2.54	-19.46	-0.62	0.36	0.36	0.59	635000 0	230000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40.6668883 40	34.983 506420	3.52	-18.73	-0.77	0.29	0.28	0.52	640000 0	230000 0
40.5177388 50	35.548 039080	4.92	-20.02	-0.80	0.29	0.30	0.54	645000 0	230000 0
40.3653855 90	36.110 268280	5.91	-19.79	-0.66	0.30	0.31	0.55	650000 0	230000 0
40.2098490 50	36.670 169800	6.51	-18.68	-0.43	0.28	0.29	0.53	655000 0	230000 0
40.0511498 70	37.227 721020	7.20	-18.35	-0.34	0.30	0.30	0.55	660000 0	230000 0
39.8893087 70	37.782 900820	8.42	-17.87	-0.42	0.32	0.33	0.59	665000 0	230000 0
39.7243465 50	38.335 689660	9.62	-17.63	-0.63	0.31	0.31	0.58	670000 0	230000 0
39.5562841 10	38.886 069470	5.30	-13.05	-0.94	0.31	0.45	0.59	675000 0	230000 0
39.3851423 80	39.434 023720	4.12	-12.46	-1.22	0.30	0.44	0.58	680000 0	230000 0
39.2109423 60	39.979 537340	11.37	-8.39	-0.83	0.33	0.36	0.61	685000 0	230000 0
39.0337050 40	40.522 596730	12.28	-9.14	-0.15	0.33	0.35	0.62	690000 0	230000 0
38.8534514 40	41.063 189740	13.22	-8.32	0.07	0.38	0.40	0.65	695000 0	230000 0
38.6702025 70	41.601 305660	13.84	-7.20	0.07	0.39	0.39	0.66	700000 0	230000 0
38.4839794 20	42.136 935150	14.18	-5.91	-0.02	0.34	0.33	0.67	705000 0	230000 0
38.2948029 50	42.670 070280	14.97	-5.20	-0.12	0.39	0.35	0.68	710000 0	230000 0
38.1026940 70	43.200 704470	15.96	-4.66	-0.24	0.39	0.32	0.63	715000 0	230000 0
37.9076736 10	43.728 832480	17.06	-5.01	-0.17	0.38	0.30	0.54	720000 0	230000 0
37.7097623 60	44.254 450360	16.90	-5.20	-0.17	0.42	0.33	0.60	725000 0	230000 0
37.5089809 90	44.777 555470	16.35	-5.19	-0.21	0.46	0.36	0.71	730000 0	230000 0
37.3053500 90	45.298 146410	16.87	-5.18	-0.35	0.53	0.42	0.79	735000 0	230000 0
37.0988901 10	45.816 223040	17.48	-5.09	-0.46	0.58	0.44	0.84	740000 0	230000 0
36.7329471 90	- 25.507 115970	-0.40	-2.90	-1.84	0.35	0.37	0.62	125000 0	225000 0
36.9375546 80	- 24.990 636010	-0.55	-3.72	-1.95	0.23	0.27	0.42	130000 0	225000 0
37.1393379	-	-0.30	-2.27	-1.76	0.38	0.39	0.67	135000	225000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
20	24.471 701580							0	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
42.8620723 00	- 0.0498 46022	-0.28	-0.07	-0.56	0.26	0.26	0.43	350000 0	225000 0
42.9204522	0.5566	-0.19	-0.11	-0.55	0.24	0.24	0.41	355000	225000





#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
80	52848							0	0
42.9752151 00	1.1641 83311	-0.13	-0.14	-0.62	0.22	0.22	0.38	360000	225000
43.0263512 20	1.7726 83050	-0.14	-0.15	-0.76	0.24	0.24	0.42	365000	225000
43.0738516 70	2.3820 88854	-0.16	-0.09	-0.75	0.24	0.24	0.41	370000	225000
43.1177080 80	2.9923 36667	-0.16	-0.05	-0.80	0.25	0.25	0.43	375000	225000
43.1579126 90	3.6033 61645	-0.10	-0.09	-1.13	0.27	0.27	0.46	380000	225000
43.1944583 60	4.2150 98216	-0.04	-0.22	-1.48	0.31	0.31	0.53	385000	225000
43.2273385 60	4.8274 80134	0.02	-0.31	-1.68	0.28	0.28	0.48	390000	225000
43.2565474 20	5.4404 40541	-0.06	-0.21	-1.39	0.17	0.19	0.35	395000	225000
43.2820796 90	6.0539 12030	-0.17	-0.14	-0.98	0.25	0.26	0.44	400000	225000
43.3039307 80	6.6678 26705	-0.09	-0.21	-1.08	0.23	0.23	0.40	405000	225000
43.3220967 50	7.2821 16246	-0.08	-0.25	-1.15	0.31	0.31	0.52	410000	225000
43.3365743 10	7.8967 11974	-0.09	-0.24	-1.04	0.36	0.36	0.61	415000	225000
43.3544543 90	9.1265 45865	0.05	-0.20	-1.10	0.35	0.35	0.60	425000	225000
43.3578536 80	9.7416 45461	0.10	-0.27	-1.35	0.29	0.30	0.51	430000	225000
43.3575580 80	10.356 774240	0.28	-0.49	-1.20	0.30	0.30	0.51	435000	225000
43.3535676 50	10.971 862720	0.66	-0.76	-0.61	0.27	0.27	0.46	440000	225000
43.3458831 20	11.586 841450	1.24	-0.84	-0.04	0.26	0.27	0.46	445000	225000
43.3345058 70	12.201 641080	1.85	-0.40	0.08	0.20	0.21	0.35	450000	225000
43.3194379 80	12.816 192440	2.91	0.68	0.10	0.22	0.23	0.39	455000	225000
43.3006821 50	13.430 426610	3.69	1.47	0.21	0.22	0.23	0.40	460000	225000
43.2782417 90	14.044 274960	3.20	1.43	-0.20	0.31	0.32	0.54	465000	225000
43.2223243 00	15.270 541590	2.47	0.84	-0.78	0.39	0.39	0.68	475000	225000
43.1888572 10	15.882 824730	2.38	0.69	-0.92	0.38	0.38	0.68	480000	225000
43.1517256	16.494	2.38	0.69	-1.14	0.35	0.35	0.65	485000	225000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
60	451880							0	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
41.3088542 90	30.240 099730	-1.19	-2.62	-0.91	0.37	0.37	0.64	600000 0	225000 0
41.1870541	30.818	-1.09	-3.03	-0.86	0.37	0.37	0.66	605000	225000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
70	348320							0	0
41.0619148 00	31.394 602020	-0.64	-2.60	-0.61	0.39	0.39	0.67	610000 0	225000 0
40.9334545 10	31.968 824700	-0.15	-2.08	-0.46	0.38	0.38	0.63	615000 0	225000 0
40.8016919 10	32.540 981760	-1.57	-21.07	-0.47	0.35	0.36	0.55	620000 0	225000 0
40.6666458 40	33.111 040120	-0.45	-20.39	-0.37	0.33	0.33	0.54	625000 0	225000 0
40.5283353 60	33.678 968210	0.88	-19.47	-0.09	0.21	0.22	0.38	630000 0	225000 0
40.3867797 50	34.244 736020	2.11	-19.66	-0.29	0.29	0.30	0.51	635000 0	225000 0
40.2419984 60	34.808 315050	3.27	-19.35	-0.54	0.30	0.30	0.54	640000 0	225000 0
40.0940111 50	35.369 678320	4.58	-19.57	-0.71	0.34	0.34	0.58	645000 0	225000 0
39.9428376 00	35.928 800380	5.71	-19.58	-0.62	0.31	0.31	0.54	650000 0	225000 0
39.7884977 60	36.485 657280	6.42	-19.07	-0.37	0.31	0.32	0.53	655000 0	225000 0
39.6310116 80	37.040 226580	7.15	-18.63	-0.16	0.23	0.24	0.44	660000 0	225000 0
39.4703995 20	37.592 487340	8.21	-17.39	-0.63	0.33	0.34	0.60	665000 0	225000 0
39.3066815 60	38.142 420080	9.17	-16.41	-1.09	0.26	0.28	0.55	670000 0	225000 0
39.1398781 10	38.690 006810	9.75	-16.01	-1.43	0.28	0.28	0.54	675000 0	225000 0
38.9700095 80	39.235 230980	9.82	-15.42	-1.41	0.29	0.29	0.56	680000 0	225000 0
38.7970964 00	39.778 077480	10.96	-15.55	-0.84	0.31	0.31	0.61	685000 0	225000 0
38.6211590 30	40.318 532620	12.68	-8.70	-0.12	0.34	0.35	0.62	690000 0	225000 0
38.4422179 50	40.856 584110	13.40	-8.02	0.19	0.37	0.37	0.66	695000 0	225000 0
38.2602936 50	41.392 221070	13.85	-7.05	0.26	0.36	0.36	0.66	700000 0	225000 0
38.0754065 80	41.925 433940	14.18	-6.16	0.14	0.34	0.31	0.66	705000 0	225000 0
37.8875771 80	42.456 214530	14.87	-5.43	-0.01	0.39	0.36	0.70	710000 0	225000 0
37.6968258 40	42.984 555970	15.65	-5.00	-0.14	0.42	0.36	0.70	715000 0	225000 0
37.5031729 00	43.510 452690	16.21	-5.07	-0.16	0.44	0.38	0.70	720000 0	225000 0
37.3066386	44.033	16.14	-5.10	-0.15	0.45	0.38	0.71	725000	225000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
30	900380							0	0
37.107243220	44.554896010	15.88	-5.01	-0.17	0.45	0.36	0.73	730000	225000
36.905006760	45.073437750	16.63	-4.95	-0.33	0.52	0.42	0.80	735000	225000
36.699949230	45.589525000	17.30	-4.81	-0.45	0.57	0.45	0.84	740000	225000
36.332679160	-25.284421370	-0.29	-1.98	-1.54	0.40	0.41	0.73	125000	220000
36.535906680	-24.769930350	-0.33	-2.23	-1.58	0.38	0.39	0.69	130000	220000
41.010814210	-9.426266659	-0.05	-0.57	-1.14	0.38	0.38	0.68	270000	220000
41.124406080	-8.847552893	-0.04	-0.76	-1.20	0.28	0.28	0.50	275000	220000
41.234626010	-8.267021931	0.02	-0.78	-1.16	0.27	0.28	0.47	280000	220000
41.341457430	-7.684715176	0.13	-0.67	-1.07	0.28	0.28	0.47	285000	220000
41.444884120	-7.100675438	0.24	-0.65	-1.20	0.24	0.25	0.41	290000	220000
41.544890240	-6.514946913	0.26	-0.67	-1.31	0.25	0.25	0.41	295000	220000
41.641460290	-5.927575165	0.12	-0.60	-1.09	0.27	0.27	0.44	300000	220000
41.734579180	-5.338607101	0.08	-0.47	-1.00	0.25	0.25	0.41	305000	220000
41.824232240	-4.748090949	0.10	-0.40	-1.26	0.22	0.22	0.37	310000	220000
41.910405200	-4.156076230	0.10	-0.45	-1.39	0.29	0.29	0.47	315000	220000
41.993084240	-3.562613728	0.03	-0.46	-1.30	0.30	0.30	0.50	320000	220000
42.072255980	-2.967755461	-0.13	-0.44	-1.08	0.26	0.26	0.43	325000	220000
42.147907540	-2.3715	-0.27	-0.41	-0.79	0.24	0.24	0.39	330000	220000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	54646								
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
42.8833763 20	12.184 874780	1.21	-1.44	-0.47	0.22	0.23	0.39	450000 0	220000 0
42.8684414	12.794	1.94	-0.50	-0.55	0.25	0.25	0.43	455000	220000

#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
10	756220							0	0
42.849851010	13.404330280	2.97	0.93	-0.32	0.23	0.24	0.41	4600000	2200000
42.827608380	14.013530460	3.00	1.58	-0.44	0.23	0.25	0.43	4650000	2200000
42.801717460	14.622290590	2.76	1.34	-0.59	0.34	0.35	0.59	4700000	2200000
42.772182770	15.230544930	2.59	1.01	-0.71	0.38	0.39	0.67	4750000	2200000
42.739009490	15.838228220	2.49	0.79	-0.87	0.39	0.39	0.69	4800000	2200000
42.702203420	16.445275700	2.45	0.70	-1.11	0.39	0.39	0.70	4850000	2200000
42.661770960	17.051623250	2.51	0.70	-1.47	0.39	0.39	0.68	4900000	2200000
42.617719120	17.657207370	2.77	0.73	-1.91	0.33	0.33	0.56	4950000	2200000
42.570055510	18.261965260	2.76	0.61	-2.03	0.24	0.25	0.42	5000000	2200000
42.518788320	18.865834910	1.58	0.18	-1.36	0.35	0.36	0.61	5050000	2200000
42.463926320	19.468755100	0.61	-0.02	-0.76	0.33	0.33	0.59	5100000	2200000
42.405478860	20.070665470	-0.34	0.27	-0.41	0.20	0.23	0.47	5150000	2200000
42.343455820	20.671506600	-1.42	0.80	-0.75	0.27	0.28	0.52	5200000	2200000
42.277867660	21.271219990	-2.13	1.07	-0.85	0.27	0.28	0.50	5250000	2200000
42.208725340	21.869748190	-2.58	0.92	-0.76	0.26	0.26	0.45	5300000	2200000
42.136040360	22.467034770	-3.00	0.46	-0.56	0.24	0.24	0.42	5350000	2200000
42.059824730	23.063024400	-3.15	0.27	-0.34	0.24	0.24	0.41	5400000	2200000
41.980090940	23.657662890	-2.93	0.45	-0.20	0.24	0.24	0.40	5450000	2200000
41.896851960	24.250897210	-2.64	0.41	-0.28	0.28	0.28	0.46	5500000	2200000
41.810121250	24.842675540	-2.34	0.06	-0.42	0.25	0.25	0.43	5550000	2200000
41.719912690	25.432947290	-1.93	-0.22	-0.53	0.23	0.23	0.40	5600000	2200000
41.626240610	26.021663150	-1.46	-0.15	-0.62	0.24	0.25	0.42	5650000	2200000
41.529119770	26.608775100	-1.68	0.08	-0.71	0.23	0.24	0.44	5700000	2200000
41.4285653	27.194	-1.81	0.05	-0.67	0.29	0.29	0.50	5750000	2200000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
10	236450							0	0
41.324592780	27.778001840	-1.85	-0.74	-0.62	0.24	0.24	0.47	580000	220000
41.217218100	28.360027310	-1.57	-0.91	-0.63	0.31	0.31	0.54	585000	220000
41.106457540	28.940270270	-1.56	-0.94	-0.59	0.15	0.15	0.34	590000	220000
40.992327720	29.518689530	-1.32	-4.64	-0.80	0.26	0.26	0.45	595000	220000
40.874845560	30.095245360	-1.54	-3.48	-1.05	0.21	0.21	0.41	600000	220000
40.754028320	30.669899410	-1.59	-4.47	-0.91	0.26	0.26	0.52	605000	220000
40.629893530	31.242614840	-2.54	-21.88	-0.34	0.37	0.37	0.60	610000	220000
40.502458980	31.813356210	-2.45	-21.84	-0.19	0.35	0.35	0.60	615000	220000
40.371742760	32.382089580	-2.48	-21.58	-0.52	0.28	0.29	0.53	620000	220000
40.237763160	32.948782470	-1.15	-21.30	-0.76	0.31	0.31	0.53	625000	220000
40.100538700	33.513403860	0.58	-20.65	-0.63	0.31	0.31	0.52	630000	220000
39.960088110	34.075924210	1.88	-20.19	-0.51	0.30	0.31	0.53	635000	220000
39.816430330	34.636315460	3.10	-19.91	-0.68	0.28	0.28	0.52	640000	220000
39.669584440	35.194551000	4.39	-19.51	-0.89	0.32	0.32	0.57	645000	220000
39.519569690	35.750605700	5.53	-19.38	-0.85	0.27	0.27	0.49	650000	220000
39.366405490	36.304455880	6.27	-18.78	-0.70	0.32	0.32	0.53	655000	220000
39.210111330	36.856079320	7.12	-17.77	-0.70	0.35	0.35	0.60	660000	220000
39.050706850	37.405455240	8.10	-16.78	-0.98	0.34	0.34	0.62	665000	220000
38.888211770	37.952564280	9.07	-15.87	-1.27	0.33	0.34	0.61	670000	220000
38.722645880	38.497388510	9.87	-15.31	-1.37	0.31	0.32	0.59	675000	220000
38.554029030	39.039911420	10.61	-15.12	-1.06	0.31	0.32	0.62	680000	220000
38.382381140	39.580117860	12.89	-8.26	-0.35	0.29	0.28	0.58	685000	220000
38.207722150	40.117994090	13.64	-8.11	0.17	0.30	0.30	0.58	690000	220000
38.0300719	40.653	13.84	-7.51	0.49	0.33	0.34	0.62	695000	220000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
90	527710							0	0
37.8494506 50	41.186 707680	14.02	-6.81	0.67	0.25	0.24	0.57	700000	220000
37.6658780 60	41.717 524250	14.31	-6.21	0.54	0.34	0.32	0.64	705000	220000
37.4793741 50	42.245 969030	14.82	-5.65	0.23	0.40	0.38	0.72	710000	220000
37.2899588 20	42.772 034870	15.38	-5.28	0.00	0.44	0.41	0.76	715000	220000
37.0976519 00	43.295 715890	15.79	-5.12	-0.12	0.46	0.42	0.78	720000	220000
36.9024731 70	43.817 007490	15.97	-5.01	-0.19	0.48	0.42	0.79	725000	220000
36.7044423 30	44.335 906240	16.17	-4.87	-0.26	0.50	0.43	0.80	730000	220000
36.5035790 20	44.852 409940	16.66	-4.72	-0.37	0.53	0.45	0.83	735000	220000
40.5751966 40	- 9.2883 04339	-0.07	-0.64	-1.16	0.36	0.36	0.64	270000	215000
40.6878720 60	- 8.7132 43956	-0.10	-0.83	-1.19	0.22	0.22	0.43	275000	215000
40.7971985 20	- 8.1364 18187	0.05	-0.85	-1.02	0.25	0.25	0.44	280000	215000
40.9031599 60	- 7.5578 67493	0.15	-0.75	-0.90	0.27	0.27	0.45	285000	215000
41.0057406 30	- 6.9776 33681	0.15	-0.68	-1.08	0.25	0.25	0.42	290000	215000
41.1049251 70	- 6.3957 59892	0.07	-0.63	-1.25	0.26	0.26	0.42	295000	215000
41.2006985 40	- 5.8122 90576	-0.01	-0.56	-0.99	0.28	0.28	0.46	300000	215000
41.2930461 20	- 5.2272 71470	-0.13	-0.52	-0.68	0.24	0.24	0.39	305000	215000
41.3819536 70	- 4.6407 49577	-0.16	-0.54	-0.76	0.25	0.25	0.41	310000	215000
41.4674073 50	- 4.0527 73140	-0.17	-0.56	-1.01	0.27	0.27	0.44	315000	215000
41.5493937 80	- 3.4633 91609	-0.21	-0.53	-1.04	0.27	0.27	0.45	320000	215000





#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
42.376787060	13.983404530	2.92	1.08	-0.44	0.24	0.24	0.41	4650000	2150000
42.351121270	14.587623090	3.00	1.37	-0.55	0.27	0.28	0.47	4700000	2150000
42.321843090	15.191351380	2.97	1.10	-0.59	0.34	0.34	0.58	4750000	2150000
42.288957530	15.794526080	2.90	0.84	-0.76	0.35	0.35	0.61	4800000	2150000
42.252470200	16.397084440	2.76	0.72	-0.95	0.38	0.38	0.66	4850000	2150000
42.168715600	17.600103820	2.58	0.56	-1.44	0.38	0.38	0.66	4950000	2150000
42.121462480	18.200442340	2.31	0.34	-1.47	0.37	0.37	0.63	5000000	2150000
42.070635880	18.799919570	1.62	-0.05	-1.12	0.36	0.37	0.63	5050000	2150000
42.016244270	19.398476080	0.71	-0.53	-0.54	0.25	0.27	0.51	5100000	2150000
41.958296720	19.996053280	-0.61	-0.33	-0.28	0.26	0.27	0.51	5150000	2150000
41.896802800	20.592593440	-1.93	0.60	-0.37	0.26	0.27	0.51	5200000	2150000
41.831772620	21.188039770	-2.49	1.54	-0.55	0.26	0.27	0.48	5250000	2150000
41.763216820	21.782336400	-2.77	1.62	-0.52	0.24	0.24	0.43	5300000	2150000
41.691146530	22.375428500	-3.49	0.70	-0.46	0.26	0.26	0.45	5350000	2150000
41.615573380	22.967262270	-4.09	0.32	-0.39	0.25	0.25	0.42	5400000	2150000
41.536509490	23.557785000	-4.04	0.57	-0.35	0.24	0.24	0.42	5450000	2150000
41.453967420	24.146945090	-3.67	0.33	-0.39	0.30	0.30	0.50	5500000	2150000
41.367960200	24.734692090	-3.32	-0.17	-0.56	0.26	0.26	0.44	5550000	2150000
41.278501310	25.320976750	-2.91	-0.27	-0.87	0.23	0.23	0.42	5600000	2150000
41.185604640	25.905751020	-2.02	-0.50	-0.95	0.28	0.28	0.48	5650000	2150000
41.089284490	26.488968090	-2.09	-1.28	-0.88	0.26	0.26	0.48	5700000	2150000
40.989555550	27.070582430	-2.69	-1.57	-0.79	0.22	0.21	0.45	5750000	2150000
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40.6700686 20	28.805 373280	-3.36	-18.22	-0.95	0.27	0.26	0.42	590000 0	215000 0
40.5568588 90	29.380 147540	-2.43	-19.47	-1.06	0.15	0.13	0.39	595000 0	215000 0
40.4403192 40	29.953 111190	-3.32	-21.64	-1.06	0.33	0.32	0.50	600000 0	215000 0
40.3204664 20	30.524 226730	-3.25	-22.28	-0.62	0.36	0.35	0.56	605000 0	215000 0
40.1973174 50	31.093 458050	-2.85	-22.52	0.14	0.29	0.28	0.49	610000 0	215000 0
40.0708896 30	31.660 770450	-2.81	-22.56	0.18	0.29	0.29	0.48	615000 0	215000 0
39.9412005 00	32.226 130630	-2.44	-22.16	-0.67	0.33	0.33	0.55	620000 0	215000 0
39.8082678 40	32.789 506710	-1.60	-22.25	-1.38	0.19	0.19	0.36	625000 0	215000 0
39.6721096 60	33.350 868200	0.29	-20.95	-1.13	0.31	0.31	0.52	630000 0	215000 0
39.5327441 70	33.910 186070	1.61	-20.02	-0.94	0.32	0.33	0.55	635000 0	215000 0
39.3901897 50	34.467 432670	2.83	-19.41	-0.97	0.32	0.32	0.54	640000 0	215000 0
39.2444649 70	35.022 581790	4.18	-18.82	-1.19	0.33	0.32	0.57	645000 0	215000 0
39.0955885 60	35.575 608620	5.17	-18.24	-1.22	0.32	0.31	0.56	650000 0	215000 0
38.9435793 80	36.126 489770	5.99	-17.62	-1.05	0.33	0.33	0.57	655000 0	215000 0
38.7884564 10	36.675 203240	6.95	-16.65	-1.03	0.35	0.36	0.62	660000 0	215000 0
38.6302387 70	37.221 728440	8.00	-15.92	-1.22	0.28	0.29	0.56	665000 0	215000 0
38.4689456 30	37.766 046140	9.06	-15.09	-1.26	0.32	0.34	0.59	670000 0	215000 0
38.3045962 70	38.308 138500	10.10	-14.59	-1.18	0.27	0.31	0.59	675000 0	215000 0
38.1372100 30	38.847 989050	10.97	-14.49	-0.78	0.34	0.35	0.64	680000 0	215000 0
37.9668063 00	39.385 582650	13.09	-7.81	0.02	0.32	0.31	0.58	685000 0	215000 0
37.7934044 90	39.920 905500	13.87	-7.57	0.59	0.31	0.31	0.57	690000 0	215000 0
37.6170240 60	40.453 945140	14.01	-7.04	0.95	0.32	0.32	0.58	695000 0	215000 0
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 52087	-0.46	-0.49	-1.20	0.25	0.25	0.42	330000 0	210000 0
41.3285170 50	- 1.6022 86500	-0.50	-0.49	-1.38	0.23	0.23	0.39	335000 0	210000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 20	15.152 938870	3.53	1.09	-0.26	0.25	0.26	0.45	475000 0	210000 0
41.8386950 50	15.751 693830	3.62	0.85	-0.54	0.19	0.21	0.37	480000 0	210000 0
41.8025199	16.349	3.34	0.80	-0.65	0.32	0.32	0.55	485000	210000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
00	851150							0	0
41.622234020	18.735306060	1.84	-0.13	-1.04	0.37	0.38	0.67	5050000	2100000
41.568303250	19.329582410	1.21	-0.61	-0.89	0.29	0.31	0.58	5100000	2100000
41.510845470	19.922908830	-0.22	-0.75	-0.53	0.25	0.27	0.52	5150000	2100000
41.449869970	20.515229270	-2.15	0.18	-0.28	0.22	0.24	0.48	5200000	2100000
41.385386540	21.106488530	-2.98	1.48	-0.42	0.26	0.27	0.50	5250000	2100000
41.317405480	21.696632340	-3.47	1.79	-0.60	0.25	0.26	0.50	5300000	2100000
41.245937580	22.285607380	-4.46	1.02	-0.79	0.28	0.27	0.47	5350000	2100000
41.170994110	22.873361340	-5.50	0.85	-0.94	0.26	0.22	0.39	5400000	2100000
41.092586810	23.459842940	-5.68	1.13	-0.74	0.25	0.24	0.46	5450000	2100000
41.010727870	24.045001970	-4.97	0.51	-0.54	0.29	0.29	0.52	5500000	2100000
40.925429920	24.628789310	-3.99	-0.09	-0.61	0.22	0.22	0.42	5550000	2100000
40.836706010	25.211157010	-3.02	-0.21	-0.90	0.28	0.28	0.49	5600000	2100000
40.744569610	25.792058240	-1.77	-0.39	-1.02	0.25	0.25	0.49	5650000	2100000
40.649034610	26.371447390	-1.82	-1.31	-0.82	0.31	0.31	0.46	5700000	2100000
40.550115240	26.949280070	-7.55	-15.68	-0.75	0.32	0.30	0.49	5750000	2100000
40.447826150	27.525513100	-6.62	-17.95	-0.94	0.26	0.24	0.42	5800000	2100000
40.342182310	28.100104580	-5.09	-19.67	-1.18	0.27	0.25	0.44	5850000	2100000
40.233199050	28.673013890	-4.13	-20.37	-1.40	0.28	0.26	0.44	5900000	2100000
40.120892010	29.244201710	-4.10	-21.98	-1.53	0.25	0.24	0.42	5950000	2100000
40.005277150	29.813630010	-4.19	-22.71	-1.11	0.28	0.27	0.48	6000000	2100000
39.886370730	30.381262110	-3.75	-22.82	-0.53	0.28	0.27	0.48	6050000	2100000
39.764189280	30.947062660	-3.39	-22.72	-0.03	0.32	0.32	0.54	6100000	2100000
39.638749600	31.510997650	-3.22	-22.84	-0.07	0.28	0.28	0.49	6150000	2100000
39.5100687	32.073	-2.54	-21.95	-0.89	0.32	0.32	0.55	6200000	2100000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
20	034430							0	0
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
39.702476810	-9.020076580	0.01	-0.82	-1.08	0.27	0.27	0.48	2700000	2050000
39.8133709	-	0.22	-0.92	-1.08	0.26	0.26	0.45	2750000	2050000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
20	8.4521 47499							0	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 70	0.8323 14827	-0.23	-0.45	-0.72	0.28	0.28	0.47	355000 0	205000 0
41.1818089 30	1.4225 34722	-0.22	-0.44	-0.67	0.25	0.25	0.43	360000 0	205000 0
41.2312191	2.0136	-0.20	-0.39	-0.70	0.22	0.22	0.37	365000	205000





#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
80	12014							0	0
41.277113130	2.605490566	-0.18	-0.24	-0.84	0.32	0.32	0.54	370000	205000
41.319483430	3.198113542	-0.16	-0.15	-0.88	0.38	0.38	0.65	375000	205000
41.530891870	7.958882902	0.03	-0.29	-1.29	0.38	0.38	0.68	415000	205000
41.541309060	8.555556382	0.08	-0.32	-1.41	0.29	0.29	0.51	420000	205000
41.548159640	9.152378178	0.03	-0.33	-1.55	0.22	0.22	0.38	425000	205000
41.551442460	9.749287054	-0.07	-0.44	-1.47	0.33	0.34	0.57	430000	205000
41.539881950	11.539922930	-0.02	-0.88	-0.87	0.37	0.37	0.64	445000	205000
41.528894240	12.136567010	0.05	-0.94	-0.88	0.30	0.31	0.53	450000	205000
41.514341940	12.732991900	0.64	-0.88	-0.81	0.19	0.20	0.36	455000	205000
41.496227460	13.329136730	1.30	-0.94	-0.28	0.24	0.25	0.42	460000	205000
41.474553760	13.924940880	1.86	-0.78	-0.27	0.22	0.23	0.39	465000	205000
41.449324400	14.520344020	2.45	0.07	-0.17	0.21	0.22	0.39	470000	205000
41.420543500	15.115286200	3.36	0.74	0.08	0.21	0.22	0.39	475000	205000
41.388215740	15.709707850	3.90	0.89	-0.09	0.26	0.27	0.45	480000	205000
41.352346390	16.303549910	4.02	1.00	-0.23	0.25	0.26	0.44	485000	205000
41.312941260	16.896753800	3.51	0.79	-0.39	0.29	0.30	0.51	490000	205000
41.270006710	17.489261510	2.98	0.55	-0.65	0.35	0.35	0.61	495000	205000
41.223549640	18.081015660	2.64	0.35	-0.89	0.37	0.38	0.66	500000	205000
41.120098260	19.262037080	1.84	-0.47	-1.13	0.30	0.32	0.60	510000	205000
41.063120390	19.851193050	0.57	-0.78	-0.87	0.23	0.26	0.53	515000	205000
41.002652900	20.439372980	-1.67	-0.31	-0.46	0.25	0.27	0.54	520000	205000
40.938705270	21.026523220	-3.26	0.85	-0.42	0.26	0.29	0.58	525000	205000
40.871287490	21.612591040	-4.47	1.33	-0.60	0.26	0.29	0.60	530000	205000
40.8004100	22.197	-5.89	1.14	-0.96	0.29	0.30	0.58	535000	205000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
10	524580							0	0
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
38.392170470	34.687827950	4.13	-16.87	-0.78	0.29	0.29	0.52	645000	205000
38.245511060	35.234916300	4.96	-15.76	-0.94	0.33	0.34	0.58	650000	205000
38.0957518	35.779	5.75	-14.84	-1.13	0.32	0.33	0.59	655000	205000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
30	971480							0	0
37.942910750	36.322971980	6.70	-14.14	-1.21	0.32	0.33	0.58	660000	205000
37.787005920	36.863897620	7.79	-13.66	-1.27	0.33	0.33	0.56	665000	205000
37.628055520	37.402729480	8.88	-13.49	-1.43	0.33	0.34	0.58	670000	205000
37.466077830	37.939449960	12.25	-7.54	-1.41	0.40	0.34	0.62	675000	205000
37.301091170	38.474042720	12.83	-7.73	-0.93	0.37	0.34	0.61	680000	205000
37.133113940	39.006492690	13.38	-7.65	-0.14	0.32	0.32	0.57	685000	205000
36.962164580	39.536786060	13.77	-6.96	0.70	0.34	0.33	0.58	690000	205000
36.788261560	40.064910260	13.89	-6.39	0.86	0.38	0.38	0.66	695000	205000
36.611423350	40.590853930	13.99	-5.92	0.71	0.41	0.42	0.74	700000	205000
36.431668430	41.114606960	14.25	-5.55	0.46	0.43	0.44	0.79	705000	205000
39.035533660	-10.013578880	-0.22	-0.76	-1.07	0.38	0.38	0.68	260000	200000
39.152080830	-9.452478157	-0.30	-0.99	-1.07	0.29	0.30	0.52	265000	200000
39.265376270	-8.889685615	-0.02	-0.99	-1.00	0.25	0.26	0.44	270000	200000
39.375404720	-8.325236561	0.32	-0.94	-1.00	0.22	0.22	0.41	275000	200000
39.482151170	-7.759167525	0.19	-0.92	-0.92	0.27	0.28	0.48	280000	200000
39.585600920	-7.191516246	0.18	-0.99	-0.70	0.27	0.27	0.47	285000	200000
39.685739580	-6.622321658	0.32	-1.11	-0.69	0.28	0.28	0.47	290000	200000
39.782553110	-6.051623869	0.19	-1.15	-0.94	0.28	0.28	0.45	295000	200000
39.876027790	-5.479464147	-0.08	-1.10	-1.22	0.24	0.24	0.39	300000	200000
39.966150250	-4.9058	-0.18	-0.90	-0.87	0.30	0.30	0.50	305000	200000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	84895								
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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
39.6699404 80	26.713 494860	-11.42	-19.85	-0.40	0.33	0.31	0.56	575000 0	200000 0
39.5692710 90	27.282 445190	-10.08	-20.61	-0.41	0.33	0.31	0.54	580000 0	200000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
39.4652928 90	27.849 845890	-8.16	-21.98	-0.34	0.28	0.26	0.47	585000 0	200000 0
39.3580203 30	28.415 658240	-7.61	-22.73	-0.27	0.33	0.31	0.53	590000 0	200000 0
39.2474681 50	28.979 844670	-7.07	-22.82	-0.27	0.33	0.32	0.55	595000 0	200000 0
39.1336514 00	29.542 368860	-6.38	-22.37	-0.36	0.34	0.33	0.57	600000 0	200000 0
39.0165853 90	30.103 195700	-5.37	-21.91	-0.45	0.34	0.33	0.56	605000 0	200000 0
38.8962857 30	30.662 291310	-4.39	-21.61	-0.61	0.28	0.28	0.49	610000 0	200000 0
38.7727682 80	31.219 623050	-3.98	-21.14	-1.05	0.30	0.30	0.52	615000 0	200000 0
38.6460491 10	31.775 159570	-3.32	-20.38	-1.44	0.28	0.28	0.49	620000 0	200000 0
38.5161445 40	32.328 870730	-1.65	-19.29	-1.22	0.34	0.34	0.58	625000 0	200000 0
38.3830711 10	32.880 727700	0.02	-18.44	-1.01	0.33	0.32	0.58	630000 0	200000 0
38.2468455 30	33.430 702900	1.38	-17.24	-0.90	0.38	0.38	0.65	635000 0	200000 0
38.1074847 20	33.978 770010	2.73	-16.29	-0.76	0.37	0.37	0.63	640000 0	200000 0
37.9650057 40	34.524 904000	4.09	-15.49	-0.55	0.25	0.25	0.47	645000 0	200000 0
37.8194258 20	35.069 081100	4.85	-14.68	-0.72	0.32	0.32	0.56	650000 0	200000 0
37.6707623 40	35.611 278820	5.70	-13.89	-1.04	0.33	0.34	0.60	655000 0	200000 0
37.5190327 90	36.151 475920	6.74	-13.24	-1.24	0.32	0.32	0.55	660000 0	200000 0
37.3642547 60	36.689 652430	7.81	-12.95	-1.40	0.33	0.34	0.56	665000 0	200000 0
37.2064459 70	37.225 789630	11.71	-7.29	-1.66	0.40	0.30	0.55	670000 0	200000 0
37.0456242 00	37.759 870030	12.18	-7.31	-1.47	0.41	0.34	0.62	675000 0	200000 0
36.8818073 10	38.291 877410	12.63	-7.24	-0.94	0.42	0.39	0.68	680000 0	200000 0
36.7150132 20	38.821 796750	13.04	-6.99	-0.36	0.41	0.40	0.70	685000 0	200000 0
36.5452598 80	39.349 614250	13.35	-6.49	0.14	0.42	0.42	0.73	690000 0	200000 0
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 93103	-0.43	-0.66	-1.14	0.27	0.27	0.44	335000 0	195000 0
40.0547350 90	- 0.7785 87646	-0.24	-0.53	-1.08	0.24	0.24	0.41	340000 0	195000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
40.2754790 30	18.548 934190	3.43	0.56	-0.92	0.26	0.27	0.50	505000 0	195000 0
40.2228759 00	19.130 850160	2.32	-0.26	-1.02	0.30	0.32	0.59	510000 0	195000 0





#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
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
38.084235220	32.180833560	-1.99	-17.90	-1.05	0.32	0.32	0.59	6250000	1950000
37.952153390	32.729612170	-0.38	-16.85	-0.94	0.32	0.32	0.60	6300000	1950000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 91396	0.34	-1.24	-0.77	0.25	0.25	0.43	290000 0	190000 0
38.8988946 50	- 5.8328 33776	0.18	-1.16	-0.60	0.23	0.24	0.39	295000 0	190000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
40.194614660	9.754630528	-0.13	-0.39	-1.01	0.26	0.28	0.46	4300000	1900000
40.194336250	10.338842690	-0.08	-0.32	-1.11	0.37	0.38	0.65	4350000	1900000
40.119625380	13.841479120	0.97	-0.51	-1.11	0.38	0.38	0.67	4650000	1900000
40.095017950	14.424293330	1.21	-0.54	-1.24	0.35	0.35	0.62	4700000	1900000
40.066945720	15.006686670	1.57	-0.35	-1.13	0.29	0.30	0.52	4750000	1900000
40.035412970	15.588604720	2.33	-0.02	-0.74	0.22	0.23	0.41	4800000	1900000
40.000424480	16.169993470	3.46	0.37	-0.45	0.23	0.24	0.43	4850000	1900000
39.961985510	16.750799350	3.81	0.72	-0.32	0.28	0.28	0.50	4900000	1900000
39.920101870	17.330969290	3.54	0.93	-0.35	0.33	0.33	0.58	4950000	1900000
39.874779820	17.910450770	3.49	0.78	-0.55	0.30	0.30	0.54	5000000	1900000
39.826026140	18.489191810	3.16	0.29	-0.79	0.25	0.25	0.49	5050000	1900000
39.773848070	19.067141090	2.04	-0.64	-0.88	0.34	0.35	0.64	5100000	1900000
39.718253350	19.644247930	1.08	-1.92	-0.87	0.29	0.31	0.65	5150000	1900000
39.659250140	20.220462340	-0.25	-2.90	-0.73	0.23	0.26	0.62	5200000	1900000
39.596847100	20.795735090	-2.97	-3.01	-0.58	0.20	0.23	0.55	5250000	1900000
39.531053320	21.370017690	-5.88	-3.85	-0.59	0.29	0.31	0.60	5300000	1900000
39.461878320	21.943262470	-8.59	-3.94	-0.73	0.20	0.27	0.61	5350000	1900000
39.389332050	22.515422610	-9.63	-2.95	-0.70	0.29	0.31	0.64	5400000	1900000
39.313424890	23.086452150	-9.67	-1.56	-0.50	0.32	0.34	0.63	5450000	1900000
39.234167610	23.656306020	-21.81	-7.04	-0.20	0.26	0.31	0.58	5500000	1900000
39.151571380	24.224940090	-26.03	-16.54	-0.10	0.33	0.62	0.54	5550000	1900000
39.065647770	24.792311200	-26.09	-16.51	-0.17	0.34	0.61	0.53	5600000	1900000
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
38.7880336 30	26.486 429900	-10.42	-17.99	-0.54	0.34	0.33	0.64	575000 0	190000 0
38.6889232 70	27.048 337430	-9.31	-18.73	-0.51	0.37	0.36	0.65	580000 0	190000 0
38.5865486 30	27.608 781350	-8.16	-19.73	-0.42	0.37	0.35	0.61	585000 0	190000 0
38.4809233 30	28.167 724700	-7.32	-20.31	-0.30	0.37	0.35	0.61	590000 0	190000 0
38.3720612 70	28.725 131640	-7.36	-20.63	-0.24	0.34	0.31	0.58	595000 0	190000 0
38.2599766 30	29.280 967470	-7.33	-20.60	-0.39	0.35	0.32	0.59	600000 0	190000 0
38.1446838 80	29.835 198590	-6.97	-20.55	-0.76	0.33	0.32	0.55	605000 0	190000 0
38.0261977 30	30.387 792570	-6.57	-20.25	-1.07	0.27	0.27	0.47	610000 0	190000 0
37.9045331 40	30.938 718110	-5.44	-18.73	-1.11	0.34	0.34	0.58	615000 0	190000 0
37.7797053 10	31.487 945100	-4.03	-17.60	-1.05	0.33	0.32	0.58	620000 0	190000 0
37.6517296 60	32.035 444570	-2.41	-16.53	-1.01	0.33	0.32	0.59	625000 0	190000 0
37.5206218 00	32.581 188760	-0.67	-15.36	-1.01	0.38	0.37	0.66	630000 0	190000 0
37.3863975 30	33.125 151070	0.84	-14.48	-1.00	0.40	0.39	0.69	635000 0	190000 0
37.2490728 50	33.667 306080	2.14	-13.85	-0.98	0.37	0.37	0.65	640000 0	190000 0
37.1086639 00	34.207 629560	3.27	-13.45	-0.98	0.33	0.32	0.58	645000 0	190000 0
36.9651870 00	34.746 098460	4.20	-13.03	-1.00	0.31	0.31	0.57	650000 0	190000 0
36.8186585 70	35.282 690930	5.10	-12.40	-0.98	0.37	0.37	0.65	655000 0	190000 0
36.6690951 90	35.817 386290	6.03	-11.96	-0.99	0.36	0.36	0.63	660000 0	190000 0
36.5165135 40	36.350 165020	10.66	-6.87	-0.99	0.48	0.35	0.61	665000 0	190000 0
36.3609303 90	36.881 008820	11.35	-6.79	-1.02	0.47	0.39	0.66	670000 0	190000 0
36.2023626 00	37.409 900500	11.77	-6.49	-0.96	0.48	0.43	0.73	675000 0	190000 0
36.0408271 20	37.936 824070	12.07	-6.13	-0.78	0.48	0.45	0.79	680000 0	190000 0
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	0.25	-1.46	-1.49	0.23	0.24	0.42	270000 0	185000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	94347								
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
39.2784354 20	0.5137 77533	-0.11	-0.61	-1.05	0.34	0.34	0.57	350000 0	185000 0
39.3330452 10	1.0871 49967	-0.14	-0.55	-1.25	0.34	0.34	0.57	355000 0	185000 0
39.3842634	1.6613	-0.10	-0.40	-1.36	0.35	0.35	0.58	360000	185000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
10	32448							0	0
39.432082600	2.236275624	0.00	-0.26	-1.37	0.32	0.32	0.54	3650000	1850000
39.476495830	2.811929519	0.09	-0.16	-1.34	0.21	0.21	0.34	3700000	1850000
39.517496610	3.388243571	0.17	-0.09	-1.18	0.20	0.20	0.33	3750000	1850000
39.555078940	3.965166669	0.09	-0.12	-0.99	0.32	0.32	0.53	3800000	1850000
39.589237280	4.542647197	0.04	-0.12	-0.91	0.37	0.37	0.64	3850000	1850000
39.722036050	8.016292545	0.05	-0.55	-1.10	0.36	0.37	0.65	4150000	1850000
39.732113230	8.596196092	-0.05	-0.75	-1.16	0.27	0.30	0.50	4200000	1850000
39.738740120	9.176230995	-0.20	-0.64	-1.13	0.23	0.23	0.41	4250000	1850000
39.741915730	9.756343016	-0.16	-0.34	-1.21	0.28	0.29	0.49	4300000	1850000
39.615280530	14.971876470	1.67	-0.18	-1.61	0.36	0.36	0.63	4750000	1850000
39.584002250	15.549785010	2.15	0.15	-1.34	0.30	0.30	0.53	4800000	1850000
39.549295720	16.127179830	3.01	0.42	-0.88	0.21	0.22	0.41	4850000	1850000
39.511166060	16.704008940	3.44	1.02	-0.40	0.22	0.23	0.44	4900000	1850000
39.469618870	17.280220790	3.02	1.51	-0.35	0.30	0.30	0.56	4950000	1850000
39.424660240	17.855764350	2.66	0.92	-0.50	0.36	0.36	0.64	5000000	1850000
39.376296730	18.430589160	2.16	0.13	-0.67	0.37	0.37	0.67	5050000	1850000
39.269383630	19.577883620	0.50	-2.11	-0.77	0.37	0.38	0.70	5150000	1850000
39.210849460	20.150255450	-0.88	-3.62	-0.70	0.33	0.34	0.64	5200000	1850000
39.148941240	20.721712940	-3.51	-5.60	-0.61	0.28	0.30	0.56	5250000	1850000
39.083667780	21.292208950	-6.60	-7.73	-0.70	0.27	0.28	0.56	5300000	1850000
39.015038320	21.861697110	-8.24	-7.12	-0.79	0.27	0.26	0.57	5350000	1850000
38.943062500	22.430131870	-16.64	-9.11	-0.63	0.35	0.36	0.59	5400000	1850000
38.867750400	22.997468500	-18.03	-9.66	-0.30	0.23	0.23	0.50	5450000	1850000
38.7891124	23.563	-25.36	-16.70	-0.05	0.30	0.57	0.53	550000	185000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
60	663120							0	0
38.7071595 10	24.128 672780	-24.44	-14.97	-0.08	0.29	0.55	0.47	555000 0	185000 0
38.6219027 80	24.692 455410	-25.10	-15.79	-0.27	0.34	0.56	0.52	560000 0	185000 0
38.5333538 40	25.254 969900	-25.54	-17.73	-0.47	0.41	0.59	0.64	565000 0	185000 0
38.4415246 00	25.816 176110	-24.46	-19.17	-0.59	0.40	0.55	0.63	570000 0	185000 0
38.3464273 40	26.376 034880	-23.13	-20.09	-0.74	0.35	0.49	0.55	575000 0	185000 0
38.2480746 50	26.934 508070	-23.82	-21.02	-0.65	0.49	0.54	0.62	580000 0	185000 0
38.1464794 30	27.491 558560	-22.88	-21.95	-0.70	0.54	0.54	0.64	585000 0	185000 0
38.0416549 00	28.047 150280	-22.08	-22.62	-0.75	0.58	0.51	0.63	590000 0	185000 0
37.9336145 60	28.601 248220	-5.21	-17.59	-0.70	0.39	0.37	0.66	595000 0	185000 0
37.8223721 90	29.153 818450	-5.91	-17.84	-0.77	0.39	0.38	0.66	600000 0	185000 0
37.7079418 40	29.704 828130	-6.62	-18.29	-0.95	0.37	0.35	0.62	605000 0	185000 0
37.5903378 00	30.254 245510	-6.87	-18.03	-1.12	0.33	0.32	0.56	610000 0	185000 0
37.4695746 10	30.802 039970	-6.13	-16.86	-1.13	0.29	0.31	0.51	615000 0	185000 0
37.3456670 40	31.348 182000	-4.42	-15.73	-1.13	0.35	0.35	0.60	620000 0	185000 0
37.2186300 80	31.892 643210	-2.60	-14.77	-1.14	0.37	0.35	0.62	625000 0	185000 0
37.0884789 10	32.435 396370	-0.82	-13.81	-1.16	0.38	0.37	0.66	630000 0	185000 0
36.9552288 90	32.976 415360	0.64	-13.08	-1.15	0.39	0.37	0.66	635000 0	185000 0
36.8188955 80	33.515 675210	1.81	-12.59	-1.12	0.37	0.36	0.63	640000 0	185000 0
36.6794946 80	34.053 152110	2.89	-12.43	-1.17	0.27	0.27	0.50	645000 0	185000 0
36.5370420 50	34.588 823370	3.93	-12.12	-1.14	0.30	0.29	0.55	650000 0	185000 0
36.3915537 00	35.122 667460	4.80	-11.53	-0.97	0.38	0.38	0.68	655000 0	185000 0
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	36.713	10.86	-6.24	-0.81	0.50	0.43	0.73	670000	185000





#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
50	038480							0	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 30	- 1.6911 99535	-0.31	-0.88	-0.70	0.29	0.29	0.48	330000 0	180000 0
38.6465406 90	- 1.1252 41221	-0.13	-0.83	-0.69	0.26	0.26	0.42	335000 0	180000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 40	21.781 659710	-15.76	-11.22	-1.14	0.28	0.30	0.45	535000 0	180000 0
38.4964437 20	22.346 435180	-15.64	-11.60	-0.75	0.25	0.27	0.46	540000 0	180000 0
38.4217152 70	22.910 143900	-18.04	-11.05	-0.23	0.27	0.29	0.49	545000 0	180000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
38.3436848 50	23.472 743170	-25.21	-15.53	0.07	0.25	0.49	0.44	550000 0	180000 0
38.2623629 60	24.034 191130	-25.08	-15.46	-0.28	0.28	0.50	0.43	555000 0	180000 0
38.1777604 90	24.594 446820	-26.31	-16.58	-0.66	0.32	0.52	0.53	560000 0	180000 0
38.0898886 70	25.153 470180	-26.06	-17.68	-0.63	0.39	0.54	0.62	565000 0	180000 0
37.9987590 60	25.711 222070	-24.89	-18.44	-0.43	0.42	0.52	0.62	570000 0	180000 0
37.9043835 90	26.267 664310	-24.15	-18.98	-0.38	0.42	0.48	0.54	575000 0	180000 0
37.8067744 60	26.822 759690	-23.91	-19.45	-0.53	0.42	0.45	0.53	580000 0	180000 0
37.7059442 30	27.376 471990	-22.49	-20.18	-0.80	0.51	0.47	0.59	585000 0	180000 0
37.6019057 00	27.928 765970	-21.20	-20.41	-1.00	0.56	0.46	0.61	590000 0	180000 0
37.4946720 10	28.479 607460	-21.86	-20.49	-1.03	0.64	0.48	0.64	595000 0	180000 0
37.3842565 30	29.028 963280	-4.20	-14.67	-1.14	0.38	0.37	0.65	600000 0	180000 0
37.2706729 10	29.576 801320	-6.05	-16.02	-1.13	0.33	0.30	0.59	605000 0	180000 0
37.1539350 40	30.123 090540	-6.58	-15.52	-1.24	0.34	0.33	0.59	610000 0	180000 0
37.0340570 60	30.667 800940	-6.38	-14.41	-1.32	0.27	0.28	0.52	615000 0	180000 0
36.9110533 10	31.210 903640	-4.58	-13.67	-1.30	0.36	0.36	0.63	620000 0	180000 0
36.7849383 70	31.752 370820	-2.66	-12.99	-1.28	0.39	0.38	0.67	625000 0	180000 0
36.6557269 80	32.292 175750	-0.92	-12.27	-1.29	0.38	0.35	0.64	630000 0	180000 0
36.5234341 10	32.830 292830	0.47	-11.65	-1.28	0.35	0.32	0.61	635000 0	180000 0
36.3880748 70	33.366 697510	1.57	-11.17	-1.19	0.34	0.34	0.59	640000 0	180000 0
36.2496645 30	33.901 366400	2.61	-10.82	-1.09	0.25	0.25	0.46	645000 0	180000 0
36.1082185 40	34.434 277180	3.72	-10.65	-1.02	0.35	0.36	0.62	650000 0	180000 0
35.9637524 60	34.965 408650	4.61	-10.36	-0.89	0.40	0.40	0.72	655000 0	180000 0
35.8162819 70	35.494 740700	9.81	-5.95	-0.77	0.57	0.44	0.74	660000 0	180000 0
35.6658228 90	36.022 254350	10.18	-5.84	-0.71	0.54	0.44	0.75	665000 0	180000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
35.5123911 00	36.547 931700	10.69	-5.61	-0.70	0.53	0.47	0.78	670000 0	180000 0
35.3560026 10	37.071 755930	11.16	-5.35	-0.68	0.52	0.49	0.82	675000 0	180000 0
36.8511286 00	- 9.3640 10121	0.24	-0.99	-1.07	0.39	0.39	0.70	260000 0	175000 0
36.9633779 30	- 8.8190 56445	0.38	-1.55	-1.09	0.27	0.27	0.45	265000 0	175000 0
37.0724765 40	- 8.2726 31405	0.34	-1.97	-1.01	0.26	0.26	0.42	270000 0	175000 0
37.1784112 10	- 7.7247 66556	0.34	-2.10	-0.84	0.20	0.20	0.33	275000 0	175000 0
37.2811689 90	- 7.1754 94466	0.58	-1.98	-0.72	0.25	0.25	0.40	280000 0	175000 0
37.3807371 70	- 6.6248 48694	0.56	-1.90	-0.59	0.27	0.27	0.45	285000 0	175000 0
37.4771033 60	- 6.0728 63781	0.33	-1.77	-0.42	0.26	0.26	0.44	290000 0	175000 0
37.5702554 10	- 5.5195 75233	0.06	-1.64	-0.30	0.29	0.29	0.48	295000 0	175000 0
37.6601815 20	- 4.9650 19505	-0.12	-1.48	-0.41	0.28	0.28	0.45	300000 0	175000 0
37.7468701 70	- 4.4092 33977	-0.10	-1.31	-0.59	0.26	0.26	0.42	305000 0	175000 0
37.8303101 90	- 3.8522 56944	0.00	-1.28	-0.69	0.22	0.22	0.39	310000 0	175000 0
37.9104907 20	- 3.2941 27585	-0.34	-1.58	-0.71	0.27	0.27	0.44	315000 0	175000 0
37.9874012 60	- 2.7348 85948	-0.46	-1.52	-0.63	0.27	0.27	0.45	320000 0	175000 0
38.0610316 60	- 2.1745 72920	-0.32	-1.10	-0.52	0.25	0.25	0.41	325000 0	175000 0
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	0.25	-0.82	-0.66	0.21	0.21	0.34	335000 0	175000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	00309								
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
38.1203391 50	21.703 112500	-15.41	-13.92	-1.54	0.25	0.27	0.44	535000 0	175000 0
38.0494716 30	22.264 293290	-26.59	-16.83	-1.18	0.33	0.47	0.46	540000 0	175000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
37.9753157 40	22.824 437680	-26.53	-15.55	-0.61	0.30	0.44	0.43	545000 0	175000 0
37.8978813 10	23.383 504080	-26.51	-16.23	-0.38	0.30	0.47	0.48	550000 0	175000 0
37.8171785 50	23.941 451730	-27.19	-16.94	-0.51	0.25	0.44	0.43	555000 0	175000 0
37.7332180 10	24.498 240740	-27.61	-17.38	-0.83	0.30	0.47	0.54	560000 0	175000 0
37.6460106 10	25.053 832050	-26.78	-17.69	-0.60	0.34	0.47	0.60	565000 0	175000 0
37.5555675 70	25.608 187510	-25.80	-17.99	-0.04	0.41	0.47	0.58	570000 0	175000 0
37.4619004 50	26.161 269910	-25.72	-18.20	0.18	0.43	0.43	0.50	575000 0	175000 0
37.3650211 20	26.713 042920	-25.70	-18.37	-0.18	0.46	0.44	0.58	580000 0	175000 0
37.2649417 60	27.263 471200	-24.83	-18.46	-0.71	0.46	0.39	0.55	585000 0	175000 0
37.1616748 20	27.812 520360	-23.53	-17.77	-1.06	0.56	0.44	0.62	590000 0	175000 0
37.0552330 30	28.360 157000	-21.69	-17.37	-1.28	0.61	0.43	0.60	595000 0	175000 0
36.9456294 20	28.906 348710	-20.28	-17.33	-1.63	0.66	0.42	0.56	600000 0	175000 0
36.8328772 20	29.451 064110	-2.32	-11.34	-1.71	0.32	0.31	0.54	605000 0	175000 0
36.7169899 50	29.994 272810	-4.97	-12.20	-1.60	0.35	0.34	0.61	610000 0	175000 0
36.5979813 40	30.535 945480	-5.64	-12.04	-1.56	0.33	0.32	0.62	615000 0	175000 0
36.4758653 30	31.076 053820	-4.26	-11.78	-1.44	0.39	0.38	0.69	620000 0	175000 0
36.3506560 80	31.614 570560	-2.58	-11.37	-1.36	0.41	0.41	0.73	625000 0	175000 0
36.2223679 60	32.151 469520	-1.07	-10.83	-1.35	0.40	0.39	0.70	630000 0	175000 0
36.0910154 90	32.686 725560	0.20	-10.25	-1.35	0.30	0.30	0.60	635000 0	175000 0
35.9566133 70	33.220 314600	1.48	-9.64	-1.22	0.33	0.33	0.60	640000 0	175000 0
35.8191764 90	33.752 213640	2.73	-9.26	-1.02	0.36	0.36	0.62	645000 0	175000 0
35.6787198 40	34.282 400730	3.78	-9.13	-0.87	0.38	0.38	0.67	650000 0	175000 0
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 50	- 0.9779 38638	0.88	-0.92	-0.86	0.19	0.19	0.32	335000 0	170000 0
37.8131962 40	- 0.4182	0.44	-0.68	-1.01	0.28	0.28	0.47	340000 0	170000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	55808								
37.8731492 40	0.1423 01278	0.26	-0.43	-0.98	0.37	0.37	0.65	345000 0	170000 0
38.3611508 70	12.034 371850	1.46	-0.74	-1.14	0.38	0.38	0.68	450000 0	170000 0
38.3474050 40	12.602 323060	2.18	-0.99	-1.10	0.31	0.32	0.56	455000 0	170000 0
38.3302937 80	13.170 047350	2.82	-1.04	-0.88	0.26	0.28	0.49	460000 0	170000 0
38.3098194 60	13.737 495570	3.14	-1.01	-1.01	0.31	0.32	0.54	465000 0	170000 0
38.2859849 40	14.304 618760	4.05	-0.99	-1.42	0.29	0.29	0.52	470000 0	170000 0
38.2587935 30	14.871 368260	5.35	-0.62	-1.53	0.24	0.24	0.45	475000 0	170000 0
38.2282489 70	15.437 695690	4.34	0.16	-1.21	0.21	0.24	0.45	480000 0	170000 0
38.1943555 00	16.003 553010	2.49	0.77	-0.85	0.22	0.25	0.49	485000 0	170000 0
38.1571177 70	16.568 892570	2.20	1.03	-0.64	0.30	0.30	0.58	490000 0	170000 0
37.8637783 70	19.947 444820	-7.95	-13.00	-0.90	0.45	0.42	0.73	520000 0	170000 0
37.8032979 70	20.507 864930	-11.87	-12.47	-1.04	0.37	0.35	0.60	525000 0	170000 0
37.7395261 00	21.067 403890	-14.89	-14.03	-1.25	0.29	0.29	0.47	530000 0	170000 0
37.6724711 90	21.626 019010	-28.42	-18.15	-1.54	0.36	0.44	0.44	535000 0	170000 0
37.6021420 50	22.183 668300	-26.47	-17.81	-1.65	0.33	0.43	0.45	540000 0	170000 0
37.5285478 70	22.740 310530	-27.38	-16.84	-1.53	0.29	0.42	0.45	545000 0	170000 0
37.4516981 80	23.295 905200	-28.10	-17.44	-1.16	0.25	0.41	0.49	550000 0	170000 0
37.3716029 10	23.850 412630	-27.99	-17.56	-0.88	0.32	0.45	0.57	555000 0	170000 0
37.2882722 80	24.403 793940	-27.51	-17.51	-0.75	0.34	0.45	0.60	560000 0	170000 0
37.2017169 00	24.956 011070	-26.78	-17.54	-0.28	0.31	0.42	0.59	565000 0	170000 0
37.1119476 60	25.507 026850	-26.14	-17.68	0.53	0.34	0.42	0.52	570000 0	170000 0
37.0189757 90	26.056 804950	-27.23	-17.53	0.79	0.42	0.44	0.55	575000 0	170000 0
36.9228128 10	26.605 309970	-28.18	-17.06	0.24	0.44	0.42	0.61	580000 0	170000 0
36.8234705	27.152	-28.22	-16.17	-0.53	0.47	0.39	0.59	585000	170000





#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northing
40	507410							0	0
36.720961090	27.698363690	-26.99	-14.59	-1.21	0.52	0.36	0.56	590000	170000
36.615296830	28.242846190	-23.66	-13.59	-1.44	0.59	0.39	0.59	595000	170000
36.506490390	28.785923250	-20.07	-14.04	-1.86	0.63	0.38	0.53	600000	170000
36.394554650	29.327564170	-20.17	-15.66	-1.99	0.69	0.38	0.55	605000	170000
36.279502740	29.867739250	-4.07	-9.47	-1.79	0.36	0.34	0.64	610000	170000
36.161348000	30.406419780	-4.78	-10.10	-1.63	0.38	0.36	0.69	615000	170000
36.040103990	30.943578050	-3.73	-10.21	-1.47	0.42	0.41	0.75	620000	170000
35.788403440	32.013222030	-1.11	-9.49	-1.37	0.41	0.41	0.75	630000	170000
35.657974980	32.545657410	0.15	-8.77	-1.38	0.37	0.38	0.68	635000	170000
35.524513420	33.076469860	1.51	-7.90	-1.28	0.33	0.34	0.58	640000	170000
35.388033210	33.605636790	3.02	-7.60	-0.89	0.30	0.30	0.53	645000	170000
35.248548970	34.133136640	4.05	-7.64	-0.72	0.32	0.32	0.61	650000	170000
35.106075430	34.658948870	4.56	-7.89	-0.67	0.40	0.40	0.73	655000	170000
34.812220030	35.705433520	8.42	-5.28	-0.57	0.47	1.00	0.78	665000	170000
36.397519660	-6.956577245	0.42	-2.17	-0.72	0.37	0.38	0.65	280000	165000
36.495633660	-6.412352794	0.48	-2.77	-0.62	0.25	0.26	0.44	285000	165000
36.590586940	-5.866862070	0.50	-3.06	-0.27	0.27	0.28	0.46	290000	165000
36.682368070	-5.320138884	0.21	-3.09	0.14	0.24	0.24	0.40	295000	165000
36.770965900	-4.772217922	-0.50	-2.99	-0.34	0.25	0.26	0.43	300000	165000
36.856369590	-4.223134732	-1.02	-2.84	-0.88	0.26	0.27	0.44	305000	165000
36.938568600	-3.672925699	-1.13	-2.64	-0.83	0.25	0.25	0.45	310000	165000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
37.0814076 00	22.657 724480	-28.15	-18.66	-1.78	0.31	0.39	0.46	545000 0	165000 0
37.0051316 90	23.209 907260	-28.25	-17.62	-1.55	0.31	0.40	0.51	550000 0	165000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
36.9256325 40	23.761 033280	-27.70	-17.46	-1.03	0.36	0.44	0.61	555000 0	165000 0
36.8429200 90	24.311 064650	-27.12	-17.41	-0.74	0.28	0.37	0.57	560000 0	165000 0
36.7570046 20	24.859 964310	-27.30	-17.61	0.03	0.33	0.39	0.58	565000 0	165000 0
36.6678967 20	25.407 696000	-28.26	-17.80	1.04	0.35	0.38	0.53	570000 0	165000 0
36.5756072 90	25.954 224300	-28.99	-17.01	1.06	0.39	0.40	0.57	575000 0	165000 0
36.4801475 20	26.499 514670	-29.89	-15.69	0.37	0.41	0.37	0.62	580000 0	165000 0
36.3815288 90	27.043 533440	-30.04	-14.07	-0.58	0.48	0.37	0.58	585000 0	165000 0
36.2797631 50	27.586 247830	-29.53	-11.66	-1.12	0.50	0.33	0.51	590000 0	165000 0
36.1748623 30	28.127 626000	-26.45	-10.54	-1.34	0.54	0.32	0.55	595000 0	165000 0
36.0668387 10	28.667 636990	-23.52	-13.04	-1.63	0.65	0.40	0.65	600000 0	165000 0
35.9557048 00	29.206 250820	-22.77	-15.20	-1.73	0.72	0.43	0.70	605000 0	165000 0
35.8414733 50	29.743 438420	-4.13	-8.03	-1.65	0.42	0.40	0.74	610000 0	165000 0
35.7241573 30	30.279 171710	-4.11	-8.75	-1.53	0.42	0.41	0.77	615000 0	165000 0
35.3538347 30	31.877 379340	-1.14	-8.38	-1.33	0.43	0.43	0.78	630000 0	165000 0
35.2243142 40	32.407 033920	0.05	-7.63	-1.37	0.40	0.40	0.72	635000 0	165000 0
35.0917769 90	32.935 108380	1.35	-6.61	-1.38	0.30	0.32	0.57	640000 0	165000 0
34.9562370 40	33.461 580540	2.86	-6.71	-0.85	0.28	0.29	0.50	645000 0	165000 0
34.8177086 10	33.986 429200	3.74	-6.79	-0.68	0.35	0.35	0.65	650000 0	165000 0
34.6762060 50	34.509 634170	4.34	-6.96	-0.61	0.41	0.41	0.74	655000 0	165000 0
36.0523973 50	- 6.3089 54064	0.46	-3.15	-0.69	0.34	0.34	0.59	285000 0	160000 0
36.1466635 10	- 5.7666 31169	0.61	-4.05	-0.58	0.25	0.26	0.42	290000 0	160000 0
36.2377780 10	- 5.2231 09737	0.38	-3.89	-0.37	0.25	0.27	0.43	295000 0	160000 0
36.3257300 20	- 4.6784	-0.24	-3.43	-0.65	0.32	0.33	0.55	300000 0	160000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	23603								
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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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	0.16	-3.56	-0.82	0.37	0.37	0.62	300000 0	155000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	13157								
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 10	32.659 623750	0.66	-6.11	-0.94	0.44	0.44	0.80	640000 0	155000 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	-	0.36	-2.43	-0.93	0.39	0.39	0.70	175000	150000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
80	17.561 261570							0	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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 44125	0.48	-0.74	-0.98	0.44	0.44	0.82	330000 0	145000 0
36.0779239 90	12.519 108060	2.07	-1.62	-1.41	0.39	0.39	0.67	455000 0	145000 0
36.0614488	13.068	2.38	-1.74	-1.47	0.39	0.39	0.68	460000	145000





#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
00	726590							0	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
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



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 70	- 16.387 124760	0.31	-3.12	-1.01	0.36	0.36	0.63	175000 0	110000 0
29.0772384 00	- 15.899 213420	0.29	-2.65	-1.10	0.40	0.40	0.71	180000 0	110000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 70	- 17.560 861290	0.14	-3.38	-1.28	0.32	0.33	0.56	160000 0	100000 0
27.7549194 90	- 17.080 746890	0.47	-3.33	-1.23	0.32	0.35	0.60	165000 0	100000 0



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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 65	- 15.374 671836	0.49	-2.72	-1.27	0.37	0.38	0.66	180000 0	900000
27.4850153 24	- 14.893 380558	0.58	-2.90	-1.24	0.38	0.38	0.67	185000 0	900000



#Latitude	Longit ude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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