

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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
70.7928089	24.328769320	0.38	-0.42	1.53	0.36	0.36	0.63	4850000	5350000
70.6941237	25.634460550	0.51	-0.28	1.84	0.30	0.30	0.49	4900000	5350000
70.5870791	26.927712790	0.54	-0.09	2.27	0.26	0.26	0.44	4950000	5350000
70.4718060	28.207745270	0.38	-0.02	2.31	0.36	0.36	0.61	5000000	5350000
70.3484425	29.473838620	0.22	-0.03	2.36	0.36	0.36	0.61	5050000	5350000
70.2171327	30.725335900	0.08	-0.07	2.37	0.25	0.25	0.42	5100000	5350000
70.0780259	31.961642960	-0.06	0.03	2.10	0.36	0.36	0.61	5150000	5350000
69.9312759	33.182228280	-0.17	0.14	1.71	0.42	0.42	0.76	5200000	5350000
69.7770406	34.386622290	-0.30	0.20	1.27	0.44	0.44	0.82	5250000	5350000
70.7056729	17.477120410	0.55	-0.73	-0.70	0.43	0.43	0.79	4600000	5300000
70.6517784	18.802309040	0.48	-0.70	0.09	0.42	0.42	0.76	4650000	5300000
70.5892001	20.120338470	0.38	-0.68	0.84	0.39	0.39	0.70	4700000	5300000
70.5180180	21.430225720	0.27	-0.65	1.51	0.34	0.34	0.63	4750000	5300000
70.4383219	22.731029560	0.23	-0.57	2.03	0.29	0.29	0.56	4800000	5300000
70.3502105	24.021854360	0.32	-0.42	2.33	0.34	0.34	0.60	4850000	5300000
70.2537914	25.301853310	0.46	-0.18	2.59	0.34	0.34	0.58	4900000	5300000
70.1491798	26.570231160	0.53	0.03	2.87	0.28	0.28	0.46	4950000	5300000
70.0364985	27.826246410	0.42	0.10	2.88	0.33	0.33	0.55	5000000	5300000
69.9158765	29.069212810	0.28	0.14	2.88	0.38	0.38	0.65	5050000	5300000
69.7874490	30.298500470	0.14	0.16	2.81	0.38	0.38	0.66	5100000	5300000
69.6513560	31.513536390	0.00	0.20	2.55	0.40	0.40	0.71	5150000	5300000
69.5077424	32.713804430	-0.12	0.27	2.15	0.43	0.43	0.78	5200000	5300000
69.3567564	33.898844950	-0.23	0.32	1.67	0.44	0.44	0.82	5250000	5300000
70.2546392	17.316975690	0.64	-0.74	-0.06	0.41	0.41	0.73	4600000	5250000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northиng
70.202000830	18.614481320	0.56	-0.71	0.82	0.37	0.38	0.66	4650000	5250000
70.140872710	19.905313690	0.41	-0.71	1.62	0.33	0.33	0.59	4700000	5250000
70.071329360	21.188552080	0.20	-0.72	2.32	0.22	0.22	0.46	4750000	5250000
69.993454440	22.463313100	0.17	-0.61	2.81	0.24	0.24	0.46	4800000	5250000
69.907340230	23.728754090	0.23	-0.41	3.07	0.26	0.26	0.51	4850000	5250000
69.813087080	24.984076140	0.40	-0.11	3.24	0.36	0.36	0.62	4900000	5250000
69.710802860	26.228526630	0.45	0.11	3.39	0.30	0.30	0.51	4950000	5250000
69.600602340	27.461401280	0.40	0.25	3.46	0.29	0.29	0.48	5000000	5250000
69.482606580	28.682045650	0.29	0.33	3.50	0.39	0.38	0.67	5050000	5250000
69.356942280	29.889856290	0.17	0.36	3.38	0.41	0.41	0.73	5100000	5250000
69.223741170	31.084281270	0.05	0.39	3.08	0.42	0.42	0.77	5150000	5250000
69.083139360	32.264820430	-0.07	0.41	2.64	0.43	0.43	0.80	5200000	5250000
66.521769440	-24.480610650	4.54	-16.07	-0.31	0.41	0.41	0.73	2850000	5200000
66.735157460	-23.495135330	4.28	-16.90	1.18	0.40	0.41	0.72	2900000	5200000
69.846802170	15.887754840	0.81	-0.75	-0.36	0.38	0.38	0.67	4550000	5200000
69.803727050	17.164132330	0.72	-0.77	0.65	0.36	0.36	0.62	4600000	5200000
69.752287390	18.435173150	0.63	-0.73	1.64	0.27	0.28	0.46	4650000	5200000
69.692543720	19.699984100	0.50	-0.69	2.41	0.28	0.28	0.48	4700000	5200000
69.624565560	20.957701810	0.37	-0.63	2.99	0.30	0.30	0.53	4750000	5200000
69.548431020	22.207496270	0.33	-0.47	3.41	0.27	0.26	0.50	4800000	5200000
69.464226330	23.448573990	0.40	-0.20	3.67	0.32	0.32	0.56	4850000	5200000
69.372045350	24.680180740	0.44	0.03	3.93	0.37	0.37	0.63	4900000	5200000
69.271989060	25.901603940	0.44	0.23	4.14	0.38	0.37	0.64	4950000	5200000
69.1641650	27.112	0.39	0.42	4.24	0.37	0.36	0.64	5000000	5200000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг	
30	174570							0	0	
69.0486868	28.311268660	0.30	0.54	4.26	0.39	0.38	0.68	5050000	5200000	
30	68.9256734	29.498308370	0.18	0.55	4.09	0.41	0.40	0.72	5100000	5200000
68.7952488	30.672762690	0.07	0.55	3.72	0.42	0.42	0.76	5150000	5200000	
30	68.6575410	31.834147720	-0.04	0.54	3.20	0.43	0.43	0.79	5200000	5200000
90	68.5126821	32.982026570	-0.12	0.55	2.59	0.43	0.43	0.81	5250000	5200000
60	66.1343886	-23.905591150	4.60	-16.89	-0.05	0.33	0.34	0.57	2850000	5150000
60	66.3441754	-22.929735060	4.24	-17.72	1.75	0.32	0.32	0.54	2900000	5150000
30	66.5483726	-21.939072180	4.84	-17.40	0.74	0.40	0.40	0.71	2950000	5150000
40	66.7468455	-20.933623570	5.06	-17.24	-1.29	0.43	0.43	0.78	3000000	5150000
10	69.4289319	14.512570610	0.84	-0.82	-0.62	0.38	0.38	0.68	4500000	5150000
70	69.3950503	15.767401640	0.98	-0.71	0.26	0.25	0.24	0.43	4550000	5150000
40	69.3529384	17.018105960	0.68	-0.83	1.47	0.28	0.29	0.49	4600000	5150000
90	69.3026438	18.263823090	0.40	-0.90	2.62	0.23	0.25	0.43	4650000	5150000
30	69.2442232	19.503715790	0.43	-0.77	3.25	0.21	0.24	0.43	4700000	5150000
30	69.1777414	20.736973470	0.58	-0.49	3.65	0.29	0.29	0.49	4750000	5150000
00	69.1032715	21.962815500	0.60	-0.23	3.98	0.30	0.30	0.49	4800000	5150000
30	69.0208941	23.180494020	0.60	0.08	4.20	0.17	0.17	0.28	4850000	5150000
30	68.9306972	24.389296530	0.51	0.15	4.62	0.35	0.35	0.59	4900000	5150000
30	68.8327754	25.588548040	0.45	0.32	4.89	0.39	0.38	0.67	4950000	5150000
70	68.7272296	26.777612880	0.38	0.56	5.06	0.38	0.35	0.66	5000000	5150000
90	68.6141665	27.955896160	0.28	0.77	5.12	0.36	0.30	0.62	5050000	5150000
10	68.4936981	29.122844840	0.19	0.74	4.91	0.37	0.36	0.64	5100000	5150000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east in g	north in g
68.365940840	30.277948430	0.07	0.70	4.45	0.40	0.39	0.70	5150000	5150000
68.231015580	31.420739390	-0.03	0.67	3.82	0.42	0.42	0.77	5200000	5150000
68.089046790	32.550793170	-0.11	0.64	3.11	0.42	0.42	0.80	5250000	5150000
65.533143170	-24.301625800	4.50	-16.81	-1.08	0.37	0.39	0.65	2800000	5100000
65.744857230	-23.349544250	4.63	-17.50	0.30	0.31	0.33	0.53	2850000	5100000
65.951145610	-22.383310850	4.63	-17.59	1.92	0.31	0.32	0.52	2900000	5100000
66.151880090	-21.402935420	4.89	-17.58	0.97	0.39	0.40	0.68	2950000	5100000
66.346931510	-20.408454240	5.23	-17.32	-0.97	0.42	0.42	0.75	3000000	5100000
66.536170000	-19.399931650	5.81	-16.76	-3.47	0.42	0.43	0.77	3050000	5100000
66.719465280	-18.377461690	4.37	-14.40	-4.80	0.43	0.43	0.79	3100000	5100000
69.001652850	13.189302840	0.75	-0.95	-0.82	0.41	0.41	0.74	4450000	5100000
68.976603920	14.422331180	0.75	-0.93	0.15	0.37	0.37	0.66	4500000	5100000
68.943465770	15.652322910	0.71	-0.92	1.21	0.30	0.30	0.51	4550000	5100000
68.902274570	16.878453980	0.49	-1.00	2.42	0.25	0.27	0.46	4600000	5100000
68.853074960	18.099917810	0.34	-0.98	3.51	0.24	0.26	0.45	4650000	5100000
68.795919780	19.315928570	0.45	-0.75	4.05	0.30	0.31	0.54	4700000	5100000
68.730869810	20.525724420	0.65	-0.45	4.42	0.30	0.30	0.52	4750000	5100000
68.657993420	21.728570430	0.74	-0.19	4.76	0.29	0.27	0.50	4800000	5100000
68.577366190	22.923761160	0.63	0.01	5.10	0.29	0.29	0.49	4850000	5100000
68.489070550	24.110623030	0.53	0.14	5.44	0.28	0.27	0.47	4900000	5100000
68.393195300	25.288516330	0.41	0.32	5.66	0.37	0.37	0.64	4950000	5100000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
68.289835230	26.456836950	0.32	0.53	5.79	0.38	0.37	0.66	5000000	5100000
68.179090630	27.615017710	0.24	0.73	5.84	0.36	0.34	0.61	5050000	5100000
68.061066800	28.762529440	0.17	0.85	5.78	0.23	0.23	0.38	5100000	5100000
67.935873630	29.898881720	0.05	0.80	5.18	0.34	0.34	0.59	5150000	5100000
67.803625050	31.023623330	-0.07	0.74	4.41	0.41	0.41	0.74	5200000	5100000
67.664438590	32.136342350	-0.16	0.72	3.62	0.43	0.42	0.79	5250000	5100000
65.145001470	-23.754746400	4.48	-17.57	-1.41	0.29	0.35	0.53	2800000	5050000
65.353284700	-22.811653060	4.45	-17.57	0.29	0.29	0.33	0.51	2850000	5050000
65.556174460	-21.855024690	4.95	-17.99	2.10	0.27	0.33	0.49	2900000	5050000
65.753547730	-20.884885520	5.52	-17.67	1.90	0.38	0.39	0.66	2950000	5050000
65.945280690	-19.901284900	5.95	-17.73	0.36	0.40	0.40	0.70	3000000	5050000
66.131249070	-18.904298820	6.84	-17.13	-3.35	0.38	0.39	0.67	3050000	5050000
66.311328380	-17.894031300	5.32	-14.15	-3.46	0.39	0.40	0.69	3100000	5050000
66.485394200	-16.870615750	1.94	-8.55	-0.61	0.41	0.41	0.75	3150000	5050000
66.653322550	-15.834216290	0.24	-2.03	-1.63	0.43	0.43	0.80	3200000	5050000
68.565550340	11.915815560	0.75	-1.02	-1.14	0.41	0.41	0.74	4400000	5050000
68.548983140	13.126924890	0.70	-1.05	-0.12	0.38	0.38	0.66	4450000	5050000
68.524473160	14.335975300	0.58	-1.08	1.02	0.32	0.32	0.58	4500000	5050000
68.492046130	15.542181650	0.58	-1.05	2.14	0.27	0.28	0.47	4550000	5050000
68.451735880	16.744771240	0.56	-1.01	3.21	0.28	0.30	0.45	4600000	5050000
68.4035841	17.942	0.51	-0.93	4.10	0.31	0.33	0.52	4650000	5050000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
90	986970							0	0
68.3476405 40	19.136 090460	0.54	-0.74	4.70	0.36	0.36	0.60	470000 0	505000 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	7.35	-15.28	0.52	0.30	0.31	0.51	310000	500000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
66.6719996	32.422	-0.41	0.80	3.62	0.44	0.44	0.82	5300000	5000000
10	573760								
63.9437877	-24.525	3.53	-15.52	-5.16	0.41	0.42	0.76	2700000	4950000
50	468360								
64.1558021	-23.625	3.88	-16.21	-5.88	0.37	0.37	0.66	2750000	4950000
70	153920								
64.3627170	-22.712	3.87	-16.99	-2.99	0.32	0.32	0.55	2800000	4950000
30	417710								
64.5644205	-21.787	4.51	-18.24	0.72	0.26	0.28	0.47	2850000	4950000
00	265400								
64.7607998	-20.849	4.77	-18.96	4.70	0.28	0.31	0.50	2900000	4950000
60	722980								
64.9517418	-19.899	6.31	-18.52	10.23	0.26	0.29	0.49	2950000	4950000
30	837920								
65.1371326	-18.937	9.32	-17.82	12.63	0.31	0.32	0.54	3000000	4950000
90	680430								
65.3168585	-17.963	11.63	-18.03	8.11	0.29	0.31	0.50	3050000	4950000
60	344500								
65.4908056	-16.976	8.92	-12.70	4.60	0.24	0.25	0.40	3100000	4950000
70	949070								
65.6588606	-15.978	1.44	-0.18	4.93	0.34	0.34	0.57	3150000	4950000
20	639070								
65.8209106	-14.968	0.65	-0.35	-0.36	0.41	0.41	0.73	3200000	4950000
60	586340								
65.9768440	-13.946	0.90	-0.61	-0.95	0.43	0.43	0.81	3250000	4950000
10	990570								
67.6684183	10.677	0.79	-1.18	-0.87	0.42	0.42	0.76	4350000	4950000
00	077330								
67.6601671	11.844	0.76	-1.16	0.10	0.37	0.37	0.65	4400000	4950000
00	050690								
67.6442839	13.009	0.70	-1.15	1.19	0.29	0.29	0.47	4450000	4950000
90	910850								
67.6207842	14.173	0.57	-1.19	2.48	0.29	0.31	0.49	4500000	4950000
80	958370								
67.5896905	15.335	0.49	-1.18	3.68	0.26	0.27	0.44	4550000	4950000
70	501120								
67.5510325	16.493	0.52	-1.09	4.53	0.31	0.29	0.52	4600000	4950000
80	857030								



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
64.907548540	-17.516480240	16.69	-21.14	17.16	0.27	0.31	0.50	3050000	4900000
65.078571750	-16.541739530	5.64	-4.95	10.92	0.30	0.32	0.52	3100000	4900000
65.243763710	-15.555648400	2.66	1.20	8.03	0.32	0.33	0.55	3150000	4900000
65.403016860	-14.558380800	1.16	0.11	0.75	0.40	0.40	0.71	3200000	4900000
65.556224660	-13.550136640	1.09	-0.03	-0.34	0.43	0.43	0.80	3250000	4900000
67.215888230	10.664698780	0.78	-1.27	-0.26	0.42	0.42	0.77	4350000	4900000
67.207803930	11.810353940	0.73	-1.29	0.76	0.39	0.39	0.68	4400000	4900000
67.192241760	12.954962720	0.65	-1.27	1.92	0.34	0.35	0.58	4450000	4900000
67.169216100	14.097867470	0.49	-1.27	3.22	0.24	0.28	0.43	4500000	4900000
67.138748150	15.238417150	0.40	-1.24	4.38	0.27	0.27	0.46	4550000	4900000
67.100865830	16.375969810	0.49	-1.14	5.19	0.27	0.26	0.47	4600000	4900000
67.055603670	17.509894970	0.71	-0.95	5.61	0.24	0.24	0.40	4650000	4900000
67.003002570	18.639575880	0.67	-0.75	6.22	0.31	0.31	0.52	4700000	4900000
66.943109700	19.764411710	0.56	-0.56	6.82	0.37	0.37	0.63	4750000	4900000
66.875978200	20.883819520	0.44	-0.37	7.29	0.38	0.38	0.65	4800000	4900000
66.801667000	21.997236130	0.32	-0.16	7.63	0.37	0.37	0.63	4850000	4900000
66.720240510	23.104119770	0.19	0.07	7.87	0.34	0.34	0.57	4900000	4900000
66.631768330	24.203951590	0.07	0.30	7.98	0.35	0.34	0.59	4950000	4900000
66.536325000	25.296236950	-0.03	0.55	7.98	0.35	0.32	0.59	5000000	4900000
66.433989630	26.380506560	-0.11	0.68	7.69	0.37	0.34	0.64	5050000	4900000
66.324845600	27.456317350	-0.18	0.74	7.17	0.38	0.37	0.66	5100000	4900000
66.208980230	28.523253220	-0.26	0.86	6.54	0.34	0.33	0.57	5150000	4900000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
66.08648440	29.580925560	-0.37	0.95	5.80	0.32	0.31	0.54	5200000	4900000
65.957452380	30.628973610	-0.47	0.92	5.02	0.40	0.40	0.71	5250000	4900000
65.821981140	31.667064610	-0.56	0.88	4.18	0.43	0.43	0.79	5300000	4900000
65.680170390	32.694893810	-0.64	0.83	3.29	0.44	0.44	0.83	5350000	4900000
63.372435420	-22.629977310	3.55	-7.95	-9.17	0.40	0.40	0.72	2750000	4850000
63.573061730	-21.734013580	3.19	-1.71	-3.33	0.36	0.36	0.62	2800000	4850000
63.768542520	-20.826650020	2.42	-2.77	3.38	0.32	0.33	0.53	2850000	4850000
63.958773750	-19.907931920	1.17	-11.21	14.82	0.26	0.26	0.46	2900000	4850000
64.143651070	-18.977924000	2.13	-8.52	17.59	0.30	0.30	0.52	2950000	4850000
64.323069970	-18.036711390	2.33	-12.80	24.23	0.31	0.34	0.54	3000000	4850000
64.496926060	-17.084400460	8.69	-5.27	24.73	0.34	0.35	0.58	3050000	4850000
64.665115270	-16.121119740	0.94	6.17	19.84	0.30	0.32	0.51	3100000	4850000
64.827534130	-15.147020660	2.23	4.30	10.20	0.30	0.32	0.52	3150000	4850000
64.984079960	-14.162278270	1.73	1.85	2.64	0.39	0.40	0.70	3200000	4850000
66.755649970	11.777998980	0.71	-1.38	1.37	0.37	0.38	0.64	4400000	4850000
66.740395780	12.902199730	0.62	-1.35	2.51	0.28	0.30	0.48	4450000	4850000
66.717825060	14.024796620	0.45	-1.31	3.86	0.26	0.29	0.46	4500000	4850000
66.687957760	15.145176550	0.39	-1.24	5.07	0.25	0.28	0.47	4550000	4850000
66.650820110	16.262734640	0.48	-1.10	5.76	0.31	0.32	0.54	4600000	4850000
66.606444590	17.376876380	0.59	-0.94	6.24	0.30	0.30	0.50	4650000	4850000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
66.554869680	18.487019730	0.57	-0.76	6.77	0.29	0.29	0.47	4700000	4850000
66.496139790	19.592597070	0.50	-0.60	7.26	0.33	0.33	0.54	4750000	4850000
66.430304950	20.693057010	0.41	-0.40	7.62	0.34	0.34	0.56	4800000	4850000
66.357420680	21.787866130	0.29	-0.20	7.97	0.33	0.33	0.55	4850000	4850000
66.277547700	22.876510460	0.14	0.01	8.28	0.16	0.16	0.26	4900000	4850000
66.190751670	23.958496930	-0.01	0.24	8.42	0.25	0.25	0.42	4950000	4850000
66.097102940	25.033354540	-0.11	0.46	8.29	0.31	0.30	0.52	5000000	4850000
65.996676240	26.100635420	-0.17	0.61	7.88	0.36	0.34	0.62	5050000	4850000
65.889550410	27.159915710	-0.25	0.72	7.33	0.36	0.33	0.63	5100000	4850000
65.775808050	28.210796240	-0.34	0.89	6.70	0.33	0.32	0.56	5150000	4850000
65.655535240	29.252903100	-0.47	0.99	6.00	0.31	0.30	0.52	5200000	4850000
65.528821250	30.285887960	-0.56	0.95	5.24	0.39	0.39	0.69	5250000	4850000
65.395758160	31.309428310	-0.65	0.90	4.39	0.42	0.42	0.77	5300000	4850000
65.256440610	32.323227490	-0.71	0.84	3.49	0.44	0.44	0.82	5350000	4850000
65.110965460	33.327014620	-0.77	0.77	2.58	0.44	0.44	0.84	5400000	4850000
63.368181660	-20.368602820	1.06	-1.04	1.65	0.18	0.23	0.33	2850000	4800000
63.555467360	-19.459169940	-0.87	-2.29	7.04	0.33	0.34	0.56	2900000	4800000
63.737442060	-18.538934050	-1.22	-1.25	14.77	0.34	0.35	0.58	2950000	4800000
63.914005590	-17.607985940	-4.52	-1.25	20.39	0.15	0.24	0.34	3000000	4800000
64.085057960	-16.666436510	-1.99	3.88	24.95	0.34	0.35	0.58	3050000	4800000
64.250499600	-15.714417450	-2.06	6.80	15.20	0.28	0.28	0.46	3100000	4800000
64.410231620	-14.752	0.30	5.08	7.64	0.29	0.29	0.49	3150000	4800000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
63.329883770	-18.113748220	-2.73	1.34	13.13	0.39	0.40	0.69	2950000	4750000
63.503674850	-17.192917760	-4.65	3.11	19.50	0.37	0.39	0.66	3000000	4750000
63.672006600	-16.261956440	-4.69	5.65	22.26	0.38	0.39	0.67	3050000	4750000
63.834783750	-15.320998280	-3.03	5.14	14.66	0.36	0.36	0.62	3100000	4750000
63.991911760	-14.370197530	-0.70	3.49	7.76	0.37	0.37	0.64	3150000	4750000
64.143297020	-13.409729140	0.40	2.12	3.50	0.41	0.41	0.75	3200000	4750000
65.859562900	10.630409880	0.78	-1.47	1.41	0.38	0.38	0.67	4350000	4750000
65.851940360	11.717008010	0.74	-1.50	2.58	0.27	0.27	0.44	4400000	4750000
65.837266220	12.802730950	0.53	-1.48	3.85	0.27	0.27	0.45	4450000	4750000
65.815552480	13.887028210	0.37	-1.39	5.09	0.24	0.25	0.45	4500000	4750000
65.786816800	14.969354230	0.45	-1.23	5.83	0.34	0.34	0.58	4550000	4750000
65.751082470	16.049170230	0.48	-1.08	6.54	0.32	0.32	0.54	4600000	4750000
65.708378290	17.125945980	0.49	-0.87	7.16	0.34	0.34	0.57	4650000	4750000
65.658738470	18.199161550	0.47	-0.62	7.73	0.34	0.34	0.57	4700000	4750000
65.602202440	19.268308920	0.43	-0.44	8.15	0.33	0.33	0.55	4750000	4750000
65.538814730	20.332893520	0.31	-0.33	8.36	0.30	0.30	0.50	4800000	4750000
65.468624750	21.392435670	0.14	-0.24	8.51	0.27	0.27	0.45	4850000	4750000
65.391686630	22.446471910	0.03	-0.07	8.72	0.33	0.33	0.57	4900000	4750000
65.308058950	23.494556130	-0.07	0.16	8.72	0.36	0.36	0.63	4950000	4750000
65.217804570	24.536260690	-0.20	0.45	8.46	0.36	0.36	0.62	5000000	4750000
65.120990340	25.571177330	-0.33	0.73	8.00	0.24	0.24	0.40	5050000	4750000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east in g	north in g
65.017686880	26.598917920	-0.44	0.81	7.45	0.32	0.31	0.53	5100000	4750000
64.907968310	27.619115180	-0.56	0.83	6.89	0.38	0.36	0.65	5150000	4750000
64.791912000	28.631423140	-0.68	0.87	6.29	0.36	0.32	0.63	5200000	4750000
64.669598280	29.635517570	-0.75	0.89	5.55	0.35	0.34	0.60	5250000	4750000
64.541110190	30.631096180	-0.79	0.88	4.71	0.36	0.36	0.62	5300000	4750000
64.406533210	31.617878810	-0.81	0.83	3.79	0.41	0.41	0.73	5350000	4750000
64.265955000	32.595607400	-0.84	0.75	2.84	0.43	0.43	0.80	5400000	4750000
64.119465110	33.564045920	-0.87	0.69	1.87	0.44	0.44	0.84	5450000	4750000
63.257830130	-15.870362800	-4.81	5.02	19.40	0.42	0.42	0.76	3050000	4700000
63.418022670	-14.940263360	-3.23	4.11	14.13	0.42	0.42	0.76	3100000	4700000
63.572626180	-14.000768720	-1.27	2.87	8.34	0.42	0.42	0.77	3150000	4700000
65.408404660	9.551144124	0.77	-1.42	0.77	0.41	0.41	0.74	4300000	4700000
65.407850470	10.619840490	0.78	-1.44	1.80	0.37	0.37	0.65	4350000	4700000
65.400370080	11.688233120	0.73	-1.44	3.01	0.31	0.31	0.52	4400000	4700000
65.385969360	12.755799330	0.55	-1.42	4.28	0.30	0.29	0.50	4450000	4700000
65.364659610	13.822019210	0.45	-1.32	5.33	0.29	0.28	0.50	4500000	4700000
65.336457500	14.886377300	0.55	-1.17	6.05	0.32	0.32	0.53	4550000	4700000
65.301384990	15.948364330	0.53	-1.04	6.76	0.25	0.25	0.40	4600000	4700000
65.259469270	17.007478830	0.48	-0.83	7.42	0.31	0.31	0.52	4650000	4700000
65.210742610	18.063228670	0.49	-0.54	8.09	0.30	0.30	0.50	4700000	4700000
65.155242240	19.115132620	0.44	-0.33	8.59	0.25	0.25	0.40	4750000	4700000
65.093010220	20.162721690	0.25	-0.31	8.78	0.32	0.32	0.53	4800000	4700000
65.024093250	21.205540520	0.01	-0.27	8.87	0.22	0.21	0.35	4850000	4700000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
64.948542480	22.243148530	-0.09	-0.18	8.86	0.33	0.33	0.56	4900000	4700000
64.866413350	23.275121050	-0.17	0.11	8.74	0.39	0.39	0.67	4950000	4700000
64.777765320	24.301050300	-0.27	0.43	8.43	0.39	0.39	0.68	5000000	4700000
64.682661730	25.320546270	-0.37	0.68	7.92	0.36	0.36	0.61	5050000	4700000
64.581169480	26.333237480	-0.49	0.79	7.37	0.36	0.35	0.62	5100000	4700000
64.473358860	27.338771580	-0.63	0.80	6.77	0.37	0.33	0.64	5150000	4700000
64.359303290	28.336815840	-0.73	0.82	6.18	0.36	0.34	0.63	5200000	4700000
64.239079070	29.327057610	-0.81	0.86	5.53	0.30	0.29	0.50	5250000	4700000
64.112765120	30.309204510	-0.82	0.85	4.78	0.27	0.27	0.46	5300000	4700000
63.980442760	31.282984620	-0.81	0.79	3.90	0.39	0.39	0.69	5350000	4700000
63.842195430	32.248146540	-0.82	0.72	2.94	0.42	0.42	0.78	5400000	4700000
63.698108480	33.204459310	-0.87	0.65	1.93	0.44	0.43	0.83	5450000	4700000
63.548268900	34.151712290	-0.91	0.58	0.95	0.44	0.44	0.85	5500000	4700000
64.956867370	9.558515245	0.72	-1.39	1.11	0.39	0.39	0.69	4300000	4650000
64.956323320	10.609661770	0.74	-1.38	2.07	0.32	0.32	0.57	4350000	4650000
64.948979740	11.660521200	0.71	-1.35	3.27	0.29	0.29	0.52	4400000	4650000
64.934842170	12.710599460	0.56	-1.37	4.55	0.31	0.31	0.53	4450000	4650000
64.913921290	13.759405010	0.54	-1.30	5.49	0.22	0.21	0.36	4500000	4650000
64.886232820	14.806450360	0.61	-1.11	6.23	0.29	0.29	0.48	4550000	4650000
64.851797510	15.851253660	0.56	-0.97	6.84	0.26	0.26	0.43	4600000	4650000
64.810641030	16.893340160	0.40	-0.83	7.49	0.26	0.26	0.42	4650000	4650000
64.762793860	17.932243670	0.45	-0.61	8.31	0.31	0.31	0.51	4700000	4650000
64.708291210	18.967507920	0.43	-0.47	8.87	0.25	0.25	0.42	4750000	4650000
64.647172820	19.998687850	0.20	-0.36	9.09	0.33	0.33	0.55	4800000	4650000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
64.579482870	21.025350840	-0.04	-0.41	9.13	0.27	0.27	0.44	4850000	4650000
64.505269750	22.047077790	-0.19	-0.34	8.94	0.30	0.30	0.51	4900000	4650000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
64.261351140	18.825142620	0.23	-0.44	9.02	0.33	0.33	0.55	4750000	4600000
64.201306500	19.840470970	0.06	-0.32	9.24	0.33	0.33	0.55	4800000	4600000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east in g	north in g
63.952938120	15.667342010	0.30	-0.90	7.77	0.37	0.37	0.63	4600000	4550000
63.913218590	16.677143170	0.23	-0.71	8.28	0.39	0.38	0.66	4650000	4550000
63.867036440	17.684087740	0.15	-0.50	8.74	0.38	0.38	0.65	4700000	4550000
63.814423180	18.687764560	0.00	-0.31	9.10	0.34	0.34	0.57	4750000	4550000
63.755414450	19.687771890	-0.19	-0.20	9.23	0.25	0.25	0.42	4800000	4550000
63.690049850	20.683718410	-0.28	-0.07	9.10	0.24	0.24	0.40	4850000	4550000
63.618372840	21.675224210	-0.39	0.07	8.78	0.33	0.33	0.57	4900000	4550000
63.540430560	22.661921660	-0.49	0.25	8.33	0.35	0.33	0.61	4950000	4550000
63.456273680	23.643456230	-0.53	0.47	7.77	0.36	0.35	0.64	5000000	4550000
63.365956220	24.619487170	-0.62	0.63	7.00	0.35	0.34	0.62	5050000	4550000
63.269535380	25.589688190	-0.77	0.70	6.11	0.34	0.33	0.58	5100000	4550000
63.167071370	26.553747990	-0.86	0.73	5.62	0.35	0.33	0.61	5150000	4550000
63.058627180	27.511370700	-0.88	0.77	5.24	0.37	0.34	0.66	5200000	4550000
62.944268410	28.462276280	-0.86	0.77	4.68	0.39	0.37	0.68	5250000	4550000
62.824063070	29.406200780	-0.83	0.74	4.02	0.36	0.35	0.62	5300000	4550000
62.698081410	30.342896560	-0.81	0.68	3.29	0.32	0.31	0.54	5350000	4550000
62.566395640	31.272132420	-0.82	0.62	2.49	0.38	0.36	0.66	5400000	4550000
62.429079840	32.193693590	-0.86	0.57	1.56	0.42	0.41	0.77	5450000	4550000
62.286209680	33.107381780	-0.89	0.50	0.64	0.44	0.44	0.83	5500000	4550000
62.530065220	-8.042930322	0.01	-0.01	-0.76	0.45	0.45	0.88	3400000	4500000
62.641664170	-7.103394650	0.01	-0.01	-0.74	0.45	0.45	0.88	3450000	4500000
62.747419130	-6.157502502	0.01	-0.01	-0.72	0.45	0.45	0.88	3500000	4500000
63.566179700	6.575254007	0.46	-1.19	0.27	0.37	0.37	0.67	4150000	4500000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
63.584988420	7.575653542	0.38	-1.24	1.04	0.26	0.27	0.51	4200000	4500000
63.597362520	8.577067797	0.44	-1.22	1.73	0.26	0.27	0.48	4250000	4500000
63.603293670	9.579078573	0.37	-1.35	2.79	0.26	0.27	0.47	4300000	4500000
63.602777870	10.581265940	0.32	-1.37	3.97	0.28	0.28	0.48	4350000	4500000
63.595815470	11.583209460	0.17	-1.10	5.07	0.31	0.31	0.51	4400000	4500000
63.582411160	12.584489400	0.08	-0.96	5.97	0.33	0.33	0.54	4450000	4500000
63.562573960	13.584687950	0.13	-1.04	6.75	0.35	0.35	0.58	4500000	4500000
63.536317190	14.583390420	0.21	-1.04	7.58	0.25	0.25	0.40	4550000	4500000
63.503658410	15.580186420	0.20	-0.88	8.11	0.33	0.33	0.55	4600000	4500000
63.464619380	16.574671000	0.13	-0.66	8.49	0.38	0.38	0.65	4650000	4500000
63.419225930	17.566445790	0.05	-0.38	8.82	0.36	0.36	0.62	4700000	4500000
63.367507940	18.555120020	-0.09	-0.09	9.08	0.27	0.26	0.49	4750000	4500000
63.309499170	19.540311560	-0.31	-0.03	9.09	0.29	0.28	0.49	4800000	4500000
63.245237190	20.521647880	-0.43	0.05	8.86	0.33	0.33	0.55	4850000	4500000
63.174763200	21.498766900	-0.52	0.21	8.48	0.29	0.29	0.47	4900000	4500000
63.098121950	22.471317870	-0.60	0.37	8.07	0.32	0.32	0.54	4950000	4500000
63.015361550	23.438962070	-0.65	0.53	7.49	0.35	0.33	0.61	5000000	4500000
62.926533300	24.401373530	-0.75	0.62	6.69	0.33	0.32	0.58	5050000	4500000
62.831691590	25.358239560	-0.97	0.59	5.73	0.25	0.25	0.41	5100000	4500000
62.730893640	26.309261360	-0.99	0.66	5.23	0.31	0.30	0.52	5150000	4500000
62.624199410	27.254154380	-0.94	0.74	4.87	0.37	0.35	0.64	5200000	4500000
62.511671350	28.192648740	-0.91	0.75	4.30	0.37	0.35	0.65	5250000	4500000
62.393374260	29.124489480	-0.89	0.70	3.60	0.35	0.34	0.59	5300000	4500000
62.269375100	30.049436790	-0.89	0.67	2.80	0.23	0.23	0.37	5350000	4500000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
62.139742780	30.967266130	-0.88	0.61	2.10	0.37	0.37	0.64	5400000	4500000
62.004548020	31.877768290	-0.87	0.55	1.27	0.42	0.42	0.76	5450000	4500000
61.863863110	32.780749420	-0.89	0.48	0.43	0.44	0.44	0.82	5500000	4500000
61.981181100	-8.704918319	0.01	-0.01	-0.77	0.45	0.45	0.88	3350000	4450000
62.096722660	-7.783818110	0.01	-0.01	-0.75	0.45	0.45	0.88	3400000	4450000
62.206560980	-6.856410874	0.01	-0.01	-0.73	0.45	0.45	0.88	3450000	4450000
62.310634640	-5.922945078	0.01	-0.01	-0.71	0.45	0.45	0.88	3500000	4450000
63.091134480	5.643140223	0.50	-1.09	0.04	0.38	0.38	0.68	4100000	4450000
63.115938490	6.627079644	0.35	-1.18	0.77	0.31	0.31	0.57	4150000	4450000
63.134428600	7.612376043	0.20	-1.25	1.54	0.27	0.27	0.50	4200000	4450000
63.146592860	8.598635263	0.21	-1.26	2.43	0.25	0.26	0.48	4250000	4450000
63.152423350	9.585460457	0.31	-1.33	3.40	0.29	0.29	0.51	4300000	4450000
63.151916310	10.572453200	0.30	-1.31	4.38	0.28	0.27	0.46	4350000	4450000
63.145072050	11.559214580	0.11	-0.98	5.33	0.29	0.28	0.47	4400000	4450000
63.131895020	12.545346360	-0.02	-0.86	6.14	0.29	0.29	0.49	4450000	4450000
63.112393770	13.530452050	-0.03	-1.04	6.84	0.28	0.28	0.46	4500000	4450000
63.086580920	14.514138010	0.01	-1.03	7.58	0.28	0.28	0.46	4550000	4450000
63.054473120	15.496014570	0.05	-0.86	8.15	0.35	0.35	0.59	4600000	4450000
63.016090970	16.475697050	0.02	-0.63	8.51	0.38	0.38	0.64	4650000	4450000
62.971458990	17.452806790	-0.02	-0.35	8.67	0.30	0.30	0.50	4700000	4450000
62.920605500	18.426972120	-0.14	-0.10	8.79	0.28	0.27	0.47	4750000	4450000
62.863562530	19.397829330	-0.34	0.02	8.80	0.36	0.36	0.62	4800000	4450000
62.8003657	20.365	-0.50	0.12	8.53	0.37	0.37	0.63	485000	445000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
30	023510							0	0
62.7310542	21.328209390	-0.61	0.26	8.13	0.31	0.31	0.52	4900000	4450000
62.6556704	22.287052120	-0.70	0.45	7.70	0.33	0.33	0.56	4950000	4450000
62.5742602	23.241227960	-0.76	0.63	7.16	0.35	0.34	0.61	5000000	4450000
62.4868722	24.190424890	-0.84	0.74	6.49	0.34	0.33	0.60	5050000	4450000
62.3935582	25.134343240	-0.92	0.70	5.80	0.33	0.32	0.57	5100000	4450000
62.2943727	26.072696090	-0.95	0.71	5.19	0.34	0.33	0.59	5150000	4450000
62.1893726	27.005209790	-0.92	0.74	4.61	0.36	0.34	0.61	5200000	4450000
62.0786176	27.931624240	-0.91	0.73	4.02	0.35	0.33	0.61	5250000	4450000
61.9621694	28.851693200	-0.90	0.65	3.35	0.33	0.28	0.59	5300000	4450000
61.8400918	29.765184510	-0.92	0.61	2.59	0.36	0.35	0.62	5350000	4450000
61.7124506	30.671880240	-0.90	0.58	1.80	0.40	0.39	0.70	5400000	4450000
61.5793135	31.571576730	-0.89	0.52	1.01	0.42	0.42	0.77	5450000	4450000
61.5491923	-8.442452411	0.02	-0.01	-0.76	0.45	0.45	0.88	3350000	4400000
61.6629536	-7.532868594	0.02	-0.01	-0.75	0.45	0.45	0.88	3400000	4400000
61.7710861	-6.617266632	0.02	-0.01	-0.73	0.45	0.45	0.88	3450000	4400000
61.8735315	-5.695886383	0.02	-0.01	-0.71	0.45	0.45	0.88	3500000	4400000
62.6108452	4.739984393	0.43	-0.99	-0.17	0.38	0.38	0.68	4050000	4400000
62.6414315	5.707738382	0.49	-1.04	0.50	0.31	0.31	0.54	4100000	4400000
62.6658235	6.677152126	0.42	-1.10	1.19	0.27	0.27	0.47	4150000	4400000
62.6840060	7.647854660	0.23	-1.16	1.81	0.24	0.25	0.46	4200000	4400000
62.6959676	8.619471549	0.24	-1.20	2.60	0.29	0.29	0.51	4250000	4400000
62.7017010	9.591625893	0.28	-1.24	3.57	0.34	0.35	0.58	4300000	4400000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
62.701202410	10.563939330	0.21	-1.21	4.54	0.35	0.36	0.60	4350000	4400000
62.694472200	11.536033090	0.13	-1.08	5.38	0.35	0.35	0.59	4400000	4400000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
61.3352565	-6.385606820	0.04	-0.02	-0.73	0.45	0.45	0.87	3450000	4350000
61.4361242	-5.475983422	0.04	-0.02	-0.70	0.45	0.45	0.87	3500000	4350000
62.1255821	3.864536481	0.35	-0.91	-0.35	0.40	0.40	0.72	4000000	4350000
62.1617464	4.816400009	0.24	-0.98	0.30	0.31	0.31	0.57	4050000	4350000
62.1918345	5.770190069	0.36	-1.03	1.02	0.26	0.26	0.46	4100000	4350000
62.2158284	6.725557954	0.54	-1.09	1.88	0.24	0.24	0.39	4150000	4350000
62.2337137	7.682150872	0.38	-1.08	2.13	0.26	0.26	0.44	4200000	4350000
62.2454797	8.639612837	0.38	-1.09	2.64	0.24	0.24	0.40	4250000	4350000
62.2511191	9.597585597	0.31	-1.17	3.69	0.30	0.31	0.51	4300000	4350000
62.2506287	10.555709560	0.14	-1.21	4.79	0.30	0.31	0.51	4350000	4350000
62.2440087	11.513624730	0.11	-1.14	5.48	0.33	0.33	0.55	4400000	4350000
62.2312630	12.470971680	0.14	-1.07	6.06	0.27	0.27	0.45	4450000	4350000
62.2123995	13.427392440	0.11	-1.02	6.73	0.27	0.28	0.46	4500000	4350000
62.1874295	14.382531480	-0.04	-0.92	7.43	0.27	0.27	0.44	4550000	4350000
62.1563679	15.336036610	-0.13	-0.77	7.93	0.32	0.32	0.54	4600000	4350000
62.1192333	16.287559860	-0.19	-0.62	8.26	0.37	0.37	0.63	4650000	4350000
62.0760478	17.236758340	-0.28	-0.48	8.51	0.30	0.30	0.50	4700000	4350000
62.0268370	18.183295120	-0.38	-0.27	8.46	0.33	0.33	0.55	4750000	4350000
61.8433575	21.003671260	-0.74	0.30	7.26	0.37	0.36	0.64	4900000	4350000
61.7703663	21.936337490	-0.81	0.47	6.78	0.36	0.36	0.62	4950000	4350000
61.6915260	22.864772700	-0.86	0.63	6.29	0.36	0.36	0.62	5000000	4350000
61.6068806	23.788690740	-0.91	0.72	5.87	0.29	0.28	0.50	5050000	4350000
61.5164771	24.707816000	-0.91	0.70	5.26	0.30	0.30	0.53	5100000	4350000
61.4203647	25.621	-0.88	0.65	4.53	0.35	0.34	0.60	5150000	4350000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
50	466230							0	0
61.166569720	23.597289440	-0.91	0.64	5.20	0.34	0.33	0.58	5050000	4300000
61.077553160	24.504541170	-0.91	0.61	4.61	0.34	0.33	0.59	5100000	4300000
60.982906100	25.406967160	-0.89	0.50	3.89	0.28	0.25	0.54	5150000	4300000
60.882677960	26.304323710	-0.94	0.60	3.41	0.34	0.33	0.59	5200000	4300000
60.776920370	27.196377990	-0.96	0.65	2.96	0.30	0.30	0.51	5250000	4300000
60.665687010	28.082908310	-0.95	0.60	2.39	0.30	0.30	0.50	5300000	4300000
60.549033500	28.963704320	-0.89	0.55	1.69	0.33	0.32	0.54	5350000	4300000
60.427017210	29.838567220	-0.84	0.55	0.99	0.21	0.21	0.35	5400000	4300000
60.820742420	-2.367346620	0.13	-0.02	-0.55	0.42	0.42	0.77	3650000	4250000
60.896267310	-1.462531529	0.13	-0.01	-0.51	0.41	0.41	0.75	3700000	4250000
60.966104140	-0.553912798	0.10	-0.01	-0.46	0.42	0.42	0.77	3750000	4250000
61.228766550	4.036417437	0.17	-0.90	0.38	0.38	0.38	0.68	4000000	4250000
61.263794610	4.961867512	0.03	-0.92	1.08	0.31	0.30	0.55	4050000	4250000
61.292935250	5.889063151	-0.01	-0.95	1.74	0.27	0.23	0.48	4100000	4250000
61.316172210	6.817688024	0.07	-0.97	2.25	0.35	0.34	0.59	4150000	4250000
61.333492480	7.747422328	0.08	-1.00	2.78	0.36	0.36	0.62	4200000	4250000
61.344886320	8.677943548	0.00	-1.04	3.39	0.32	0.31	0.55	4250000	4250000
61.350347330	9.608927238	-0.08	-1.06	4.19	0.28	0.27	0.49	4300000	4250000
61.349872420	10.540047820	-0.12	-1.10	4.97	0.29	0.27	0.49	4350000	4250000
61.343461870	11.470979370	-0.03	-1.11	5.55	0.28	0.28	0.47	4400000	4250000
61.331119280	12.401396450	0.15	-1.12	6.00	0.23	0.24	0.40	4450000	4250000
61.312851600	13.330974860	0.03	-0.97	6.57	0.30	0.30	0.50	4500000	4250000
61.2886690	14.259	-0.07	-0.81	7.08	0.23	0.24	0.39	4550000	4250000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
90	392460							0	0
61.2585852	15.186329970	-0.21	-0.65	7.40	0.35	0.35	0.58	4600000	4250000
61.2226169	16.111471670	-0.33	-0.49	7.57	0.38	0.38	0.64	4650000	4250000
61.1807840	17.034506200	-0.42	-0.33	7.61	0.37	0.37	0.63	4700000	4250000
61.1331097	17.955127240	-0.52	-0.18	7.48	0.37	0.38	0.65	4750000	4250000
61.0203441	19.787932960	-0.73	0.18	6.90	0.39	0.39	0.67	4850000	4250000
60.9553140	20.699536250	-0.82	0.35	6.38	0.35	0.35	0.58	4900000	4250000
60.8845645	21.607564520	-0.88	0.48	5.80	0.31	0.31	0.51	4950000	4250000
60.8081332	22.511746270	-0.89	0.57	5.25	0.32	0.32	0.54	5000000	4250000
60.7260600	23.411818650	-0.90	0.59	4.61	0.30	0.28	0.53	5050000	4250000
60.6383876	24.307527830	-0.94	0.58	4.06	0.32	0.31	0.56	5100000	4250000
60.5451610	25.198629460	-0.97	0.55	3.50	0.32	0.31	0.57	5150000	4250000
60.4464273	26.084889010	-1.01	0.59	3.00	0.31	0.29	0.57	5200000	4250000
60.3422357	26.966082040	-0.95	0.59	2.56	0.31	0.30	0.53	5250000	4250000
60.2326377	27.841994510	-0.89	0.55	2.05	0.32	0.32	0.53	5300000	4250000
60.1176863	28.712422940	-0.81	0.48	1.48	0.35	0.35	0.59	5350000	4250000
59.9974364	29.577174630	-0.75	0.46	1.08	0.33	0.33	0.54	5400000	4250000
60.2986666	-3.090103745	0.18	-0.06	-0.57	0.42	0.42	0.77	3600000	4200000
60.3786254	-2.200807344	0.20	-0.04	-0.51	0.39	0.39	0.68	3650000	4200000
60.4530144	-1.307627421	0.21	-0.02	-0.47	0.33	0.33	0.56	3700000	4200000
60.5217958	-0.410817382	0.15	-0.01	-0.43	0.38	0.38	0.68	3750000	4200000
60.7804440	4.118288326	0.15	-0.93	0.58	0.38	0.38	0.67	4000000	4200000
60.8149314	5.031149002	0.00	-0.95	1.14	0.27	0.25	0.47	4050000	4200000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
60.8436212	5.945673077	-0.04	-0.94	1.77	0.31	0.29	0.53	4100000	4200000
60.8664981	6.861558946	-0.04	-0.90	2.31	0.34	0.33	0.57	4150000	4200000
60.8835495	7.778501789	-0.09	-0.97	2.84	0.33	0.32	0.56	4200000	4200000
60.8947664	8.696194286	-0.17	-1.08	3.45	0.24	0.21	0.42	4250000	4200000
60.9001425	9.614327335	-0.17	-1.08	4.14	0.31	0.30	0.53	4300000	4200000
60.8996750	10.532590780	-0.14	-1.05	4.83	0.26	0.25	0.48	4350000	4200000
60.8933641	11.450674170	-0.18	-1.00	5.43	0.28	0.28	0.49	4400000	4200000
60.8812132	12.368267450	-0.26	-0.93	5.97	0.31	0.31	0.52	4450000	4200000
60.8632289	13.285061780	-0.28	-0.82	6.47	0.33	0.33	0.56	4500000	4200000
60.8394211	14.200750170	-0.27	-0.70	6.84	0.30	0.30	0.49	4550000	4200000
60.8098025	15.115028270	-0.31	-0.57	7.06	0.24	0.24	0.40	4600000	4200000
60.7743892	16.027595070	-0.41	-0.42	7.06	0.35	0.35	0.59	4650000	4200000
60.7332002	16.938153530	-0.49	-0.27	6.96	0.24	0.24	0.43	4700000	4200000
60.6862573	17.846411310	-0.56	-0.18	6.90	0.27	0.27	0.51	4750000	4200000
60.6335855	18.752081360	-0.66	-0.01	6.73	0.35	0.36	0.63	4800000	4200000
60.5752126	19.654882560	-0.76	0.18	6.47	0.34	0.34	0.58	4850000	4200000
60.5111691	20.554540250	-0.84	0.35	6.00	0.33	0.33	0.55	4900000	4200000
60.4414880	21.450786830	-0.89	0.47	5.42	0.33	0.33	0.57	4950000	4200000
60.3662052	22.343362210	-0.89	0.58	4.84	0.21	0.20	0.37	5000000	4200000
60.2853590	23.232014280	-0.87	0.59	4.08	0.30	0.30	0.52	5050000	4200000
60.1989898	24.116499360	-0.92	0.57	3.50	0.25	0.25	0.45	5100000	4200000
60.1071407	24.996582550	-0.98	0.53	3.07	0.24	0.24	0.47	5150000	4200000
60.0098566	25.872038080	-0.87	0.52	2.72	0.32	0.32	0.57	5200000	4200000
59.9071847	26.742649600	-0.80	0.50	2.28	0.33	0.33	0.56	5250000	4200000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east ing	north ing
59.799174050	27.608210420	-0.76	0.43	1.74	0.32	0.32	0.53	5300000	4200000
59.685875350	28.468523750	-0.75	0.34	1.21	0.31	0.31	0.53	5350000	4200000
59.567341160	29.323402820	-0.70	0.33	0.85	0.35	0.35	0.59	5400000	4200000
59.488328230	-6.388460991	0.22	-0.12	-0.87	0.43	0.43	0.80	3400000	4150000
59.588677010	-5.527405493	0.22	-0.13	-0.79	0.43	0.43	0.80	3450000	4150000
59.773349300	-3.791701237	0.25	-0.13	-0.59	0.42	0.42	0.76	3550000	4150000
59.857585390	-2.917481246	0.26	-0.10	-0.51	0.40	0.41	0.72	3600000	4150000
59.936366590	-2.039316134	0.27	-0.07	-0.46	0.36	0.36	0.62	3650000	4150000
60.009654480	-1.157441225	0.29	-0.03	-0.42	0.23	0.23	0.38	3700000	4150000
60.077412940	-0.272099601	0.19	-0.02	-0.40	0.37	0.37	0.64	3750000	4150000
60.332172600	4.197612195	0.15	-0.96	0.78	0.37	0.37	0.65	4000000	4150000
60.366136400	5.098270277	0.13	-1.07	1.61	0.22	0.22	0.37	4050000	4150000
60.394389780	6.000514582	0.00	-0.98	1.92	0.32	0.31	0.52	4100000	4150000
60.416918010	6.904057344	-0.08	-0.82	2.30	0.28	0.28	0.46	4150000	4150000
60.433709290	7.808607828	-0.15	-0.97	2.79	0.26	0.26	0.43	4200000	4150000
60.444754820	8.713872984	-0.20	-1.28	3.41	0.24	0.23	0.41	4250000	4150000
60.450048790	9.619558114	-0.16	-1.14	4.07	0.32	0.31	0.53	4300000	4150000
60.449588410	10.525367550	-0.15	-1.05	4.66	0.28	0.28	0.49	4350000	4150000
60.443373930	11.431005340	-0.35	-0.94	5.22	0.28	0.27	0.49	4400000	4150000
60.431408610	12.336175910	-0.64	-0.77	5.88	0.25	0.25	0.44	4450000	4150000
60.413698740	13.240584800	-0.64	-0.65	6.28	0.30	0.30	0.51	4500000	4150000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east in g	north in g
60.390253620	14.143939280	-0.50	-0.61	6.48	0.34	0.34	0.58	4550000	4150000
60.361085510	15.045949040	-0.46	-0.50	6.56	0.34	0.34	0.56	4600000	4150000
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	-3.6135	0.37	-0.21	-0.52	0.37	0.38	0.66	3550000	4100000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	62574								
59.4163308 90	- 2.7499 93635	0.37	-0.17	-0.43	0.36	0.37	0.63	360000 0	410000 0
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
59.622641620	20.277650730	-0.83	0.31	4.70	0.36	0.36	0.62	4900000	4100000
59.555000220	21.151336350	-0.85	0.35	4.19	0.38	0.38	0.66	4950000	4100000
59.481910810	22.021671460	-0.80	0.37	3.53	0.37	0.37	0.65	5000000	4100000
59.403408210	22.888423920	-0.79	0.37	2.86	0.34	0.34	0.59	5050000	4100000
59.319529470	23.751368850	-0.86	0.27	2.45	0.30	0.30	0.50	5100000	4100000
59.230313720	24.610289010	-0.86	0.15	2.23	0.22	0.22	0.36	5150000	4100000
59.135802120	25.464975060	-0.77	0.28	2.02	0.23	0.23	0.38	5200000	4100000
59.036037700	26.315225870	-0.78	0.37	1.51	0.24	0.23	0.39	5250000	4100000
58.931065310	27.160848690	-0.81	0.34	1.15	0.22	0.22	0.38	5300000	4100000
58.820931510	28.001659440	-0.72	0.22	0.65	0.33	0.32	0.55	5350000	4100000
58.705684430	28.837482800	-0.65	0.14	0.14	0.39	0.39	0.68	5400000	4100000
58.585373690	29.668152350	-0.62	0.09	-0.35	0.42	0.42	0.75	5450000	4100000
58.174802680	-9.295309108	0.19	-0.06	-0.93	0.43	0.44	0.82	3200000	4050000
58.292683360	-8.472823206	0.30	-0.09	-0.99	0.42	0.42	0.77	3250000	4050000
58.405549860	-7.645419663	0.43	-0.13	-1.05	0.39	0.40	0.70	3300000	4050000
58.513354840	-6.813261311	0.56	-0.21	-1.12	0.32	0.33	0.58	3350000	4050000
58.616052430	-5.976519315	0.51	-0.29	-1.02	0.31	0.31	0.58	3400000	4050000
58.713598300	-5.135373035	0.44	-0.26	-0.77	0.38	0.38	0.67	3450000	4050000
58.805949790	-4.290009868	0.43	-0.30	-0.60	0.35	0.35	0.62	3500000	4050000
58.893066010	-3.440625045	0.49	-0.31	-0.44	0.28	0.29	0.50	3550000	4050000
58.974907910	-2.5874	0.49	-0.23	-0.32	0.26	0.29	0.47	3600000	4050000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
58.879480860	23.576788600	-0.90	0.42	2.06	0.25	0.25	0.42	5100000	4050000
58.791524320	24.425543400	-0.91	0.27	1.96	0.24	0.23	0.39	5150000	4050000
58.698338930	25.270244780	-0.81	0.24	1.64	0.25	0.25	0.43	5200000	4050000
58.599965880	26.110698760	-0.84	0.22	1.10	0.26	0.26	0.44	5250000	4050000
58.496448090	26.946719210	-0.81	0.18	0.71	0.26	0.26	0.43	5300000	4050000
58.387830140	27.778128080	-0.65	0.14	0.36	0.30	0.30	0.51	5350000	4050000
58.274158160	28.604755530	-0.60	0.08	-0.13	0.38	0.38	0.67	5400000	4050000
58.155479690	29.426440060	-0.59	0.02	-0.60	0.42	0.42	0.76	5450000	4050000
57.744162470	-9.061651319	0.24	-0.08	-0.95	0.42	0.42	0.78	3200000	4000000
57.860464160	-8.247980551	0.38	-0.12	-1.01	0.39	0.39	0.70	3250000	4000000
57.971808050	-7.429591510	0.56	-0.14	-1.03	0.35	0.36	0.61	3300000	4000000
58.078148760	-6.606642147	0.79	-0.16	-1.04	0.25	0.27	0.44	3350000	4000000
58.179442320	-5.779298220	0.68	-0.23	-0.82	0.31	0.32	0.53	3400000	4000000
58.275646270	-4.947733172	0.51	-0.26	-0.56	0.37	0.37	0.63	3450000	4000000
58.366719760	-4.112127961	0.46	-0.31	-0.44	0.32	0.32	0.57	3500000	4000000
58.452623640	-3.272670869	0.46	-0.30	-0.34	0.30	0.31	0.54	3550000	4000000
58.533320540	-2.429557288	0.40	-0.20	-0.27	0.36	0.36	0.62	3600000	4000000
58.608774980	-1.582989461	0.29	-0.12	-0.31	0.40	0.41	0.72	3650000	4000000
58.987617690	4.421419228	-0.01	-0.74	0.35	0.37	0.37	0.66	4000000	4000000
59.020106200	5.287623389	-0.15	-0.72	0.63	0.25	0.25	0.44	4050000	4000000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
59.0471299	6.155208611	-0.25	-0.75	1.10	0.28	0.28	0.48	4100000	4000000
59.0686761	7.023923987	-0.34	-0.80	1.62	0.32	0.31	0.54	4150000	4000000
59.0847345	7.893516240	-0.41	-0.79	2.06	0.30	0.29	0.50	4200000	4000000
59.0952975	8.763730253	-0.46	-0.76	2.51	0.25	0.25	0.45	4250000	4000000
59.1003601	9.634309592	-0.48	-0.87	2.99	0.26	0.26	0.45	4300000	4000000
59.0999198	10.504997060	-0.47	-1.00	3.31	0.22	0.22	0.40	4350000	4000000
59.0939770	11.375535210	-0.50	-1.00	3.86	0.28	0.28	0.50	4400000	4000000
59.0825343	12.245666950	-0.61	-0.94	4.30	0.33	0.33	0.56	4450000	4000000
59.0655972	13.115136010	-0.64	-0.78	4.67	0.34	0.34	0.56	4500000	4000000
59.0431739	13.983687520	-0.66	-0.62	4.84	0.36	0.36	0.60	4550000	4000000
59.0152749	14.851068570	-0.68	-0.47	4.81	0.39	0.39	0.66	4600000	4000000
58.9819133	15.717028660	-0.70	-0.34	4.69	0.36	0.36	0.61	4650000	4000000
58.9431050	16.581320270	-0.70	-0.19	4.52	0.30	0.30	0.53	4700000	4000000
58.8988680	17.443699340	-0.68	-0.06	4.26	0.28	0.28	0.52	4750000	4000000
58.8492230	18.303925710	-0.69	-0.01	3.95	0.34	0.34	0.60	4800000	4000000
58.7941929	19.161763630	-0.76	0.05	3.70	0.39	0.39	0.69	4850000	4000000
58.7338029	20.016982170	-0.80	0.11	3.44	0.41	0.41	0.73	4900000	4000000
58.5970559	21.718663910	-0.75	0.18	2.79	0.33	0.33	0.57	5000000	4000000
58.5207604	22.564692920	-0.75	0.32	2.34	0.23	0.22	0.40	5050000	4000000
58.4392279	23.407234880	-0.89	0.54	1.97	0.24	0.24	0.40	5100000	4000000
58.3524944	24.246088620	-0.75	0.36	1.66	0.24	0.24	0.41	5150000	4000000
58.2605973	25.081059870	-0.65	0.16	1.19	0.28	0.27	0.49	5200000	4000000
58.1635762	25.911961510	-0.73	0.06	0.76	0.27	0.26	0.46	5250000	4000000
58.0614722	26.738613760	-0.72	0.04	0.41	0.24	0.24	0.39	5300000	4000000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
57.9543280	27.560844410	-0.57	0.10	0.04	0.23	0.22	0.42	5350000	4000000
57.8421878	28.378488940	-0.56	0.04	-0.34	0.36	0.36	0.63	5400000	4000000
57.7250972	29.191390650	-0.56	-0.03	-0.74	0.42	0.41	0.75	5450000	4000000
57.6031031	29.999400790	-0.56	-0.10	-1.15	0.43	0.43	0.81	5500000	4000000
57.3130567	-8.834366644	0.25	-0.10	-0.98	0.40	0.41	0.73	3200000	3950000
57.4278221	-8.029312563	0.42	-0.16	-1.02	0.33	0.34	0.57	3250000	3950000
57.5376849	-7.219729464	0.61	-0.18	-0.95	0.22	0.24	0.40	3300000	3950000
57.6426016	-6.405770544	0.62	-0.21	-0.65	0.32	0.33	0.55	3350000	3950000
57.7425302	-5.587596328	0.60	-0.23	-0.30	0.31	0.32	0.53	3400000	3950000
57.8374298	-4.765374539	0.50	-0.23	-0.18	0.33	0.34	0.56	3450000	3950000
57.9272614	-3.939279943	0.44	-0.23	-0.14	0.33	0.33	0.56	3500000	3950000
58.0119875	-3.109494157	0.41	-0.18	-0.09	0.32	0.33	0.55	3550000	3950000
58.0915722	-2.276205445	0.33	-0.12	-0.17	0.37	0.37	0.64	3600000	3950000
58.1659817	-1.439608471	0.24	-0.08	-0.27	0.41	0.41	0.74	3650000	3950000
58.5395030	4.491640260	0.00	-0.69	0.23	0.39	0.39	0.69	4000000	3950000
58.5715292	5.347026808	-0.05	-0.72	0.73	0.29	0.29	0.48	4050000	3950000
58.5981677	6.203733785	-0.18	-0.76	1.07	0.26	0.25	0.42	4100000	3950000
58.6194063	7.061521192	-0.34	-0.80	1.29	0.27	0.24	0.44	4150000	3950000
58.6352352	7.920146832	-0.43	-0.78	1.74	0.28	0.27	0.45	4200000	3950000
58.6456471	8.779366794	-0.47	-0.80	2.19	0.29	0.28	0.46	4250000	3950000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
58.6506372	9.638935950	-0.44	-0.86	2.63	0.29	0.29	0.48	4300000	3950000
58.6502032	10.498608450	-0.36	-0.88	3.05	0.31	0.31	0.52	4350000	3950000
58.6443454	11.358138250	-0.34	-0.92	3.49	0.26	0.27	0.45	4400000	3950000
58.6330664	12.217279560	-0.57	-0.96	3.65	0.24	0.25	0.42	4450000	3950000
58.6163714	13.075787440	-0.63	-0.79	3.89	0.36	0.36	0.61	4500000	3950000
58.5942682	13.933418200	-0.67	-0.63	4.08	0.38	0.38	0.65	4550000	3950000
58.5667667	14.789929970	-0.70	-0.48	4.13	0.38	0.38	0.66	4600000	3950000
58.5338797	15.645083150	-0.72	-0.36	4.03	0.32	0.32	0.54	4650000	3950000
58.4956222	16.498640890	-0.71	-0.23	3.84	0.24	0.24	0.41	4700000	3950000
58.4520113	17.350369540	-0.64	-0.08	3.58	0.31	0.31	0.56	4750000	3950000
58.4030669	18.200039110	-0.69	-0.04	3.32	0.37	0.37	0.64	4800000	3950000
58.3488109	19.047423700	-0.75	-0.01	3.09	0.39	0.39	0.69	4850000	3950000
58.2892674	19.892301880	-0.79	0.03	2.89	0.41	0.41	0.72	4900000	3950000
58.1544253	21.573678100	-0.83	0.10	2.54	0.34	0.34	0.58	5000000	3950000
58.0791856	22.409759090	-0.86	0.21	2.27	0.28	0.28	0.46	5050000	3950000
57.9987759	23.242500250	-0.82	0.26	1.67	0.28	0.28	0.47	5100000	3950000
57.9132305	24.071707930	-0.59	0.12	1.10	0.26	0.26	0.44	5150000	3950000
57.8225854	24.897194900	-0.52	-0.01	0.70	0.27	0.27	0.48	5200000	3950000
57.7268785	25.718780640	-0.67	-0.05	0.49	0.26	0.26	0.45	5250000	3950000
57.6261491	26.536291500	-0.70	-0.05	0.26	0.25	0.25	0.41	5300000	3950000
57.5204381	27.349560880	-0.60	0.06	-0.07	0.23	0.22	0.39	5350000	3950000
57.4097879	28.158429440	-0.57	0.00	-0.39	0.35	0.35	0.62	5400000	3950000
57.2942423	28.962745160	-0.55	-0.07	-0.78	0.41	0.41	0.74	5450000	3950000
57.1738463	29.762363470	-0.52	-0.14	-1.18	0.43	0.43	0.80	5500000	3950000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
56.881500210	-8.613209857	0.21	-0.11	-1.00	0.39	0.40	0.70	3200000	3900000
56.994770230	-7.816579388	0.31	-0.18	-1.03	0.26	0.29	0.47	3250000	3900000
57.103191920	-7.015599655	0.37	-0.22	-0.89	0.28	0.29	0.47	3300000	3900000
57.206723520	-6.210419236	0.38	-0.25	-0.32	0.30	0.30	0.50	3350000	3900000
57.305324570	-5.401193584	0.45	-0.24	0.27	0.21	0.24	0.39	3400000	3900000
57.398956050	-4.588084908	0.42	-0.19	0.33	0.24	0.25	0.40	3450000	3900000
57.487580460	-3.771262013	0.41	-0.19	0.20	0.27	0.27	0.45	3500000	3900000
57.571161870	-2.950900123	0.39	-0.09	0.19	0.21	0.24	0.38	3550000	3900000
57.649666030	-2.127180680	0.28	-0.03	-0.08	0.33	0.34	0.58	3600000	3900000
57.723060420	-1.300291110	0.20	-0.04	-0.27	0.40	0.40	0.72	3650000	3900000
58.122992790	5.404705319	-0.09	-0.65	0.48	0.35	0.35	0.61	4050000	3900000
58.149257510	6.250847662	-0.23	-0.62	0.76	0.28	0.27	0.50	4100000	3900000
58.170197610	7.098023526	-0.34	-0.67	0.86	0.26	0.25	0.45	4150000	3900000
58.185803790	7.946001171	-0.36	-0.78	1.11	0.23	0.23	0.40	4200000	3900000
58.196069080	8.794547262	-0.42	-0.79	1.68	0.32	0.31	0.51	4250000	3900000
58.200988910	9.643427329	-0.37	-0.80	2.09	0.34	0.34	0.57	4300000	3900000
58.200561070	10.492406240	-0.27	-0.77	2.56	0.33	0.33	0.56	4350000	3900000
58.194785760	11.341248660	-0.18	-0.76	3.01	0.27	0.27	0.46	4400000	3900000
58.183665550	12.189719530	-0.43	-0.84	2.97	0.28	0.29	0.49	4450000	3900000
58.167205420	13.037584530	-0.59	-0.76	3.11	0.31	0.32	0.54	4500000	3900000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
58.145412690	13.884610560	-0.67	-0.61	3.39	0.34	0.34	0.57	4550000	3900000
58.118297060	14.730566160	-0.71	-0.47	3.46	0.36	0.36	0.61	4600000	3900000
58.085870550	15.575222020	-0.71	-0.34	3.34	0.37	0.37	0.62	4650000	3900000
58.048147460	16.418351350	-0.67	-0.23	3.13	0.36	0.36	0.61	4700000	3900000
58.005144380	17.259730380	-0.64	-0.14	2.88	0.36	0.36	0.61	4750000	3900000
57.956880100	18.099138730	-0.68	-0.10	2.65	0.32	0.32	0.54	4800000	3900000
57.903375600	18.936359810	-0.74	-0.07	2.47	0.35	0.35	0.59	4850000	3900000
57.844653960	19.771181240	-0.77	-0.05	2.32	0.40	0.40	0.69	4900000	3900000
57.711661980	21.432798580	-0.85	-0.03	2.16	0.31	0.31	0.53	5000000	3900000
57.637447920	22.259193760	-0.86	0.04	1.82	0.27	0.27	0.44	5050000	3900000
57.558129170	23.082388440	-0.78	0.12	1.16	0.28	0.28	0.47	5100000	3900000
57.473738530	23.902196130	-0.60	0.02	0.66	0.30	0.30	0.50	5150000	3900000
57.384310530	24.718436360	-0.51	-0.07	0.35	0.26	0.26	0.44	5200000	3900000
57.289881360	25.530934920	-0.66	-0.05	0.42	0.25	0.24	0.41	5250000	3900000
57.190488760	26.339524060	-0.73	-0.06	0.43	0.26	0.26	0.44	5300000	3900000
57.086172000	27.144042640	-0.68	0.01	0.15	0.23	0.23	0.40	5350000	3900000
56.976971730	27.944336300	-0.58	-0.05	-0.27	0.34	0.34	0.59	5400000	3900000
56.862929940	28.740257560	-0.52	-0.12	-0.73	0.40	0.40	0.71	5450000	3900000
56.744089890	29.531665970	-0.47	-0.17	-1.14	0.42	0.42	0.77	5500000	3900000
56.561320570	-7.609553192	0.12	-0.07	-1.18	0.32	0.34	0.57	3250000	3850000
56.668339650	-6.816980074	0.04	-0.04	-1.18	0.25	0.30	0.47	3300000	3850000
56.770523420	-6.020372607	0.14	-0.19	-0.28	0.25	0.26	0.42	3350000	3850000
56.867833070	-5.2198	0.24	-0.18	0.39	0.29	0.29	0.48	3400000	3850000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40	473740							0	0
57.336913700	20.476012660	-0.73	-0.13	1.63	0.39	0.39	0.68	4950000	3850000
57.268767150	21.295858200	-0.74	-0.12	1.46	0.34	0.34	0.58	5000000	3850000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
57.301887140	9.652027709	-0.37	-0.71	0.84	0.29	0.29	0.49	4300000	3800000
57.301470990	10.480529830	-0.40	-0.68	1.09	0.31	0.31	0.53	4350000	3800000
57.295853520	11.308906870	-0.45	-0.61	1.31	0.32	0.32	0.54	4400000	3800000
57.285037080	12.136943440	-0.54	-0.49	1.51	0.22	0.23	0.41	4450000	3800000
57.269026200	12.964424770	-0.56	-0.42	1.81	0.32	0.32	0.55	4500000	3800000
57.247827580	13.791137130	-0.65	-0.42	2.02	0.35	0.35	0.60	4550000	3800000
57.221450100	14.616868260	-0.71	-0.37	2.07	0.36	0.36	0.62	4600000	3800000
57.189904720	15.441407720	-0.75	-0.24	1.99	0.32	0.32	0.54	4650000	3800000
57.153204530	16.264547290	-0.64	-0.13	1.82	0.21	0.21	0.39	4700000	3800000
57.111364710	17.086081370	-0.49	-0.24	1.54	0.25	0.25	0.51	4750000	3800000
57.064402440	17.905807280	-0.55	-0.21	1.43	0.36	0.36	0.63	4800000	3800000
57.012336920	18.723525670	-0.61	-0.19	1.33	0.39	0.39	0.68	4850000	3800000
56.955189300	19.539040840	-0.63	-0.20	1.22	0.40	0.40	0.71	4900000	3800000
56.892982630	20.352161030	-0.63	-0.23	1.07	0.38	0.38	0.68	4950000	3800000
56.825741810	21.162698740	-0.59	-0.22	0.80	0.32	0.33	0.58	5000000	3800000
56.753493550	21.970471030	-0.47	-0.06	0.37	0.29	0.29	0.49	5050000	3800000
56.676266270	22.775299760	-0.47	0.00	0.00	0.25	0.25	0.42	5100000	3800000
56.594090100	23.577011850	-0.44	-0.11	-0.15	0.26	0.26	0.43	5150000	3800000
56.506996740	24.375439510	-0.27	-0.09	-0.11	0.26	0.26	0.43	5200000	3800000
56.415019460	25.170420420	-0.34	-0.05	-0.08	0.28	0.28	0.47	5250000	3800000
56.318193000	25.961797940	-0.48	-0.10	-0.06	0.26	0.26	0.44	5300000	3800000
56.216553500	26.749421250	-0.48	-0.22	-0.20	0.23	0.23	0.38	5350000	3800000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
56.110138420	27.533145520	-0.42	-0.16	-0.50	0.16	0.16	0.33	5400000	3800000
55.998986490	28.312832000	-0.33	-0.21	-0.83	0.33	0.33	0.56	5450000	3800000
55.883137600	29.088348150	-0.26	-0.23	-1.11	0.35	0.35	0.60	5500000	3800000
55.470585490	-8.752707529	0.25	-0.11	-0.62	0.41	0.41	0.74	3150000	3750000
55.584255290	-7.984232464	0.29	-0.13	-0.61	0.39	0.40	0.69	3200000	3750000
55.693271170	-7.211766251	0.24	-0.11	-0.65	0.38	0.38	0.65	3250000	3750000
55.797594950	-6.435438569	0.18	-0.03	-0.63	0.36	0.37	0.62	3300000	3750000
55.897189620	-5.655384916	0.20	0.07	-0.45	0.26	0.29	0.46	3350000	3750000
55.992019390	-4.871746506	0.19	0.03	0.05	0.30	0.32	0.51	3400000	3750000
56.082049780	-4.084670146	0.17	-0.03	0.42	0.30	0.31	0.51	3450000	3750000
56.167247670	-3.294308098	0.20	0.00	0.33	0.27	0.29	0.48	3500000	3750000
56.247581390	-2.500817917	0.25	0.02	0.05	0.30	0.34	0.56	3550000	3750000
56.323020750	-1.704362277	0.19	-0.01	-0.24	0.38	0.39	0.68	3600000	3750000
56.822871300	7.201411334	-0.34	-0.60	-0.08	0.38	0.38	0.67	4150000	3750000
56.837847620	8.019226138	-0.39	-0.66	0.21	0.32	0.32	0.54	4200000	3750000
56.847698290	8.837540065	-0.37	-0.67	0.39	0.33	0.33	0.55	4250000	3750000
56.852419310	9.656147211	-0.30	-0.66	0.45	0.17	0.17	0.29	4300000	3750000
56.852008770	10.474841130	-0.40	-0.62	0.63	0.32	0.32	0.54	4350000	3750000
56.846466810	11.293415230	-0.45	-0.52	0.86	0.35	0.35	0.61	4400000	3750000
56.835795710	12.111663110	-0.51	-0.39	1.08	0.32	0.33	0.57	4450000	3750000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
56.819999810	12.929379000	-0.57	-0.38	1.28	0.36	0.36	0.62	4500000	3750000
56.799085510	13.746358100	-0.64	-0.38	1.41	0.37	0.38	0.64	4550000	3750000
56.773061280	14.562396940	-0.70	-0.34	1.45	0.38	0.38	0.64	4600000	3750000
56.741937650	15.377293780	-0.73	-0.27	1.42	0.34	0.34	0.57	4650000	3750000
56.705727130	16.190848950	-0.68	-0.21	1.30	0.33	0.33	0.55	4700000	3750000
56.664444230	17.002865210	-0.55	-0.23	1.13	0.37	0.37	0.65	4750000	3750000
56.618105430	17.813148060	-0.53	-0.23	0.99	0.40	0.40	0.71	4800000	3750000
56.566729090	18.621506110	-0.54	-0.22	0.87	0.42	0.42	0.74	4850000	3750000
56.448946640	20.231699530	-0.54	-0.31	0.63	0.36	0.37	0.66	4950000	3750000
56.382586480	21.033170300	-0.46	-0.34	0.42	0.25	0.26	0.50	5000000	3750000
56.311280550	21.831987610	-0.22	-0.13	-0.02	0.24	0.24	0.40	5050000	3750000
56.235056130	22.627979910	-0.30	-0.10	-0.27	0.26	0.26	0.43	5100000	3750000
56.153942070	23.420980390	-0.34	-0.27	-0.34	0.24	0.24	0.40	5150000	3750000
56.067968820	24.210827180	-0.19	-0.26	-0.44	0.27	0.27	0.44	5200000	3750000
55.977168260	24.997363560	-0.22	-0.15	-0.53	0.27	0.27	0.46	5250000	3750000
55.881573760	25.780438130	-0.37	-0.10	-0.70	0.25	0.25	0.42	5300000	3750000
55.781220000	26.559904970	-0.36	-0.18	-0.91	0.23	0.23	0.40	5350000	3750000
55.676142960	27.335623780	-0.26	-0.21	-0.96	0.31	0.31	0.53	5400000	3750000
55.566379860	28.107459970	-0.21	-0.26	-1.10	0.30	0.30	0.51	5450000	3750000
55.451969050	28.875284810	-0.15	-0.29	-1.23	0.25	0.25	0.43	5500000	3750000
54.921900850	-9.303253476	0.25	-0.13	-0.53	0.40	0.40	0.72	3100000	3700000
55.038744380	-8.546290748	0.37	-0.15	-0.46	0.36	0.37	0.64	3150000	3700000
55.151020310	-7.785367374	0.49	-0.23	-0.27	0.31	0.32	0.54	3200000	3700000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
55.258690860	-7.020603710	0.41	-0.25	-0.23	0.31	0.31	0.52	3250000	3700000
55.361719330	-6.252125673	0.26	-0.14	-0.30	0.34	0.35	0.58	3300000	3700000
55.460070140	-5.480064662	0.25	-0.04	-0.16	0.32	0.34	0.55	3350000	3700000
55.553708920	-4.704557454	0.23	0.00	0.16	0.30	0.32	0.52	3400000	3700000
55.642602540	-3.925746087	0.16	0.00	0.48	0.25	0.26	0.44	3450000	3700000
55.726719220	-3.143777727	0.16	-0.01	0.19	0.25	0.26	0.43	3500000	3700000
55.806028540	-2.358804509	0.24	-0.04	-0.26	0.28	0.31	0.52	3550000	3700000
55.880501550	-1.570983373	0.17	-0.03	-0.40	0.37	0.38	0.65	3600000	3700000
56.373840260	7.233971979	-0.32	-0.55	-0.41	0.37	0.37	0.65	4150000	3700000
56.388618500	8.042286233	-0.40	-0.62	-0.10	0.24	0.24	0.40	4200000	3700000
56.398338790	8.851078964	-0.36	-0.63	0.04	0.33	0.33	0.55	4250000	3700000
56.402997300	9.660152776	-0.32	-0.59	0.28	0.34	0.34	0.56	4300000	3700000
56.402592190	10.469309770	-0.35	-0.53	0.38	0.35	0.35	0.59	4350000	3700000
56.397123620	11.278351900	-0.41	-0.46	0.46	0.34	0.34	0.58	4400000	3700000
56.386593750	12.087081320	-0.46	-0.38	0.59	0.35	0.35	0.60	4450000	3700000
56.371006730	12.895300750	-0.54	-0.39	0.75	0.35	0.35	0.59	4500000	3700000
56.350368700	13.702813820	-0.63	-0.41	0.87	0.30	0.30	0.50	4550000	3700000
56.324687770	14.509425420	-0.66	-0.37	0.95	0.34	0.34	0.58	4600000	3700000
56.293974010	15.314942040	-0.68	-0.31	0.98	0.29	0.30	0.50	4650000	3700000
56.258239410	16.119172100	-0.63	-0.28	0.90	0.33	0.33	0.56	4700000	3700000
56.217497860	16.921926290	-0.53	-0.26	0.75	0.39	0.39	0.69	4750000	3700000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
56.004804880	20.114494830	-0.45	-0.29	0.24	0.38	0.38	0.67	4950000	3700000
55.939301260	20.907130800	-0.39	-0.30	0.15	0.28	0.28	0.50	5000000	3700000
55.868912020	21.697219530	-0.26	-0.17	-0.12	0.25	0.25	0.43	5050000	3700000
55.793663320	22.484595740	-0.32	-0.14	-0.40	0.26	0.26	0.43	5100000	3700000
55.713582830	23.269098600	-0.36	-0.27	-0.55	0.26	0.26	0.43	5150000	3700000
55.628699760	24.050571940	-0.19	-0.35	-0.69	0.27	0.27	0.45	5200000	3700000
55.539044740	24.828864400	-0.20	-0.26	-0.75	0.28	0.28	0.47	5250000	3700000
55.444649780	25.603829630	-0.31	-0.13	-0.92	0.23	0.23	0.39	5300000	3700000
55.345548200	26.375326410	-0.20	-0.18	-1.16	0.23	0.22	0.39	5350000	3700000
55.241774580	27.143218840	-0.10	-0.26	-1.32	0.27	0.27	0.47	5400000	3700000
55.133364670	27.907376380	-0.16	-0.32	-1.41	0.35	0.35	0.60	5450000	3700000
54.246745070	-10.582380470	0.13	-0.15	-0.59	0.42	0.42	0.76	3000000	3650000
54.371113680	-9.840618207	0.20	-0.21	-0.51	0.39	0.39	0.68	3050000	3650000
54.491036410	-9.094824346	0.30	-0.20	-0.42	0.34	0.35	0.60	3100000	3650000
54.606475030	-8.345105231	0.46	-0.17	-0.36	0.24	0.28	0.46	3150000	3650000
54.717392240	-7.591572561	0.46	-0.21	-0.02	0.24	0.25	0.42	3200000	3650000
54.823751700	-6.834343349	0.33	-0.29	0.03	0.23	0.24	0.40	3250000	3650000
54.925518110	-6.073539855	0.24	-0.22	-0.13	0.29	0.29	0.48	3300000	3650000
55.022657250	-5.309289503	0.24	-0.09	-0.01	0.29	0.30	0.50	3350000	3650000
55.115136090	-4.541724784	0.22	-0.02	0.23	0.25	0.27	0.44	3400000	3650000
55.2029228	-	0.11	0.01	0.39	0.29	0.30	0.49	3450000	3650000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
00	3.770983142							0	0
55.285986860	-2.997206838	0.11	0.03	0.20	0.22	0.24	0.39	3500000	3650000
55.364299060	-2.220542809	0.18	-0.04	-0.36	0.27	0.28	0.46	3550000	3650000
55.437831600	-1.441142501	0.13	-0.03	-0.51	0.30	0.30	0.51	3600000	3650000
55.924836950	7.265644987	-0.27	-0.46	-0.82	0.39	0.39	0.68	4150000	3650000
55.939422650	8.064717166	-0.31	-0.51	-0.58	0.34	0.34	0.59	4200000	3650000
55.949016220	8.864248272	-0.30	-0.53	-0.33	0.33	0.33	0.55	4250000	3650000
55.953613960	9.664048966	-0.27	-0.53	-0.03	0.32	0.32	0.54	4300000	3650000
55.953214140	10.463929440	-0.30	-0.46	0.11	0.34	0.34	0.57	4350000	3650000
55.947816890	11.263699750	-0.35	-0.37	0.08	0.17	0.17	0.30	4400000	3650000
55.937424290	12.063170130	-0.40	-0.34	0.22	0.30	0.30	0.50	4450000	3650000
55.922040320	12.862151360	-0.49	-0.37	0.33	0.26	0.27	0.46	4500000	3650000
55.901670840	13.660455060	-0.56	-0.43	0.43	0.25	0.25	0.41	4550000	3650000
55.876323650	14.457894010	-0.56	-0.40	0.57	0.31	0.31	0.53	4600000	3650000
55.846008360	15.254282520	-0.56	-0.36	0.63	0.31	0.31	0.52	4650000	3650000
55.810736470	16.049436680	-0.52	-0.33	0.54	0.34	0.35	0.59	4700000	3650000
55.770521300	16.843174710	-0.42	-0.31	0.40	0.40	0.40	0.70	4750000	3650000
55.560556170	20.000420460	-0.38	-0.29	-0.16	0.39	0.39	0.68	4950000	3650000
55.495885910	20.784445490	-0.37	-0.27	-0.19	0.31	0.31	0.55	5000000	3650000
55.426388690	21.566024060	-0.29	-0.13	-0.28	0.23	0.23	0.42	5050000	3650000
55.352089590	22.344996920	-0.33	-0.13	-0.60	0.31	0.31	0.51	5100000	3650000
55.273015190	23.121208970	-0.36	-0.18	-0.71	0.29	0.29	0.48	5150000	3650000
55.189193510	23.894509490	-0.28	-0.30	-0.84	0.24	0.24	0.40	5200000	3650000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
55.100653970	24.664752260	-0.24	-0.28	-0.90	0.25	0.25	0.42	5250000	3650000
55.007427310	25.431795790	-0.27	-0.28	-1.02	0.28	0.28	0.47	5300000	3650000
54.909545560	26.195503410	-0.21	-0.32	-1.28	0.30	0.30	0.50	5350000	3650000
54.807041940	26.955743450	-0.16	-0.36	-1.53	0.32	0.32	0.55	5400000	3650000
54.699950840	27.712389300	-0.24	-0.40	-1.66	0.37	0.37	0.64	5450000	3650000
53.691020740	-11.096365070	0.10	-0.11	-0.63	0.43	0.43	0.80	2950000	3600000
53.818298410	-10.365391430	0.16	-0.20	-0.59	0.40	0.40	0.71	3000000	3600000
53.941210390	-9.630433574	0.25	-0.34	-0.48	0.29	0.29	0.49	3050000	3600000
54.059719050	-8.891590067	0.39	-0.33	-0.33	0.27	0.28	0.46	3100000	3600000
54.173787570	-8.148964572	0.57	-0.30	-0.14	0.23	0.26	0.43	3150000	3600000
54.283380020	-7.402665822	0.41	-0.31	0.01	0.27	0.28	0.46	3200000	3600000
54.388461440	-6.652807572	0.20	-0.32	0.03	0.25	0.26	0.42	3250000	3600000
54.488997860	-5.899508527	0.18	-0.24	-0.16	0.22	0.23	0.39	3300000	3600000
54.584956370	-5.142892261	0.16	-0.11	-0.03	0.31	0.31	0.53	3350000	3600000
54.676305200	-4.383087125	0.10	-0.05	0.16	0.29	0.30	0.52	3400000	3600000
54.763013780	-3.620226133	0.02	-0.04	0.20	0.29	0.31	0.52	3450000	3600000
54.845052760	-2.854446833	0.04	0.02	-0.08	0.24	0.26	0.42	3500000	3600000
54.922394090	-2.085891171	0.09	0.01	-0.50	0.26	0.27	0.44	3550000	3600000
54.995011090	-1.3147	0.08	0.00	-0.61	0.31	0.31	0.51	3600000	3600000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
	05327								
55.062878460	-0.541039553	0.06	0.01	-0.70	0.39	0.39	0.68	3650000	3600000
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



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northиng
54.681384010	0.341801629	0.01	0.03	-0.87	0.41	0.42	0.75	3700000	3550000
55.041103080	8.107789552	-0.08	-0.47	-1.47	0.27	0.28	0.53	4200000	3550000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
52.835492800	-10.665131900	0.10	-0.09	-0.59	0.43	0.43	0.79	2950000	3500000
52.959881080	-9.947092905	0.17	-0.14	-0.64	0.39	0.39	0.69	3000000	3500000
53.079984020	-9.225347028	0.29	-0.17	-0.79	0.28	0.30	0.50	3050000	3500000
53.195766640	-8.499988150	0.34	-0.22	-0.66	0.31	0.32	0.53	3100000	3500000
53.307194750	-7.771114731	0.33	-0.25	-0.50	0.35	0.36	0.61	3150000	3500000
53.414235020	-7.038829772	0.21	-0.18	-0.56	0.33	0.33	0.55	3200000	3500000
53.516855020	-6.303240756	0.05	-0.05	-0.69	0.21	0.22	0.37	3250000	3500000
53.615023270	-5.564459585	0.09	-0.05	-0.61	0.33	0.33	0.56	3300000	3500000
53.708709310	-4.822602499	0.15	-0.02	-0.51	0.31	0.32	0.56	3350000	3500000
53.797883740	-4.077789987	0.13	-0.04	-0.47	0.32	0.33	0.58	3400000	3500000
53.882518260	-3.330146680	0.05	-0.04	-0.50	0.34	0.35	0.59	3450000	3500000
53.962585770	-2.579801235	-0.03	0.05	-0.62	0.29	0.30	0.50	3500000	3500000
54.038060360	-1.826886203	-0.02	0.14	-0.75	0.26	0.27	0.45	3550000	3500000
54.108917370	-1.071537887	0.06	0.06	-0.80	0.21	0.24	0.39	3600000	3500000
54.175133470	-0.313896185	0.02	0.04	-0.96	0.33	0.34	0.57	3650000	3500000
54.236686670	0.445895575	-0.04	0.06	-1.02	0.39	0.39	0.68	3700000	3500000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
54.5779263	7.355679016	-0.08	-0.34	-1.80	0.35	0.35	0.63	4150000	3500000
54.5919655	8.128476840	-0.06	-0.55	-1.67	0.27	0.28	0.52	4200000	3500000
54.6011993	8.901680825	-0.13	-0.69	-1.64	0.26	0.26	0.48	4250000	3500000
54.6056246	9.675123382	-0.21	-0.53	-1.12	0.28	0.28	0.49	4300000	3500000
54.6052398	10.448636540	-0.23	-0.38	-0.69	0.28	0.28	0.50	4350000	3500000
54.6000450	11.222052210	-0.26	-0.36	-0.59	0.26	0.26	0.47	4400000	3500000
54.5900420	11.995202450	-0.33	-0.42	-0.81	0.23	0.23	0.43	4450000	3500000
54.5752344	12.767919780	-0.36	-0.40	-1.06	0.29	0.29	0.52	4500000	3500000
54.5556273	13.540037380	-0.38	-0.37	-1.05	0.21	0.21	0.44	4550000	3500000
54.5312275	14.311389420	-0.42	-0.47	-0.81	0.32	0.32	0.56	4600000	3500000
54.5020437	15.081811300	-0.43	-0.57	-0.61	0.34	0.34	0.61	4650000	3500000
54.4680858	15.851139880	0.01	-0.34	-0.01	0.32	0.31	0.58	4700000	3500000
54.4293656	16.619213800	0.09	-0.33	-0.11	0.29	0.29	0.53	4750000	3500000
54.3858966	17.385873650	0.14	-0.27	-0.27	0.24	0.24	0.46	4800000	3500000
54.3376934	18.150962260	-0.01	-0.14	-0.48	0.23	0.23	0.43	4850000	3500000
54.2847727	18.914324920	-0.10	-0.20	-0.71	0.25	0.24	0.45	4900000	3500000
54.2271523	19.675809590	-0.14	-0.37	-0.86	0.26	0.26	0.50	4950000	3500000
54.1648516	20.435267110	-0.11	-0.36	-0.76	0.27	0.26	0.51	5000000	3500000
54.0978915	21.192551410	-0.05	-0.19	-0.54	0.26	0.25	0.50	5050000	3500000
54.0262941	21.947519710	-0.07	-0.15	-0.55	0.27	0.26	0.50	5100000	3500000
53.9500829	22.700032670	-0.17	-0.34	-0.80	0.26	0.26	0.47	5150000	3500000
53.8692829	23.449954580	-0.21	-0.42	-1.00	0.28	0.28	0.49	5200000	3500000
53.7839201	24.197153510	-0.21	-0.35	-1.08	0.32	0.32	0.54	5250000	3500000
53.6940219	24.941501420	-0.23	-0.27	-1.09	0.31	0.31	0.52	5300000	3500000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
10	35618							0	0
54.1103584	6.620191213	0.00	0.09	-1.41	0.30	0.30	0.57	4100000	3450000
54.1289668	7.384133619	0.01	-0.11	-1.10	0.30	0.30	0.54	4150000	3450000
54.1428335	8.148626801	0.06	-0.26	-0.72	0.25	0.25	0.46	4200000	3450000
54.1519539	8.913510311	0.04	-0.40	-0.95	0.25	0.25	0.48	4250000	3450000
54.1563247	9.678623089	0.01	-0.32	-0.77	0.30	0.30	0.54	4300000	3450000
54.1559447	10.443803710	-0.02	-0.22	-0.63	0.29	0.29	0.53	4350000	3450000
54.1508137	11.208890650	-0.03	-0.20	-0.74	0.28	0.28	0.51	4400000	3450000
54.1409337	11.973722520	-0.07	-0.27	-0.99	0.22	0.22	0.42	4450000	3450000
54.1263079	12.738138340	-0.10	-0.22	-0.93	0.26	0.26	0.48	4500000	3450000
54.1069414	13.501977780	-0.14	-0.24	-0.74	0.25	0.25	0.46	4550000	3450000
54.0828407	14.265081440	-0.15	-0.31	-0.45	0.26	0.26	0.48	4600000	3450000
54.0540140	15.027291030	-0.11	-0.34	-0.19	0.28	0.27	0.53	4650000	3450000
54.0204710	15.788449700	-0.08	-0.36	-0.12	0.28	0.27	0.53	4700000	3450000
53.9822229	16.548402200	-0.11	-0.32	-0.30	0.27	0.27	0.50	4750000	3450000
53.9392826	17.306995150	-0.20	-0.32	-0.56	0.27	0.27	0.49	4800000	3450000
53.8916643	18.064077270	-0.29	-0.31	-0.74	0.26	0.26	0.46	4850000	3450000
53.8393839	18.819499580	-0.24	-0.27	-0.85	0.24	0.24	0.45	4900000	3450000
53.7824585	19.573115610	-0.15	-0.24	-0.92	0.26	0.26	0.48	4950000	3450000
53.7209068	20.324781590	-0.15	-0.26	-0.89	0.24	0.23	0.44	5000000	3450000
53.6547488	21.074356690	-0.12	-0.24	-0.79	0.27	0.27	0.48	5050000	3450000
53.5840059	21.821703130	-0.10	-0.28	-0.81	0.29	0.28	0.51	5100000	3450000
53.5087006	22.566686380	-0.15	-0.40	-0.93	0.25	0.25	0.47	5150000	3450000
53.4288568	23.309175340	-0.19	-0.43	-0.94	0.24	0.24	0.45	5200000	3450000
53.3444997	24.049	-0.18	-0.33	-0.98	0.33	0.33	0.58	5250000	3450000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
60	042460							0	0
53.255655610	24.786163860	-0.16	-0.26	-0.98	0.38	0.38	0.65	5300000	3450000
53.162351780	25.520419500	-0.14	-0.21	-0.91	0.39	0.39	0.68	5350000	3450000
51.852066530	-10.956185020	0.04	-0.05	-0.46	0.44	0.44	0.84	2900000	3400000
51.977873880	-10.254132840	0.06	-0.08	-0.35	0.43	0.43	0.79	2950000	3400000
52.099506940	-9.548542347	0.08	-0.12	-0.18	0.39	0.39	0.69	3000000	3400000
52.216932450	-8.839498736	0.08	-0.16	-0.02	0.31	0.33	0.55	3050000	3400000
52.330117880	-8.127091359	0.07	-0.19	-0.13	0.32	0.33	0.55	3100000	3400000
52.439031450	-7.411413680	0.06	-0.22	-0.35	0.30	0.32	0.53	3150000	3400000
52.543642180	-6.692563229	0.04	-0.21	-0.58	0.28	0.29	0.49	3200000	3400000
52.643919970	-5.970641551	0.04	-0.13	-0.84	0.35	0.36	0.60	3250000	3400000
52.739835600	-5.245754143	0.09	-0.14	-1.05	0.32	0.32	0.54	3300000	3400000
52.831360850	-4.518010374	0.14	-0.13	-1.19	0.25	0.25	0.43	3350000	3400000
52.918468450	-3.787523404	0.13	-0.08	-1.20	0.29	0.30	0.51	3400000	3400000
53.001132210	-3.054410080	0.10	-0.09	-1.15	0.29	0.29	0.51	3450000	3400000
53.079327030	-2.318790830	-0.02	-0.04	-0.95	0.22	0.23	0.44	3500000	3400000
53.153028940	-1.580789545	-0.12	0.00	-0.82	0.26	0.27	0.47	3550000	3400000
53.222215150	-0.840533443	-0.03	0.00	-1.00	0.26	0.27	0.46	3600000	3400000
53.2868640	-	-0.04	0.12	-1.26	0.26	0.27	0.45	3650000	3400000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
80	0.098152933							0	0
53.346955430	0.646218543	-0.11	0.21	-1.33	0.29	0.31	0.51	3700000	3400000
53.402470180	1.392444665	-0.10	0.17	-1.25	0.36	0.37	0.64	3750000	3400000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
53.2768260	20.217071110	-0.11	-0.18	-0.89	0.24	0.24	0.45	5000000	3400000
53.2114497	20.959120610	-0.08	-0.31	-0.89	0.26	0.26	0.48	5050000	3400000
53.1415395	21.699024620	0.02	-0.35	-0.95	0.25	0.25	0.47	5100000	3400000
53.0671171	22.436653240	0.05	-0.36	-0.97	0.26	0.26	0.48	5150000	3400000
52.9882056	23.171879780	-0.03	-0.35	-0.89	0.25	0.24	0.45	5200000	3400000
52.9048291	23.904580890	-0.11	-0.29	-0.89	0.32	0.31	0.56	5250000	3400000
52.8170129	24.634636710	-0.10	-0.24	-0.90	0.38	0.38	0.67	5300000	3400000
52.7247834	25.361930960	-0.08	-0.22	-0.85	0.39	0.39	0.68	5350000	3400000
51.4238673	-10.751933090	0.03	-0.05	-0.43	0.44	0.44	0.84	2900000	3350000
51.5483080	-10.055808430	0.05	-0.07	-0.28	0.43	0.43	0.79	2950000	3350000
51.6686112	-9.356266243	0.07	-0.12	-0.04	0.38	0.39	0.69	3000000	3350000
51.7847447	-8.653389745	0.10	-0.20	0.32	0.23	0.27	0.45	3050000	3350000
51.8966773	-7.947266078	0.07	-0.20	0.06	0.33	0.34	0.57	3100000	3350000
52.0043783	-7.237986283	0.04	-0.20	-0.29	0.35	0.36	0.60	3150000	3350000
52.1078177	-6.525645259	0.01	-0.19	-0.56	0.34	0.35	0.59	3200000	3350000
52.2069667	-5.810341704	0.00	-0.16	-0.81	0.36	0.37	0.62	3250000	3350000
52.3017969	-5.092178056	0.03	-0.18	-1.05	0.32	0.32	0.54	3300000	3350000
52.3922813	-4.371260418	0.05	-0.15	-1.26	0.26	0.27	0.45	3350000	3350000
52.4783935	-3.647698469	0.00	-0.05	-1.35	0.25	0.27	0.44	3400000	3350000
52.5601084	-	0.04	-0.04	-1.37	0.29	0.30	0.51	3450000	3350000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
50	2.921605379							0	0
52.637401830	-2.193097693	-0.01	-0.02	-1.19	0.27	0.27	0.49	3500000	3350000
52.710250620	-1.462295225	-0.13	-0.08	-0.92	0.26	0.27	0.47	3550000	3350000
52.778632900	-0.729320927	-0.13	-0.11	-0.96	0.27	0.28	0.47	3600000	3350000
52.842527920	0.005699243	-0.04	0.02	-1.20	0.27	0.28	0.46	3650000	3350000
52.901916150	0.742636466	-0.07	0.19	-1.32	0.25	0.26	0.43	3700000	3350000
52.956779290	1.481359215	-0.08	0.17	-1.26	0.29	0.30	0.53	3750000	3350000
53.007100350	2.221733422	0.00	0.03	-1.20	0.37	0.37	0.66	3800000	3350000
53.130660820	4.451389575	-0.04	-0.15	-1.40	0.30	0.30	0.53	3950000	3350000
53.162670170	5.196984185	-0.05	-0.07	-1.73	0.23	0.23	0.41	4000000	3350000
53.190072650	5.943528002	0.26	-0.07	-2.86	0.22	0.22	0.40	4050000	3350000
53.212859530	6.690875550	0.27	-0.53	-3.81	0.19	0.19	0.35	4100000	3350000
53.231023520	7.438880153	0.20	-0.54	-2.06	0.21	0.21	0.40	4150000	3350000
53.244558800	8.187394155	0.18	-0.32	-0.92	0.30	0.30	0.52	4200000	3350000
53.253461020	8.936269137	0.12	-0.31	-0.65	0.31	0.31	0.55	4250000	3350000
53.257727310	9.685356139	0.02	-0.44	-0.79	0.30	0.30	0.53	4300000	3350000
53.257356320	10.434505880	-0.06	-0.49	-0.91	0.29	0.29	0.51	4350000	3350000
53.252348140	11.183568980	-0.04	-0.31	-0.95	0.26	0.26	0.48	4400000	3350000
53.242704400	11.932396210	-0.02	-0.11	-0.82	0.25	0.25	0.46	4450000	3350000
53.228428200	12.680838660	-0.09	-0.10	-0.70	0.26	0.26	0.48	4500000	3350000
53.209524120	13.428748040	-0.19	-0.23	-0.73	0.28	0.28	0.50	4550000	3350000
53.185998210	14.175976810	-0.25	-0.28	-0.70	0.25	0.25	0.45	4600000	3350000
53.157858000	14.922378500	-0.18	-0.22	-0.49	0.24	0.24	0.45	4650000	3350000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
53.125112460	15.667807830	-0.08	-0.23	-0.29	0.28	0.27	0.50	4700000	3350000
53.087771990	16.412120970	-0.01	-0.34	-0.32	0.26	0.26	0.48	4750000	3350000
53.045848390	17.155175750	0.01	-0.34	-0.55	0.27	0.27	0.50	4800000	3350000
52.999354870	17.896831830	0.04	-0.29	-0.78	0.25	0.25	0.47	4850000	3350000
52.948305990	18.636950920	0.01	-0.18	-0.93	0.24	0.24	0.45	4900000	3350000
52.892717660	19.375396930	-0.07	-0.18	-0.99	0.25	0.25	0.46	4950000	3350000
52.832607080	20.112036190	-0.07	-0.29	-0.92	0.27	0.27	0.49	5000000	3350000
52.767992760	20.846737600	0.00	-0.41	-0.86	0.25	0.25	0.46	5050000	3350000
52.698894410	21.579372800	0.11	-0.34	-0.93	0.26	0.26	0.47	5100000	3350000
52.625332980	22.309816280	0.14	-0.26	-0.97	0.26	0.26	0.48	5150000	3350000
52.547330580	23.037945600	0.05	-0.28	-0.93	0.28	0.27	0.50	5200000	3350000
52.464910460	23.763641460	-0.05	-0.29	-0.90	0.32	0.32	0.57	5250000	3350000
52.378096960	24.486787830	-0.05	-0.25	-0.89	0.37	0.37	0.64	5300000	3350000
52.286915460	25.207272110	-0.03	-0.22	-0.83	0.36	0.36	0.62	5350000	3350000
51.118251160	-9.862061247	0.04	-0.06	-0.32	0.43	0.43	0.81	2950000	3300000
51.237254930	-9.168453416	0.05	-0.10	-0.16	0.41	0.42	0.75	3000000	3300000
51.352126460	-8.471625055	0.07	-0.14	-0.04	0.38	0.39	0.69	3050000	3300000
51.462835430	-7.771661139	0.06	-0.15	-0.16	0.39	0.40	0.69	3100000	3300000
51.569352280	-7.068650346	0.03	-0.15	-0.40	0.40	0.40	0.71	3150000	3300000
51.769695180	-5.653861055	-0.06	-0.13	-0.80	0.34	0.35	0.59	3250000	3300000
51.863466120	-4.942277963	-0.05	-0.12	-0.96	0.25	0.27	0.45	3300000	3300000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
51.952934780	-4.228038671	0.07	-0.07	-1.16	0.25	0.26	0.45	3350000	3300000
52.038075890	-3.511249504	-0.01	-0.11	-1.32	0.26	0.27	0.46	3400000	3300000
52.118865150	-2.792020082	0.02	-0.10	-1.41	0.27	0.28	0.48	3450000	3300000
52.195279280	-2.070463216	0.07	0.03	-1.38	0.21	0.22	0.42	3500000	3300000
52.267296080	-1.346694802	-0.13	-0.01	-1.02	0.23	0.23	0.44	3550000	3300000
52.334894450	-0.620833699	-0.23	-0.15	-0.99	0.23	0.23	0.42	3600000	3300000
52.398054410	0.106998400	-0.07	-0.14	-1.14	0.26	0.26	0.44	3650000	3300000
52.456757170	0.836677106	0.07	-0.08	-1.14	0.25	0.25	0.42	3700000	3300000
52.510985150	1.568075477	0.11	-0.07	-1.08	0.23	0.23	0.43	3750000	3300000
52.560721980	2.301064174	0.08	-0.10	-1.16	0.34	0.34	0.59	3800000	3300000
52.646663150	3.771284194	0.13	-0.19	-1.47	0.36	0.36	0.63	3900000	3300000
52.682841220	4.508246351	0.27	-0.32	-1.60	0.25	0.25	0.46	3950000	3300000
52.714475640	5.246260865	0.28	-0.30	-1.67	0.26	0.26	0.45	4000000	3300000
52.741556650	5.985188985	0.40	-0.16	-2.03	0.25	0.25	0.44	4050000	3300000
52.764075840	6.724890637	0.49	-0.26	-2.04	0.23	0.23	0.42	4100000	3300000
52.782026220	7.465224621	0.33	-0.37	-1.24	0.27	0.27	0.48	4150000	3300000
52.795402180	8.206048816	0.20	-0.27	-0.63	0.30	0.30	0.53	4200000	3300000
52.804199550	8.947220380	0.06	-0.22	-0.42	0.29	0.29	0.52	4250000	3300000
52.808415580	9.688595965	-0.08	-0.32	-0.52	0.31	0.31	0.54	4300000	3300000
52.808048950	10.430031920	-0.14	-0.46	-0.64	0.30	0.30	0.53	4350000	3300000
52.803099780	11.171384510	-0.08	-0.37	-0.69	0.30	0.30	0.53	4400000	3300000
52.793569610	11.912510120	-0.04	-0.19	-0.66	0.29	0.29	0.52	4450000	3300000



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



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



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
30	2.542070568							0	0
51.310439900	-1.833952737	-0.01	-0.15	-1.10	0.25	0.27	0.47	3500000	3200000
51.380853230	-1.123778664	-0.08	-0.17	-1.22	0.26	0.27	0.46	3550000	3200000
51.446941060	-0.411659501	-0.18	-0.06	-1.29	0.24	0.24	0.44	3600000	3200000
51.508684870	0.302291069	-0.07	0.00	-1.25	0.24	0.24	0.43	3650000	3200000
51.566067260	1.017956964	0.07	-0.18	-1.20	0.26	0.26	0.45	3700000	3200000
51.619071910	1.735219829	0.07	-0.28	-1.22	0.31	0.31	0.53	3750000	3200000
51.667683710	2.453959181	0.02	-0.34	-1.20	0.31	0.32	0.54	3800000	3200000
51.711888660	3.174052547	-0.02	-0.30	-1.33	0.28	0.29	0.49	3850000	3200000
51.751674020	3.895375624	0.00	-0.18	-1.64	0.24	0.24	0.42	3900000	3200000
51.787028220	4.617802428	-0.09	-0.38	-1.59	0.22	0.22	0.39	3950000	3200000
51.817940980	5.341205464	-0.13	-0.46	-1.10	0.25	0.25	0.43	4000000	3200000
51.844403240	6.065455892	0.01	-0.28	-0.96	0.23	0.23	0.41	4050000	3200000
51.866407250	6.790423695	0.17	-0.32	-1.00	0.26	0.26	0.45	4100000	3200000
51.883946520	7.515977863	0.15	-0.43	-0.94	0.27	0.27	0.48	4150000	3200000
51.897015900	8.241986565	0.02	-0.29	-0.91	0.26	0.26	0.45	4200000	3200000
51.905611510	8.968317336	-0.13	-0.07	-0.87	0.25	0.24	0.44	4250000	3200000
51.909730820	9.694837259	-0.18	-0.11	-0.69	0.27	0.27	0.48	4300000	3200000
51.909372600	10.421413150	-0.11	-0.29	-0.61	0.26	0.26	0.47	4350000	3200000
51.904536970	11.147911760	-0.02	-0.31	-0.73	0.32	0.32	0.56	4400000	3200000
51.895225350	11.874199920	0.00	-0.28	-0.75	0.31	0.31	0.56	4450000	3200000
51.881440500	12.600144780	-0.09	-0.25	-0.63	0.29	0.29	0.52	4500000	3200000
51.863186480	13.325613970	-0.16	-0.24	-0.43	0.26	0.26	0.48	4550000	3200000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
51.8404686	14.050475780	-0.06	-0.21	-0.28	0.26	0.26	0.47	4600000	3200000
90									
51.8132937	14.774599330	0.07	-0.21	-0.24	0.25	0.25	0.45	4650000	3200000
90									
51.7816697	15.497854790	0.06	-0.24	-0.41	0.25	0.25	0.45	4700000	3200000
60									
51.7456058	16.220113530	0.02	-0.24	-0.80	0.24	0.24	0.45	4750000	3200000
50									
51.7051125	16.941248280	0.10	-0.27	-0.96	0.26	0.26	0.47	4800000	3200000
50									
51.6602016	17.661133310	0.20	-0.38	-0.81	0.24	0.24	0.45	4850000	3200000
10									
51.6108859	18.379644600	0.21	-0.37	-0.67	0.25	0.25	0.47	4900000	3200000
90									
51.5571798	19.096660000	0.21	-0.20	-0.74	0.25	0.25	0.47	4950000	3200000
50									
51.4990985	19.812059340	0.25	-0.16	-0.81	0.24	0.24	0.45	5000000	3200000
10									
51.4366584	20.525724620	0.19	-0.39	-0.71	0.27	0.27	0.48	5050000	3200000
50									
51.3698772	21.237540140	0.08	-0.63	-0.63	0.21	0.21	0.42	5100000	3200000
70									
51.2987736	21.947392620	-0.07	-0.43	-0.56	0.25	0.25	0.47	5150000	3200000
50									
51.2233673	22.655171310	-0.18	-0.33	-0.57	0.24	0.24	0.46	5200000	3200000
20									
51.1436790	23.360768140	-0.22	-0.44	-0.81	0.24	0.23	0.45	5250000	3200000
60									
51.0597306	24.064077800	-0.05	-0.45	-1.11	0.27	0.27	0.46	5300000	3200000
10									
50.9715447	24.764997850	0.16	-0.39	-1.15	0.27	0.27	0.45	5350000	3200000
00									
50.8791449	25.463428810	0.24	-0.45	-1.05	0.27	0.27	0.46	5400000	3200000
40									
50.2620869	-6.583868436	0.12	-0.11	-1.12	0.40	0.40	0.72	3150000	3150000
40									
50.3611099	-5.896262012	0.16	-0.14	-1.33	0.33	0.33	0.57	3200000	3150000
70									
50.4560042	-5.206082525	0.09	-0.13	-1.32	0.30	0.31	0.52	3250000	3150000
00									
50.5467452	-4.513421092	0.07	-0.13	-1.38	0.30	0.31	0.53	3300000	3150000
90									
50.6333097	-3.818371778	-0.02	-0.09	-1.43	0.27	0.27	0.47	3350000	3150000
40									



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
50.715674890	-3.121031516	-0.11	-0.06	-1.33	0.25	0.27	0.46	3400000	3150000
50.793818990	-2.421500034	-0.15	-0.10	-1.13	0.31	0.32	0.53	3450000	3150000
50.867721210	-1.719879757	-0.19	-0.18	-1.08	0.25	0.27	0.44	3500000	3150000
50.937361710	-1.016275717	-0.10	-0.43	-1.25	0.23	0.24	0.41	3550000	3150000
51.002721630	-0.310795443	-0.03	-0.40	-1.16	0.26	0.26	0.45	3600000	3150000
51.063783130	0.396451147	0.07	-0.21	-1.05	0.23	0.24	0.40	3650000	3150000
51.120529450	1.105351867	0.12	-0.13	-1.25	0.27	0.28	0.47	3700000	3150000
51.172944880	1.815792386	0.08	-0.21	-1.41	0.28	0.28	0.48	3750000	3150000
51.221014860	2.527656362	-0.03	-0.36	-1.35	0.27	0.27	0.45	3800000	3150000
51.264725930	3.240825577	-0.11	-0.39	-1.29	0.22	0.23	0.38	3850000	3150000
51.304065800	3.955180086	-0.08	-0.30	-1.36	0.23	0.23	0.39	3900000	3150000
51.339023370	4.670598358	-0.07	-0.38	-1.10	0.23	0.23	0.40	3950000	3150000
51.369588720	5.386957440	0.01	-0.40	-0.65	0.24	0.24	0.42	4000000	3150000
51.395753150	6.104133106	0.19	-0.31	-0.64	0.23	0.23	0.41	4050000	3150000
51.417509190	6.822000025	0.24	-0.34	-0.83	0.26	0.26	0.46	4100000	3150000
51.434850600	7.540431929	0.12	-0.36	-0.86	0.26	0.26	0.46	4150000	3150000
51.447772430	8.259301775	-0.07	-0.27	-0.81	0.27	0.26	0.47	4200000	3150000
51.456270940	8.978481925	-0.16	-0.15	-0.76	0.27	0.27	0.48	4250000	3150000
51.460343700	9.697844314	-0.12	-0.17	-0.71	0.26	0.26	0.46	4300000	3150000
51.459989530	10.417260630	0.00	-0.21	-0.79	0.22	0.22	0.41	4350000	3150000
51.455208540	11.136602480	0.05	-0.20	-0.90	0.30	0.30	0.52	4400000	3150000
51.446002100	11.855741570	-0.02	-0.22	-0.79	0.32	0.32	0.55	4450000	3150000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east in g	north i ng
51.432372860	12.574549910	-0.15	-0.21	-0.54	0.27	0.27	0.51	4500000	3150000
51.414324740	13.292899940	-0.26	-0.22	-0.27	0.26	0.26	0.49	4550000	3150000
51.391862900	14.010664720	-0.19	-0.23	-0.16	0.28	0.28	0.50	4600000	3150000
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	-4.3770	0.00	-0.30	-1.64	0.32	0.32	0.55	3300000	3100000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
	38746								
50.192909870	-3.688117568	-0.22	-0.38	-1.72	0.21	0.23	0.41	3350000	3100000
50.274393040	-2.996984344	-0.17	-0.23	-1.47	0.33	0.34	0.57	3400000	3100000
50.351696950	-2.303735736	-0.16	-0.20	-1.27	0.35	0.35	0.59	3450000	3100000
50.424801510	-1.608470964	-0.15	-0.27	-1.22	0.31	0.32	0.54	3500000	3100000
50.493687600	-0.911291710	-0.06	-0.38	-1.27	0.30	0.31	0.52	3550000	3100000
50.558337030	-0.212302021	0.03	-0.36	-1.18	0.33	0.33	0.55	3600000	3100000
50.618732630	0.488391796	0.11	-0.25	-1.12	0.30	0.30	0.50	3650000	3100000
50.674858230	1.190681291	0.14	-0.05	-1.36	0.29	0.29	0.49	3700000	3100000
50.726698710	1.894455990	0.11	-0.01	-1.51	0.25	0.25	0.43	3750000	3100000
50.774240050	2.599603515	-0.02	-0.17	-1.30	0.26	0.26	0.43	3800000	3100000
50.817469280	3.306009720	-0.10	-0.29	-1.01	0.22	0.22	0.38	3850000	3100000
50.856374570	4.013558826	-0.06	-0.34	-0.88	0.24	0.24	0.40	3900000	3100000
50.890945230	4.722133561	-0.05	-0.40	-0.52	0.23	0.23	0.38	3950000	3100000
50.921171710	5.431615306	-0.03	-0.41	-0.11	0.23	0.23	0.38	4000000	3100000
50.947045640	6.141884246	0.08	-0.34	-0.10	0.24	0.24	0.42	4050000	3100000
50.968559820	6.852819521	0.13	-0.22	-0.25	0.25	0.25	0.44	4100000	3100000
50.985708260	7.564299386	0.01	-0.11	-0.28	0.24	0.24	0.43	4150000	3100000
50.998486180	8.276201370	-0.14	-0.06	-0.34	0.26	0.26	0.46	4200000	3100000
51.006890000	8.988402436	-0.15	-0.10	-0.50	0.24	0.24	0.45	4250000	3100000
51.010917360	9.700779148	0.01	-0.14	-0.75	0.27	0.27	0.47	4300000	3100000
51.010567140	10.413207830	0.12	-0.15	-0.94	0.25	0.25	0.43	4350000	3100000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
51.005839440	11.125564750	0.08	-0.17	-1.01	0.25	0.25	0.44	4400000	3100000
50.996735580	11.837726250	-0.05	-0.27	-0.78	0.26	0.26	0.46	4450000	3100000
50.983258100	12.549568950	-0.17	-0.28	-0.46	0.25	0.25	0.48	4500000	3100000
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
49.8328702	-	-0.11	-0.32	-1.54	0.37	0.37	0.63	3400000	3050000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northi ng
10	2.875785993							0	0
49.909353560	-2.188685594	-0.08	-0.33	-1.35	0.33	0.34	0.57	3450000	3050000
49.981679210	-1.499638507	-0.03	-0.33	-1.33	0.31	0.32	0.53	3500000	3050000
50.049828690	-0.808743197	0.02	-0.28	-1.36	0.35	0.35	0.59	3550000	3050000
50.113784490	-0.116100363	0.07	-0.21	-1.34	0.35	0.35	0.59	3600000	3050000
50.173530040	0.578187156	0.07	-0.18	-1.35	0.33	0.33	0.55	3650000	3050000
50.229049770	1.274014496	0.05	-0.09	-1.45	0.30	0.30	0.50	3700000	3050000
50.280329110	1.971274874	0.04	0.03	-1.43	0.26	0.26	0.45	3750000	3050000
50.327354530	2.669859715	-0.05	-0.04	-1.14	0.27	0.27	0.46	3800000	3050000
50.370113550	3.369658767	-0.12	-0.20	-0.86	0.27	0.27	0.46	3850000	3050000
50.408594790	4.070560240	-0.11	-0.33	-0.76	0.29	0.29	0.50	3900000	3050000
50.442787930	4.772450930	-0.14	-0.41	-0.47	0.25	0.25	0.42	3950000	3050000
50.472683790	5.475216364	-0.23	-0.45	-0.05	0.24	0.24	0.41	4000000	3050000
50.498274290	6.178740938	-0.21	-0.39	0.15	0.26	0.26	0.44	4050000	3050000
50.519552530	6.882908065	-0.12	-0.18	0.23	0.23	0.23	0.42	4100000	3050000
50.536512720	7.587600319	-0.12	0.03	0.18	0.26	0.26	0.46	4150000	3050000
50.549150250	8.292699591	-0.17	0.09	-0.09	0.24	0.24	0.43	4200000	3050000
50.557461690	8.998087238	-0.06	-0.02	-0.55	0.25	0.25	0.45	4250000	3050000
50.561444770	9.703644238	0.12	-0.09	-0.81	0.25	0.25	0.45	4300000	3050000
50.561098400	10.409251350	0.10	-0.14	-0.79	0.26	0.26	0.46	4350000	3050000
50.556422680	11.114789260	-0.06	-0.28	-0.68	0.23	0.22	0.41	4400000	3050000
50.547418880	11.820138760	-0.22	-0.40	-0.47	0.24	0.24	0.43	4450000	3050000
50.5340894	12.525	-0.23	-0.28	-0.28	0.25	0.26	0.47	450000	305000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east in g	north i ng
60	180870							0	0
50.5164380	13.229797020	-0.14	-0.16	-0.30	0.29	0.29	0.53	4550000	3050000
50.4944694	13.933869210	-0.03	-0.14	-0.35	0.27	0.28	0.50	4600000	3050000
50.4681895	14.637280140	0.02	-0.18	-0.29	0.27	0.27	0.48	4650000	3050000
50.4376055	15.339913350	0.04	-0.17	-0.21	0.29	0.30	0.52	4700000	3050000
50.4027257	16.041653430	0.05	-0.14	-0.17	0.25	0.26	0.47	4750000	3050000
50.3635592	16.742386090	0.01	-0.21	-0.15	0.24	0.26	0.45	4800000	3050000
50.3201168	17.441998340	-0.12	-0.22	-0.01	0.24	0.24	0.44	4850000	3050000
50.2724099	18.140378630	-0.19	-0.07	-0.02	0.27	0.27	0.50	4900000	3050000
50.2204512	18.837416980	-0.14	-0.01	-0.27	0.28	0.28	0.51	4950000	3050000
50.1642543	19.533005070	-0.06	-0.12	-0.49	0.26	0.26	0.48	5000000	3050000
50.1038340	20.227036440	-0.13	-0.22	-0.51	0.24	0.24	0.45	5050000	3050000
50.0392061	20.919406520	-0.17	-0.23	-0.52	0.26	0.26	0.48	5100000	3050000
49.9703872	21.610012830	-0.04	-0.27	-0.52	0.27	0.26	0.50	5150000	3050000
49.8973951	22.298755000	-0.02	-0.36	-0.36	0.28	0.28	0.52	5200000	3050000
49.8202483	22.985534950	-0.13	-0.45	-0.34	0.28	0.28	0.52	5250000	3050000
49.7389663	23.670256920	-0.14	-0.53	-0.64	0.26	0.26	0.47	5300000	3050000
49.6535695	24.352827600	-0.03	-0.60	-0.92	0.29	0.29	0.50	5350000	3050000
49.4705173	25.711154530	-0.18	-0.69	-0.60	0.22	0.22	0.39	5450000	3050000
49.3729066	26.386737030	-0.41	-0.58	-0.49	0.29	0.29	0.49	5500000	3050000
49.2712707	27.059820880	-0.40	-0.67	-0.35	0.26	0.26	0.46	5550000	3050000
49.1656339	27.730326060	-0.21	-0.80	-0.17	0.24	0.24	0.42	5600000	3050000
49.0560210	28.398175340	-0.21	-0.61	-0.29	0.28	0.28	0.49	5650000	3050000
49.2274668	-4.113499498	0.07	-0.28	-1.87	0.36	0.36	0.62	3300000	3000000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
49.311325700	-3.436454095	-0.02	-0.34	-1.81	0.36	0.36	0.61	3350000	3000000
49.391105790	-2.757344486	-0.02	-0.36	-1.58	0.36	0.36	0.61	3400000	3000000
49.466787610	-2.076261531	0.02	-0.39	-1.39	0.29	0.29	0.49	3450000	3000000
49.538352480	-1.393298383	0.10	-0.37	-1.43	0.22	0.22	0.39	3500000	3000000
49.605782600	-0.708550407	0.10	-0.17	-1.47	0.31	0.31	0.53	3550000	3000000
49.669061060	-0.022115086	0.13	-0.05	-1.50	0.27	0.27	0.46	3600000	3000000
49.728171900	0.665908074	0.03	-0.15	-1.50	0.23	0.22	0.39	3650000	3000000
49.783100110	1.355417646	-0.09	-0.25	-1.53	0.22	0.22	0.38	3700000	3000000
49.833831630	2.046310392	-0.09	-0.15	-1.39	0.25	0.26	0.44	3750000	3000000
49.880353440	2.738481376	-0.11	-0.15	-1.14	0.27	0.27	0.47	3800000	3000000
49.922653510	3.431824080	-0.14	-0.25	-1.07	0.27	0.27	0.47	3850000	3000000
49.960720860	4.126230526	-0.11	-0.32	-1.03	0.26	0.26	0.45	3900000	3000000
49.994545560	4.821591407	-0.12	-0.35	-0.76	0.24	0.24	0.41	3950000	3000000
50.024118760	5.517796212	-0.26	-0.41	-0.27	0.26	0.26	0.44	4000000	3000000
50.049432690	6.214733365	-0.37	-0.40	0.12	0.23	0.23	0.42	4050000	3000000
50.070480680	6.912290358	-0.24	-0.19	0.31	0.26	0.25	0.45	4100000	3000000
50.087257170	7.610353894	-0.14	-0.06	0.17	0.26	0.25	0.46	4150000	3000000
50.099757720	8.308810028	-0.12	-0.09	-0.34	0.25	0.25	0.44	4200000	3000000
50.107979030	9.007544314	-0.05	-0.11	-0.75	0.25	0.25	0.44	4250000	3000000
50.111918900	9.706441947	0.01	-0.08	-0.73	0.26	0.26	0.48	4300000	3000000
50.111576290	10.405387910	-0.07	-0.12	-0.53	0.31	0.31	0.53	4350000	3000000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
50.106951290	11.104267140	-0.19	-0.21	-0.36	0.30	0.30	0.52	4400000	3000000
50.098045130	11.802964620	-0.29	-0.21	-0.24	0.29	0.29	0.50	4450000	3000000
50.084860170	12.501365620	-0.27	-0.09	-0.19	0.23	0.24	0.43	4500000	3000000
50.067399910	13.199355750	-0.10	-0.04	-0.42	0.28	0.29	0.51	4550000	3000000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
48.609106350	-5.322403980	0.24	-0.13	-1.27	0.36	0.36	0.63	3200000	2950000
48.700124890	-4.655358280	0.29	-0.18	-1.58	0.28	0.28	0.48	3250000	2950000
48.787143320	-3.986148273	0.12	-0.26	-2.08	0.24	0.24	0.42	3300000	2950000
48.870141210	-3.314857490	-0.02	-0.40	-1.91	0.21	0.22	0.39	3350000	2950000
48.949098930	-2.641571787	0.04	-0.36	-1.53	0.31	0.32	0.53	3400000	2950000
49.023997630	-1.966379271	0.12	-0.29	-1.38	0.30	0.30	0.51	3450000	2950000
49.094819280	-1.289370230	0.14	-0.21	-1.41	0.23	0.24	0.41	3500000	2950000
49.161546710	-0.610637046	0.10	-0.03	-1.42	0.23	0.23	0.41	3550000	2950000
49.224163610	0.069725892	0.10	0.00	-1.44	0.24	0.24	0.41	3600000	2950000
49.282654580	0.751622276	0.00	-0.13	-1.52	0.23	0.23	0.39	3650000	2950000
49.337005140	1.434953983	-0.11	-0.23	-1.51	0.24	0.24	0.41	3700000	2950000
49.387201760	2.119621173	-0.09	-0.22	-1.33	0.22	0.22	0.39	3750000	2950000
49.433231850	2.805522400	-0.06	-0.23	-1.27	0.26	0.26	0.45	3800000	2950000
49.475083840	3.492554721	-0.08	-0.23	-1.35	0.25	0.25	0.44	3850000	2950000
49.512747140	4.180613813	-0.03	-0.18	-1.28	0.25	0.25	0.44	3900000	2950000
49.546212170	4.869594095	-0.05	-0.18	-0.87	0.26	0.26	0.45	3950000	2950000
49.575470410	5.559388848	-0.20	-0.24	-0.34	0.24	0.24	0.42	4000000	2950000
49.600514370	6.249890346	-0.34	-0.21	0.02	0.23	0.23	0.41	4050000	2950000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
49.6213376	6.940989983	-0.26	-0.08	0.07	0.24	0.24	0.43	4100000	2950000
49.6379348	7.632578408	-0.13	-0.09	-0.16	0.25	0.25	0.46	4150000	2950000
49.6503016	8.324545656	-0.09	-0.19	-0.63	0.25	0.25	0.45	4200000	2950000
49.6584350	9.016781289	-0.07	-0.16	-0.85	0.27	0.27	0.48	4250000	2950000
49.6623327	9.709174531	-0.09	-0.07	-0.64	0.25	0.25	0.46	4300000	2950000
49.6619937	10.401614410	-0.16	-0.07	-0.42	0.28	0.28	0.51	4350000	2950000
49.6574182	11.093989890	-0.25	-0.07	-0.27	0.28	0.28	0.51	4400000	2950000
49.6486074	11.786190010	-0.24	0.03	-0.25	0.30	0.30	0.53	4450000	2950000
49.6355634	12.478104060	-0.19	0.12	-0.28	0.27	0.27	0.48	4500000	2950000
49.6182897	13.169621650	-0.06	0.05	-0.47	0.26	0.27	0.47	4550000	2950000
49.5967908	13.860632920	0.01	-0.08	-0.72	0.28	0.29	0.49	4600000	2950000
49.5710721	14.551028620	0.02	-0.10	-0.83	0.28	0.29	0.49	4650000	2950000
49.5411402	15.240700270	-0.02	-0.10	-0.71	0.28	0.29	0.51	4700000	2950000
49.5070029	15.929540300	-0.07	-0.21	-0.50	0.25	0.26	0.50	4750000	2950000
49.4686687	16.617442180	-0.07	-0.32	-0.29	0.29	0.29	0.54	4800000	2950000
49.4261475	17.304300500	-0.04	-0.25	-0.19	0.28	0.28	0.52	4850000	2950000
49.3794499	17.990011160	0.00	-0.12	-0.24	0.25	0.25	0.47	4900000	2950000
49.3285878	18.674471450	0.02	-0.10	-0.36	0.25	0.25	0.44	4950000	2950000
49.2735739	19.357580170	0.01	-0.17	-0.31	0.27	0.27	0.46	5000000	2950000
49.2144217	20.039237750	-0.04	-0.15	-0.32	0.24	0.24	0.42	5050000	2950000
49.1511461	20.719346350	-0.09	-0.04	-0.64	0.27	0.27	0.47	5100000	2950000
49.0837625	21.397809960	-0.11	0.01	-0.76	0.25	0.25	0.43	5150000	2950000
49.0122873	22.074534520	-0.24	0.03	-0.45	0.23	0.23	0.41	5200000	2950000
48.9367379	22.749427950	-0.30	-0.11	-0.42	0.30	0.30	0.51	5250000	2950000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
48.9404348	2.191263270	-0.04	-0.12	-1.17	0.23	0.23	0.38	3750000	2900000
48.9859847	2.871034311	0.01	-0.18	-1.24	0.22	0.22	0.39	3800000	2900000
49.0273991	3.551897585	-0.02	-0.06	-1.32	0.27	0.27	0.46	3850000	2900000
49.0646678	4.233752271	-0.03	0.01	-1.13	0.28	0.28	0.49	3900000	2900000
49.0977817	4.916496355	-0.07	-0.03	-0.80	0.26	0.26	0.46	3950000	2900000
49.1267324	5.600026749	-0.20	-0.12	-0.55	0.25	0.25	0.44	4000000	2900000
49.1515128	6.284239411	-0.33	-0.09	-0.52	0.24	0.24	0.42	4050000	2900000
49.1721167	6.969029467	-0.27	0.04	-0.58	0.23	0.23	0.41	4100000	2900000
49.1885388	7.654291337	-0.14	0.01	-0.64	0.26	0.26	0.46	4150000	2900000
49.2007752	8.339918865	-0.05	-0.06	-0.81	0.24	0.24	0.44	4200000	2900000
49.2088226	9.025805442	0.02	-0.06	-0.93	0.25	0.25	0.46	4250000	2900000
49.2126791	9.711844144	0.01	-0.04	-0.83	0.26	0.26	0.48	4300000	2900000
49.2123438	10.397927860	-0.05	-0.05	-0.66	0.31	0.31	0.55	4350000	2900000
49.2078166	11.083949410	-0.12	-0.02	-0.48	0.33	0.33	0.57	4400000	2900000
49.1990988	11.769801720	-0.14	0.08	-0.34	0.32	0.32	0.56	4450000	2900000
49.1861925	12.455377900	-0.10	0.10	-0.23	0.26	0.26	0.47	4500000	2900000
49.1691009	13.140571400	-0.05	-0.02	-0.24	0.22	0.22	0.40	4550000	2900000
49.1478285	13.825276150	-0.04	-0.05	-0.47	0.26	0.27	0.47	4600000	2900000
49.1223804	14.509386680	0.01	0.00	-0.70	0.24	0.25	0.43	4650000	2900000
49.0927630	15.192798230	-0.03	0.01	-0.73	0.21	0.22	0.39	4700000	2900000
49.0589838	15.875406910	-0.13	-0.18	-0.58	0.26	0.27	0.49	4750000	2900000
49.0210511	16.557109800	-0.14	-0.27	-0.47	0.26	0.26	0.49	4800000	2900000
48.9789743	17.237805060	-0.02	-0.19	-0.43	0.27	0.27	0.48	4850000	2900000
48.9327638	17.917392070	0.07	-0.13	-0.49	0.29	0.29	0.50	4900000	2900000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
48.706824810	20.622693850	-0.09	0.02	-0.80	0.29	0.29	0.49	5100000	2900000
48.640134110	21.295280400	-0.16	-0.05	-0.92	0.22	0.22	0.38	5150000	2900000
48.569391460	21.966186470	-0.36	-0.11	-0.76	0.23	0.23	0.41	5200000	2900000
48.494613570	22.635322870	-0.42	-0.10	-0.74	0.23	0.23	0.42	5250000	2900000
48.415817960	23.302602400	-0.28	-0.28	-0.87	0.33	0.33	0.55	5300000	2900000
48.333022960	23.967939930	-0.11	-0.58	-1.02	0.33	0.33	0.54	5350000	2900000
48.246247660	24.631252500	0.07	-0.88	-1.09	0.27	0.27	0.46	5400000	2900000
48.155511890	25.292459360	0.14	-0.91	-1.00	0.26	0.26	0.45	5450000	2900000
48.060836190	25.951482030	-0.02	-0.71	-0.89	0.27	0.27	0.47	5500000	2900000
47.962241800	26.608244380	-0.28	-0.64	-0.75	0.28	0.28	0.50	5550000	2900000
47.859750590	27.262672670	-0.49	-0.66	-0.52	0.29	0.29	0.53	5600000	2900000
47.753385080	27.914695560	-0.38	-0.72	-0.37	0.31	0.31	0.54	5650000	2900000
47.643168380	28.564244220	-0.32	-0.84	-0.33	0.25	0.25	0.44	5700000	2900000
47.529124170	29.211252320	-0.39	-0.81	-0.49	0.31	0.31	0.51	5750000	2900000
47.411276670	29.855656040	-0.32	-0.65	-0.67	0.30	0.30	0.50	5800000	2900000
47.731161870	-5.054174106	0.16	-0.08	-1.13	0.39	0.39	0.70	3200000	2850000
47.820370480	-4.398012791	0.17	-0.09	-1.26	0.31	0.32	0.55	3250000	2850000
47.905651130	-3.739826996	0.12	-0.10	-1.37	0.22	0.22	0.40	3300000	2850000
47.986984770	-3.079695489	0.00	-0.21	-1.26	0.24	0.25	0.43	3350000	2850000
48.0643530	-	-0.04	-0.33	-1.08	0.26	0.26	0.44	3400000	2850000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
48.644281590	15.145983350	-0.03	-0.03	-0.55	0.27	0.28	0.47	4700000	2850000
48.610852160	15.822500270	-0.12	-0.11	-0.68	0.27	0.27	0.48	4750000	2850000
48.573311560	16.498142360	-0.11	-0.05	-0.76	0.26	0.27	0.48	4800000	2850000
48.531668840	17.172811200	0.07	0.01	-0.72	0.23	0.23	0.40	4850000	2850000
48.485933990	17.846409520	0.16	-0.07	-0.66	0.26	0.26	0.44	4900000	2850000
48.436117940	18.518841280	0.09	-0.15	-0.70	0.28	0.28	0.47	4950000	2850000
48.382232530	19.190011830	-0.01	-0.06	-0.82	0.26	0.27	0.45	5000000	2850000
48.324290500	19.859827960	-0.05	0.17	-0.96	0.22	0.23	0.38	5050000	2850000
48.262305480	20.528198020	-0.10	0.03	-1.12	0.27	0.27	0.46	5100000	2850000
48.196291930	21.195032000	-0.23	-0.20	-1.18	0.29	0.29	0.49	5150000	2850000
48.126265180	21.860241640	-0.41	-0.40	-1.18	0.26	0.26	0.44	5200000	2850000
48.052241360	22.523740480	-0.42	-0.33	-1.18	0.26	0.26	0.44	5250000	2850000
47.974237400	23.185443970	-0.36	-0.30	-1.07	0.29	0.29	0.49	5300000	2850000
47.892270980	23.845269550	-0.40	-0.48	-0.85	0.30	0.30	0.50	5350000	2850000
47.806360560	24.503136660	-0.43	-0.73	-0.63	0.26	0.26	0.43	5400000	2850000
47.716525290	25.158966890	-0.17	-0.80	-0.84	0.28	0.28	0.47	5450000	2850000
47.622785020	25.812683980	0.03	-0.77	-0.97	0.25	0.25	0.44	5500000	2850000
47.525160280	26.464213880	-0.03	-0.56	-0.92	0.24	0.24	0.42	5550000	2850000
47.423672210	27.113484830	-0.19	-0.39	-0.66	0.26	0.26	0.44	5600000	2850000
47.318342600	27.760427380	-0.20	-0.33	-0.51	0.28	0.28	0.48	5650000	2850000
47.209193780	28.404974420	-0.19	-0.52	-0.53	0.28	0.28	0.47	5700000	2850000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east in g	north i ng
47.096248690	29.047061240	-0.23	-0.57	-0.63	0.26	0.26	0.43	5750000	2850000
46.979530730	29.686625570	-0.29	-0.56	-0.79	0.25	0.25	0.42	5800000	2850000
39.431576030	-31.900404740	2.11	-11.96	-1.27	0.39	0.39	0.70	900000	2800000
39.672477580	-31.383652210	3.08	-17.42	-1.44	0.32	0.32	0.55	950000	2800000
39.910647120	-30.863785970	2.39	-13.56	-1.41	0.38	0.38	0.66	1000000	2800000
47.291707890	-4.924403741	0.10	-0.08	-1.16	0.42	0.42	0.76	3200000	2800000
47.380041290	-4.273524215	0.11	-0.11	-1.32	0.37	0.37	0.66	3250000	2800000
47.464481780	-3.620685919	0.11	-0.19	-1.56	0.29	0.30	0.51	3300000	2800000
47.545010950	-2.965965356	0.03	-0.25	-1.57	0.23	0.23	0.40	3350000	2800000
47.621611100	-2.309441024	-0.05	-0.29	-1.28	0.28	0.28	0.47	3400000	2800000
47.694265250	-1.651193351	-0.04	-0.37	-1.08	0.25	0.26	0.44	3450000	2800000
47.762957170	-0.991304628	-0.01	-0.32	-1.00	0.24	0.24	0.42	3500000	2800000
47.827671420	-0.329858937	-0.01	-0.19	-1.00	0.23	0.24	0.41	3550000	2800000
47.888393330	0.333057924	0.03	-0.14	-1.15	0.25	0.25	0.43	3600000	2800000
47.945109050	0.997358526	0.06	-0.12	-1.36	0.26	0.26	0.44	3650000	2800000
47.997805570	1.662953888	0.02	-0.17	-1.38	0.24	0.23	0.41	3700000	2800000
48.046470750	2.329753572	-0.04	-0.21	-1.23	0.26	0.26	0.44	3750000	2800000
48.091093270	2.997665769	-0.07	-0.16	-1.14	0.23	0.23	0.39	3800000	2800000
48.131662760	3.666597403	-0.09	-0.01	-1.01	0.25	0.25	0.44	3850000	2800000
48.1681697	4.3364	-0.11	0.00	-0.89	0.27	0.27	0.48	390000	2800000



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



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
70	2.203535044							0	0
47.250559810	-1.550704705	0.04	-0.15	-1.13	0.18	0.18	0.32	3450000	2750000
47.318573430	-0.896287067	0.04	-0.21	-1.14	0.25	0.25	0.43	3500000	2750000
47.382646620	-0.240363646	-0.05	-0.17	-1.19	0.25	0.25	0.43	3550000	2750000
47.442765210	0.416982414	-0.08	-0.10	-1.24	0.26	0.26	0.45	3600000	2750000
47.498915840	1.075666418	0.01	-0.10	-1.27	0.25	0.25	0.44	3650000	2750000
47.551085950	1.735602200	0.04	-0.18	-1.20	0.27	0.27	0.46	3700000	2750000
47.599263780	2.396702209	-0.04	-0.22	-1.11	0.25	0.25	0.44	3750000	2750000
47.643438460	3.058877599	-0.11	-0.19	-1.05	0.25	0.25	0.43	3800000	2750000
47.683599940	3.722038315	-0.11	-0.15	-0.96	0.25	0.25	0.45	3850000	2750000
47.719739060	4.386093194	-0.11	-0.15	-0.88	0.26	0.26	0.46	3900000	2750000
47.751847530	5.050950058	-0.11	-0.12	-0.96	0.27	0.27	0.48	3950000	2750000
47.779917970	5.716515816	-0.06	-0.08	-1.23	0.26	0.26	0.45	4000000	2750000
47.803943920	6.382696567	0.01	-0.13	-1.42	0.25	0.25	0.44	4050000	2750000
47.823919810	7.049397705	0.05	-0.24	-1.19	0.25	0.25	0.42	4100000	2750000
47.839841010	7.716524023	0.07	-0.21	-0.70	0.23	0.23	0.40	4150000	2750000
47.851703830	8.383979827	0.14	0.00	-0.36	0.24	0.25	0.41	4200000	2750000
47.859505500	9.051669037	0.19	0.01	-0.32	0.26	0.27	0.45	4250000	2750000
47.863244220	9.719495307	0.17	-0.04	-0.37	0.24	0.24	0.43	4300000	2750000
47.862919100	10.387362130	0.19	0.07	-0.32	0.29	0.29	0.51	4350000	2750000
47.858530230	11.055172950	0.25	0.16	-0.34	0.25	0.25	0.44	4400000	2750000
47.850078630	11.722831290	0.29	0.04	-0.19	0.26	0.26	0.45	4450000	2750000
47.837566260	12.390240820	0.22	-0.06	-0.06	0.23	0.24	0.42	4500000	2750000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northиng
46.229136280	28.728944910	-0.11	-0.84	-1.20	0.24	0.24	0.42	5750000	2750000
46.114607040	29.359082640	-0.66	-0.91	-1.03	0.25	0.25	0.44	5800000	2750000
45.996386840	29.986795290	-1.05	-0.58	-0.88	0.30	0.30	0.51	5850000	2750000
45.874498580	30.612027970	-1.00	-0.37	-0.78	0.32	0.32	0.56	5900000	2750000
43.081369640	41.393162930	0.37	-0.35	0.18	0.41	0.41	0.73	6800000	2750000
42.894545590	41.963856330	0.42	-0.22	0.14	0.42	0.42	0.77	6850000	2750000
42.704566170	42.531442180	0.48	-0.08	0.06	0.43	0.43	0.81	6900000	2750000
42.511457900	43.095911160	0.58	0.05	0.00	0.44	0.44	0.83	6950000	2750000
42.315247230	43.657255820	0.71	0.16	-0.08	0.44	0.44	0.84	7000000	2750000
42.115960530	44.215470500	0.85	0.25	-0.18	0.44	0.44	0.84	7050000	2750000
41.913624060	44.770551350	0.96	0.31	-0.28	0.44	0.44	0.85	7100000	2750000
41.708263930	45.322496230	0.99	0.33	-0.38	0.44	0.44	0.85	7150000	2750000
46.581292710	-3.390041181	0.04	-0.16	-1.46	0.40	0.40	0.72	3300000	2700000
46.660265500	-2.745820044	0.01	-0.19	-1.54	0.36	0.37	0.64	3350000	2700000
46.735379750	-2.099910018	-0.01	-0.19	-1.51	0.27	0.27	0.48	3400000	2700000
46.806619620	-1.452386846	0.04	-0.12	-1.28	0.28	0.28	0.47	3450000	2700000
46.873969940	-0.803327952	0.06	-0.13	-1.15	0.26	0.26	0.45	3500000	2700000
46.937416310	-0.152812379	-0.05	-0.17	-1.17	0.25	0.25	0.42	3550000	2700000
46.996945040	0.499079281	-0.08	-0.14	-1.21	0.25	0.25	0.42	3600000	2700000
47.052543220	1.152264968	0.04	-0.14	-1.17	0.25	0.25	0.44	3650000	2700000
47.104198720	1.806661220	0.08	-0.19	-1.08	0.27	0.27	0.48	3700000	2700000
47.151900190	2.462183265	-0.01	-0.20	-1.00	0.27	0.27	0.48	3750000	2700000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
47.195637130	3.118745096	-0.07	-0.19	-0.98	0.28	0.28	0.48	3800000	2700000
47.235399840	3.776259565	-0.08	-0.19	-0.99	0.25	0.25	0.44	3850000	2700000
47.271179470	4.434638468	-0.08	-0.16	-0.97	0.27	0.27	0.47	3900000	2700000
47.302968030	5.093792642	-0.11	-0.10	-0.90	0.21	0.21	0.40	3950000	2700000
47.330758400	5.753632056	-0.06	-0.06	-0.92	0.27	0.27	0.47	4000000	2700000
47.354544320	6.414065912	0.02	-0.13	-0.84	0.28	0.28	0.47	4050000	2700000
47.374320440	7.075002742	0.08	-0.17	-0.58	0.25	0.25	0.43	4100000	2700000
47.390082280	7.736350511	0.17	-0.03	-0.25	0.24	0.24	0.41	4150000	2700000
47.401826280	8.398016719	0.29	0.11	-0.01	0.23	0.23	0.39	4200000	2700000
47.409549780	9.059908504	0.32	-0.01	0.17	0.25	0.26	0.43	4250000	2700000
47.413251020	9.721932750	0.25	-0.10	0.33	0.23	0.23	0.39	4300000	2700000
47.412929160	10.383996190	0.24	0.06	0.38	0.25	0.26	0.44	4350000	2700000
47.408584280	11.046005500	0.35	0.17	0.25	0.25	0.26	0.44	4400000	2700000
47.400217360	11.707867450	0.40	0.02	0.10	0.26	0.27	0.46	4450000	2700000
47.387830300	12.369488940	0.35	-0.10	-0.04	0.27	0.27	0.47	4500000	2700000
47.371425910	13.030777160	0.30	-0.03	-0.30	0.26	0.26	0.45	4550000	2700000
47.351007900	13.691639690	0.32	0.04	-0.64	0.30	0.30	0.51	4600000	2700000
47.326580890	14.351984560	0.40	0.10	-1.01	0.28	0.29	0.49	4650000	2700000
47.298150360	15.011720420	0.40	0.34	-1.13	0.30	0.30	0.51	4700000	2700000
47.265722730	15.670756580	0.39	0.63	-1.12	0.27	0.27	0.46	4750000	2700000
47.229305250	16.329003140	0.35	0.60	-1.05	0.25	0.25	0.44	4800000	2700000
47.188906050	16.986371090	0.23	0.20	-1.02	0.24	0.24	0.42	4850000	2700000
47.144534110	17.642772390	0.10	0.05	-0.90	0.26	0.26	0.43	4900000	2700000
47.096199260	18.298120050	-0.04	0.19	-0.71	0.25	0.25	0.42	4950000	2700000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
47.043912160	18.952328280	-0.07	0.26	-0.85	0.24	0.24	0.40	5000000	2700000
46.987684250	19.605312490	-0.02	0.10	-1.45	0.25	0.25	0.42	5050000	2700000
46.927527810	20.256989460	0.02	0.05	-1.98	0.27	0.27	0.45	5100000	2700000
46.863455870	20.907277340	-0.04	0.13	-2.00	0.24	0.24	0.40	5150000	2700000
46.795482230	21.556095790	-0.35	0.12	-1.30	0.25	0.26	0.45	5200000	2700000
46.723621420	22.203366010	-0.64	-0.23	-0.63	0.26	0.27	0.47	5250000	2700000
46.647888720	22.849010860	-0.70	-0.53	-0.69	0.27	0.27	0.46	5300000	2700000
46.568300080	23.492954860	-0.75	-0.54	-1.02	0.30	0.30	0.51	5350000	2700000
46.484872150	24.135124310	-0.88	-0.45	-1.37	0.29	0.29	0.48	5400000	2700000
46.397622240	24.775447290	-0.97	-0.44	-1.47	0.27	0.27	0.45	5450000	2700000
46.306568280	25.413853790	-0.92	-0.50	-1.30	0.24	0.24	0.43	5500000	2700000
46.211728820	26.050275680	-0.82	-0.63	-1.07	0.28	0.28	0.49	5550000	2700000
46.113123020	26.684646820	-0.72	-0.53	-1.00	0.28	0.28	0.48	5600000	2700000
46.010770590	27.316903040	-0.48	-0.41	-1.09	0.26	0.26	0.44	5650000	2700000
45.904691760	27.946982250	-0.08	-0.68	-1.21	0.20	0.20	0.35	5700000	2700000
45.794907320	28.574824400	-0.22	-0.82	-1.25	0.29	0.29	0.49	5750000	2700000
45.681438520	29.200371560	-0.65	-0.74	-1.40	0.27	0.27	0.47	5800000	2700000
45.564307100	29.823567920	-0.94	-0.46	-1.47	0.31	0.31	0.54	5850000	2700000
45.443535210	30.444359810	-0.85	-0.33	-1.28	0.37	0.37	0.65	5900000	2700000
42.856536480	40.588485630	0.42	-0.36	-0.20	0.43	0.43	0.80	6750000	2700000
42.674381580	41.159295880	0.48	-0.27	-0.09	0.43	0.43	0.79	6800000	2700000
42.489058430	41.727091390	0.57	-0.15	-0.02	0.43	0.43	0.80	6850000	2700000
42.300592920	42.291860500	0.69	-0.02	0.04	0.43	0.43	0.81	6900000	2700000
42.109010910	42.853593400	0.86	0.14	0.09	0.43	0.43	0.81	6950000	2700000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
41.914338170	43.412282070	1.10	0.29	0.06	0.43	0.43	0.80	7000000	2700000
41.716600410	43.967920280	1.36	0.43	-0.06	0.43	0.43	0.81	7050000	2700000
41.515823240	44.520503520	1.59	0.53	-0.20	0.43	0.43	0.81	7100000	2700000
41.312032160	45.070028970	1.66	0.56	-0.33	0.43	0.43	0.82	7150000	2700000
46.217490520	-2.639259484	0.01	-0.18	-1.44	0.39	0.39	0.70	3350000	2650000
46.291886050	-1.998497651	0.01	-0.22	-1.47	0.32	0.32	0.56	3400000	2650000
46.362441930	-1.356174488	0.04	-0.20	-1.33	0.23	0.23	0.40	3450000	2650000
46.429143510	-0.712365118	0.03	-0.16	-1.06	0.27	0.27	0.45	3500000	2650000
46.491976870	-0.067146199	-0.02	-0.23	-1.02	0.24	0.24	0.41	3550000	2650000
46.550928780	0.579404140	-0.01	-0.25	-1.13	0.24	0.24	0.42	3600000	2650000
46.605986760	1.227206369	0.08	-0.23	-1.16	0.27	0.27	0.47	3650000	2650000
46.657139100	1.876179632	0.09	-0.22	-1.09	0.28	0.28	0.49	3700000	2650000
46.704374850	2.526241825	0.03	-0.21	-1.01	0.26	0.26	0.46	3750000	2650000
46.747683850	3.177309673	0.00	-0.17	-1.01	0.26	0.26	0.46	3800000	2650000
46.787056730	3.829298816	0.01	-0.13	-1.13	0.26	0.26	0.45	3850000	2650000
46.822484970	4.482123895	0.00	-0.07	-1.19	0.27	0.27	0.46	3900000	2650000
46.853960830	5.135698637	-0.05	-0.01	-1.08	0.25	0.25	0.44	3950000	2650000
46.881477440	5.789935947	-0.01	-0.07	-0.77	0.26	0.26	0.45	4000000	2650000
46.905028760	6.444748003	0.06	-0.23	-0.34	0.22	0.22	0.39	4050000	2650000
46.924609630	7.100046347	0.13	-0.21	0.04	0.25	0.25	0.44	4100000	2650000
46.940215730	7.755741984	0.21	-0.06	0.31	0.27	0.27	0.46	4150000	2650000
46.951843610	8.411745475	0.31	-0.02	0.52	0.30	0.30	0.50	4200000	2650000



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



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northиng
40	28.226074870							0	0
39.285377450	-27.701230130	-0.05	-1.70	-2.56	0.41	0.41	0.73	1200000	2600000
45.848137100	-1.899232383	0.00	-0.22	-1.39	0.35	0.35	0.61	3400000	2600000
45.918023820	-1.262004980	-0.02	-0.24	-1.33	0.24	0.24	0.41	3450000	2600000
45.984090780	-0.623338921	-0.05	-0.19	-1.06	0.25	0.25	0.42	3500000	2600000
46.046324520	0.016691434	-0.08	-0.28	-0.99	0.26	0.26	0.45	3550000	2600000
46.104712250	0.658010328	-0.05	-0.32	-1.07	0.25	0.26	0.44	3600000	2600000
46.159241930	1.300540671	0.03	-0.26	-1.13	0.25	0.25	0.44	3650000	2600000
46.209902220	1.944204111	0.05	-0.21	-1.10	0.25	0.25	0.44	3700000	2600000
46.256682550	2.588921112	0.00	-0.15	-1.00	0.27	0.27	0.47	3750000	2600000
46.299573110	3.234611023	0.00	-0.10	-1.03	0.25	0.25	0.44	3800000	2600000
46.338564840	3.881192167	0.04	-0.05	-1.25	0.26	0.26	0.45	3850000	2600000
46.373649510	4.528581912	0.02	0.00	-1.36	0.27	0.27	0.46	3900000	2600000
46.404819660	5.176696762	0.00	0.01	-1.19	0.26	0.26	0.46	3950000	2600000
46.432068640	5.825452441	0.08	-0.13	-0.69	0.25	0.25	0.44	4000000	2600000
46.455390630	6.474763982	0.15	-0.34	0.00	0.25	0.25	0.44	4050000	2600000
46.474780630	7.124545812	0.11	-0.36	0.62	0.26	0.26	0.43	4100000	2600000
46.490234480	7.774711851	0.11	-0.26	0.89	0.28	0.28	0.47	4150000	2600000
46.501748850	8.425175600	0.20	-0.24	0.97	0.30	0.31	0.51	4200000	2600000
46.509321260	9.075850232	0.33	-0.32	1.05	0.27	0.27	0.47	4250000	2600000
46.512950080	9.726648692	0.36	-0.35	1.05	0.26	0.26	0.45	4300000	2600000
46.512634520	10.377483790	0.38	-0.21	0.86	0.26	0.27	0.45	4350000	2600000
46.5083746	11.028	0.45	-0.06	0.52	0.24	0.25	0.41	4400000	2600000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east ing	north ing
50	268290							0	0
46.500171400	11.678915030	0.45	-0.07	0.15	0.22	0.23	0.38	4450000	2600000
46.488026520	12.329336970	0.45	-0.19	-0.07	0.22	0.22	0.38	4500000	2600000
46.471942650	12.979447340	0.69	-0.22	-0.08	0.21	0.21	0.37	4550000	2600000
46.451923220	13.629159700	0.96	-0.06	-0.24	0.23	0.23	0.39	4600000	2600000
46.427972560	14.278388040	0.96	0.22	-0.61	0.26	0.26	0.45	4650000	2600000
46.400095780	14.927046880	0.87	0.48	-0.85	0.30	0.30	0.47	4700000	2600000
46.368298840	15.575051350	0.79	0.55	-0.93	0.31	0.31	0.48	4750000	2600000
46.332588520	16.222317310	0.67	0.50	-0.88	0.28	0.28	0.46	4800000	2600000
46.292972390	16.868761390	0.56	0.51	-0.86	0.26	0.26	0.44	4850000	2600000
46.249458850	17.514301100	0.52	0.64	-0.91	0.27	0.27	0.45	4900000	2600000
46.202057040	18.158854920	0.46	0.53	-0.92	0.29	0.29	0.48	4950000	2600000
46.150776920	18.802342380	0.38	0.35	-0.99	0.26	0.26	0.42	5000000	2600000
46.095629170	19.444684120	0.11	0.25	-1.38	0.26	0.26	0.42	5050000	2600000
46.036625250	20.085802000	-0.11	0.15	-2.05	0.26	0.26	0.43	5100000	2600000
45.973777320	20.725619120	-0.31	-0.04	-2.27	0.27	0.27	0.46	5150000	2600000
45.907098270	21.364059950	-0.54	-0.35	-1.81	0.25	0.25	0.45	5200000	2600000
45.836601690	22.001050370	-0.94	-0.36	-0.65	0.25	0.25	0.46	5250000	2600000
45.762301830	22.636517710	-1.05	-0.30	-0.29	0.28	0.28	0.49	5300000	2600000
45.684213630	23.270390840	-0.94	-0.38	-0.67	0.28	0.28	0.50	5350000	2600000
45.602352650	23.902600250	-0.83	-0.56	-1.16	0.28	0.28	0.48	5400000	2600000
45.516735060	24.533078030	-0.93	-0.63	-1.14	0.30	0.30	0.51	5450000	2600000
45.427377670	25.161758010	-1.01	-0.57	-0.95	0.29	0.29	0.51	5500000	2600000
45.334297840	25.788575710	-0.76	-0.42	-1.21	0.27	0.27	0.49	5550000	2600000
45.2375135	26.413	-0.57	-0.31	-1.45	0.33	0.33	0.56	5600000	2600000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
00	468470							0	0
45.1370431	27.036375450	-0.58	-0.24	-1.38	0.33	0.33	0.55	5650000	2600000
45.0329056	27.657237650	-0.73	-0.27	-1.12	0.27	0.27	0.46	5700000	2600000
44.9251206	28.275997960	-0.75	-0.36	-0.97	0.30	0.30	0.51	5750000	2600000
44.8137079	28.892601220	-0.59	-0.37	-1.38	0.23	0.24	0.43	5800000	2600000
44.6986879	29.506994170	-0.51	-0.45	-1.94	0.27	0.27	0.52	5850000	2600000
44.5800815	30.119125530	-0.50	-0.35	-1.67	0.38	0.38	0.68	5900000	2600000
41.6751471	41.266337350	1.12	-0.17	-0.33	0.42	0.42	0.78	6850000	2600000
41.4896330	41.825538550	1.37	0.05	0.00	0.41	0.41	0.76	6900000	2600000
41.3010272	42.381858170	1.77	0.34	0.43	0.36	0.35	0.68	6950000	2600000
41.1093544	42.935287270	2.41	0.73	0.57	0.31	0.30	0.59	7000000	2600000
40.9146388	43.485818570	3.16	1.11	0.16	0.35	0.35	0.61	7050000	2600000
40.7169049	44.033446450	3.85	1.37	-0.10	0.35	0.35	0.64	7100000	2600000
40.5161769	44.578166870	4.57	1.56	-0.22	0.33	0.33	0.62	7150000	2600000
40.3124790	45.119977370	3.72	1.36	-0.38	0.38	0.38	0.71	7200000	2600000
40.1058352	45.658877010	2.48	0.99	-0.52	0.42	0.42	0.79	7250000	2600000
39.8962694	46.194866350	1.56	0.65	-0.59	0.44	0.44	0.84	7300000	2600000
38.2292489	-29.009498380	0.27	-2.32	-1.76	0.44	0.44	0.83	1050000	2550000
38.4538512	-28.492194500	0.12	-2.05	-2.15	0.43	0.43	0.80	1100000	2550000
38.6756728	-27.972077430	-0.05	-1.93	-2.68	0.40	0.40	0.71	1150000	2550000
38.8946914	-27.449139480	-0.24	-1.97	-3.27	0.32	0.32	0.54	1200000	2550000
39.1108844	-26.923374180	-0.23	-1.63	-3.04	0.36	0.36	0.63	1250000	2550000
45.4041302	-	0.00	-0.22	-1.33	0.37	0.37	0.64	340000	255000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
00	610810							0	0
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
45.950859690	14.886072590	1.44	0.15	-0.88	0.31	0.31	0.52	4700000	2550000
45.919367630	15.528736740	1.32	0.42	-1.05	0.35	0.35	0.59	4750000	2550000
45.883999180	16.170686360	1.21	0.63	-1.07	0.34	0.34	0.57	4800000	2550000
45.844761650	16.811840750	1.07	0.87	-0.93	0.25	0.25	0.44	4850000	2550000
45.801663150	17.452120040	0.82	0.92	-0.85	0.24	0.24	0.40	4900000	2550000
45.754712520	18.091445270	0.61	0.62	-0.93	0.24	0.24	0.40	4950000	2550000
45.703919380	18.729738490	0.32	0.34	-1.06	0.23	0.23	0.38	5000000	2550000
45.649294060	19.366922810	0.02	0.39	-1.38	0.29	0.29	0.48	5050000	2550000
45.590847620	20.002922470	-0.28	0.34	-1.82	0.30	0.30	0.50	5100000	2550000
45.528591830	20.637662930	-0.58	0.09	-2.02	0.24	0.24	0.41	5150000	2550000
45.462539140	21.271070930	-0.72	-0.30	-1.71	0.27	0.27	0.48	5200000	2550000
45.392702700	21.903074540	-0.98	-0.39	-1.00	0.31	0.31	0.54	5250000	2550000
45.319096290	22.533603250	-1.18	-0.52	-0.64	0.33	0.33	0.57	5300000	2550000
45.241734350	23.162587980	-1.26	-0.76	-0.73	0.24	0.24	0.47	5350000	2550000
45.160631940	23.789961200	-1.12	-0.85	-1.03	0.26	0.26	0.47	5400000	2550000
45.075804700	24.415656930	-1.24	-0.81	-0.88	0.24	0.25	0.44	5450000	2550000
44.987268900	25.039610800	-1.37	-0.69	-0.61	0.28	0.28	0.49	5500000	2550000
44.895041340	25.661760110	-1.05	-0.63	-1.00	0.25	0.26	0.45	5550000	2550000
44.799139380	26.282043860	-0.64	-0.49	-1.48	0.29	0.29	0.50	5600000	2550000
44.699580880	26.900402780	-0.61	-0.25	-1.50	0.29	0.29	0.49	5650000	2550000
44.596384240	27.516779370	-0.90	-0.17	-1.16	0.24	0.24	0.40	5700000	2550000
44.4895683	28.131	-1.13	-0.20	-0.77	0.25	0.25	0.45	5750000	2550000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng	
10	117970							0	0	
44.3791524	28.743364710	-0.72	-0.28	-1.08	0.20	0.21	0.39	5800000	2550000	
10	44.2651563	29.353467590	-0.42	-0.37	-1.46	0.34	0.34	0.60	5850000	2550000
41.4477257	40.482906400	1.39	-0.46	-0.80	0.38	0.38	0.72	6800000	2550000	
70	41.2667531	41.042154090	1.54	-0.29	-0.54	0.39	0.39	0.73	6850000	2550000
90	41.0826775	41.598605310	1.84	0.01	-0.11	0.38	0.38	0.70	6900000	2550000
50	40.8955227	42.152249050	2.44	0.36	0.32	0.35	0.35	0.65	6950000	2550000
90	40.7053127	42.703075990	3.33	0.88	0.43	0.30	0.30	0.52	7000000	2550000
70	40.5120713	43.251078420	4.15	1.45	0.16	0.24	0.23	0.39	7050000	2550000
40	40.3158222	43.796250210	4.66	1.82	-0.10	0.29	0.29	0.54	7100000	2550000
30	40.1165891	44.338586800	5.79	2.29	-0.28	0.25	0.25	0.50	7150000	2550000
40	39.9143956	44.878085150	4.65	1.96	-0.48	0.36	0.36	0.66	7200000	2550000
20	39.7092651	45.414743710	3.04	1.35	-0.59	0.41	0.42	0.77	7250000	2550000
30	39.5012209	45.948562400	1.85	0.83	-0.62	0.44	0.44	0.83	7300000	2550000
60	37.8419364	-28.756047550	0.13	-1.61	-1.76	0.44	0.44	0.84	1050000	2500000
10	38.0650015	-28.240518430	0.02	-1.62	-2.17	0.43	0.43	0.80	1100000	2500000
10	38.2852913	-27.722240740	-0.13	-1.77	-2.75	0.40	0.40	0.70	1150000	2500000
50	38.5027840	-27.201207530	-0.32	-2.10	-3.48	0.29	0.29	0.48	1200000	2500000
30	38.7174577	-26.677413100	-0.28	-1.89	-3.24	0.34	0.34	0.58	1250000	2500000
40	43.9618901	-8.499978573	0.11	-0.21	-1.05	0.37	0.37	0.66	2850000	2500000
60	44.0707589	-7.891685370	0.06	-0.22	-0.75	0.35	0.36	0.63	2900000	2500000
40	44.1760520	-7.2813	0.12	-0.23	-0.66	0.38	0.38	0.68	2950000	2500000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	71447							0	0
44.959862630	-1.706893822	0.02	-0.24	-1.25	0.34	0.35	0.60	3400000	2500000
45.028453790	-1.079556301	-0.01	-0.25	-1.34	0.24	0.24	0.44	3450000	2500000
45.093292220	-0.450869717	-0.11	-0.18	-1.38	0.24	0.25	0.42	3500000	2500000
45.154365330	0.179095926	-0.13	-0.29	-1.39	0.24	0.24	0.43	3550000	2500000
45.211661180	0.810269358	-0.14	-0.24	-1.28	0.28	0.28	0.49	3600000	2500000
45.265168480	1.442578104	-0.13	-0.10	-1.14	0.25	0.25	0.45	3650000	2500000
45.314876670	2.075948546	-0.06	-0.01	-1.08	0.25	0.25	0.45	3700000	2500000
45.360775860	2.710305993	-0.07	-0.05	-1.08	0.25	0.25	0.44	3750000	2500000
45.402856890	3.345574751	-0.11	-0.12	-1.13	0.26	0.26	0.45	3800000	2500000
45.441111300	3.981678193	-0.13	-0.13	-1.21	0.26	0.26	0.44	3850000	2500000
45.475531400	4.618538832	-0.12	-0.15	-1.20	0.26	0.26	0.45	3900000	2500000
45.506110240	5.256078400	-0.13	-0.23	-0.84	0.27	0.27	0.46	3950000	2500000
45.532841600	5.894217926	-0.15	-0.34	-0.13	0.24	0.24	0.42	4000000	2500000
45.555720050	6.532877814	-0.22	-0.37	0.52	0.26	0.26	0.45	4050000	2500000
45.574740940	7.171977922	-0.33	-0.39	0.78	0.25	0.25	0.42	4100000	2500000
45.589900360	7.811437649	-0.26	-0.42	0.55	0.25	0.25	0.42	4150000	2500000
45.601195220	8.451176018	0.01	-0.44	0.22	0.24	0.24	0.41	4200000	2500000
45.608623210	9.091111756	0.29	-0.28	-0.22	0.23	0.24	0.40	4250000	2500000
45.612182800	9.731163385	0.39	-0.09	-0.73	0.21	0.22	0.38	4300000	2500000
45.611873260	10.371249300	0.57	-0.09	-0.90	0.25	0.25	0.43	4350000	2500000
45.607694660	11.011287870	0.84	-0.18	-0.76	0.22	0.22	0.37	4400000	2500000
45.599647850	11.651197500	1.15	-0.17	-0.76	0.22	0.23	0.38	4450000	2500000
45.5877344	12.290	1.64	-0.27	-1.66	0.21	0.21	0.36	4500000	2500000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
80	896740							0	0
45.5719569	12.930304360	2.17	-0.40	-2.15	0.27	0.27	0.45	4550000	2500000
90									
45.5523186	13.569339440	2.31	-0.39	-2.02	0.24	0.26	0.45	4600000	2500000
20									
45.5288233	14.207921440	1.97	-0.13	-1.51	0.28	0.31	0.54	4650000	2500000
70									
45.5014760	14.845970310	1.83	0.15	-1.30	0.34	0.35	0.62	4700000	2500000
20									
45.4702821	15.483406540	1.89	0.47	-1.40	0.35	0.35	0.65	4750000	2500000
50									
45.4352480	16.120151260	1.88	0.78	-1.49	0.35	0.34	0.64	4800000	2500000
70									
45.3963808	16.756126340	1.59	0.90	-1.37	0.34	0.34	0.60	4850000	2500000
60									
45.3536883	17.391254420	1.19	0.85	-1.23	0.30	0.29	0.52	4900000	2500000
40									
45.3071790	18.025459000	0.89	0.71	-1.36	0.30	0.29	0.51	4950000	2500000
80									
45.2568623	18.658664570	0.59	0.63	-1.60	0.30	0.30	0.51	5000000	2500000
50									
45.2027481	19.290796580	0.17	0.73	-1.72	0.26	0.26	0.46	5050000	2500000
50									
45.1448471	19.921781610	-0.28	0.69	-1.70	0.27	0.27	0.45	5100000	2500000
70									
45.0831707	20.551547360	-0.59	0.40	-1.65	0.27	0.27	0.46	5150000	2500000
80									
45.0177310	21.180022760	-0.78	0.13	-1.43	0.27	0.27	0.47	5200000	2500000
50									
44.9485406	21.807138020	-1.06	-0.07	-1.01	0.29	0.29	0.49	5250000	2500000
60									
44.8756129	22.432824690	-1.43	-0.61	-0.80	0.31	0.31	0.53	5300000	2500000
70									
44.7989619	23.057015680	-1.56	-0.98	-0.88	0.29	0.29	0.50	5350000	2500000
30									
44.7186021	23.679645380	-1.42	-0.92	-1.01	0.30	0.30	0.52	5400000	2500000
10									
44.6345486	24.300649660	-1.41	-0.67	-0.76	0.28	0.29	0.48	5450000	2500000
70									
44.5468173	24.919965930	-1.47	-0.62	-0.38	0.27	0.28	0.47	5500000	2500000
20									
44.4554243	25.537533180	-1.17	-0.70	-0.68	0.28	0.29	0.49	5550000	2500000
50									
44.3603865	26.153292020	-0.80	-0.70	-1.23	0.22	0.23	0.42	5600000	2500000
50									
44.2617212	26.767184740	-0.67	-0.27	-1.36	0.25	0.25	0.43	5650000	2500000
40									
44.1594462	27.379	-0.88	-0.16	-1.06	0.21	0.21	0.36	5700000	2500000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
10	155310							0	0
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
43.831147810	29.202999850	-0.39	-0.38	-1.21	0.35	0.35	0.62	5850000	2500000
42.657646365	34.554900361	0.48	-0.47	-1.52	0.40	0.40	0.72	6300000	2500000
42.510250028	35.137596969	0.57	-0.46	-1.76	0.37	0.37	0.65	6350000	2500000
42.359532919	35.717776307	0.57	-0.55	-1.68	0.38	0.38	0.67	6400000	2500000
41.386770820	39.144510350	1.43	-0.60	-0.83	0.38	0.38	0.68	6700000	2500000
41.213449100	39.706366760	1.68	-0.58	-0.88	0.31	0.31	0.61	6750000	2500000
41.036990850	40.265526580	1.82	-0.64	-0.97	0.31	0.31	0.62	6800000	2500000
40.857419370	40.821975230	1.91	-0.42	-0.60	0.35	0.35	0.66	6850000	2500000
40.674758000	41.375699780	2.29	-0.08	-0.13	0.32	0.31	0.61	6900000	2500000
40.489030030	41.926688930	3.19	0.23	0.25	0.32	0.32	0.60	6950000	2500000
40.300258750	42.474932990	3.99	0.61	0.45	0.32	0.32	0.57	7000000	2500000
40.108467390	43.020423850	3.96	1.01	0.48	0.31	0.31	0.52	7050000	2500000
39.913679120	43.563154950	4.30	1.70	0.15	0.32	0.31	0.55	7100000	2500000
39.715917040	44.103121240	5.18	2.57	-0.39	0.32	0.31	0.58	7150000	2500000
39.515204130	44.640319150	5.11	2.57	-0.70	0.35	0.35	0.65	7200000	2500000
39.311563300	45.174746580	3.30	1.59	-0.66	0.41	0.41	0.75	7250000	2500000
39.105017310	45.706402830	1.96	0.92	-0.63	0.43	0.44	0.81	7300000	2500000
43.299865370	-9.559374859	0.09	-0.24	-1.12	0.41	0.41	0.74	2750000	2450000
43.414823080	-8.959368179	0.19	-0.30	-1.33	0.35	0.36	0.63	2800000	2450000
43.526269350	-8.357303188	0.28	-0.31	-1.48	0.21	0.26	0.43	2850000	2450000
43.6341852	-	0.05	-0.28	-0.69	0.20	0.22	0.39	2900000	2450000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
45.150722390	8.463763421	0.18	-0.19	-0.42	0.24	0.25	0.42	4200000	2450000
45.158080540	9.098500141	0.45	-0.10	-0.72	0.25	0.25	0.43	4250000	2450000
45.161606660	9.733349020	0.66	0.05	-1.05	0.25	0.26	0.44	4300000	2450000
45.161300030	10.368231080	1.05	0.07	-1.29	0.26	0.26	0.44	4350000	2450000
45.157160720	11.003067320	1.51	0.01	-1.47	0.23	0.23	0.39	4400000	2450000
45.149189560	11.637778770	1.60	0.06	-1.96	0.25	0.25	0.42	4450000	2450000
45.137388140	12.272286610	1.62	0.05	-2.79	0.24	0.25	0.43	4500000	2450000
45.121758820	12.906512200	1.97	0.02	-2.67	0.32	0.32	0.55	4550000	2450000
45.102304720	13.540377220	2.07	0.05	-2.34	0.31	0.32	0.56	4600000	2450000
45.079029720	14.173803720	2.05	0.13	-1.81	0.36	0.37	0.64	4650000	2450000
45.051938440	14.806714170	2.06	0.29	-1.55	0.38	0.38	0.68	4700000	2450000
45.021036260	15.439031610	2.23	0.56	-1.62	0.37	0.36	0.67	4750000	2450000
44.986329280	16.070679650	2.38	0.87	-1.79	0.34	0.33	0.66	4800000	2450000
44.947824350	16.701582620	2.08	0.99	-1.77	0.35	0.35	0.65	4850000	2450000
44.905529030	17.331665570	1.64	0.96	-1.79	0.35	0.35	0.63	4900000	2450000
44.859451600	17.960854400	1.36	0.95	-2.07	0.33	0.32	0.60	4950000	2450000
44.809601020	18.589075890	1.16	1.02	-2.39	0.31	0.30	0.57	5000000	2450000
44.755986960	19.216257800	0.73	1.10	-2.27	0.28	0.28	0.49	5050000	2450000
44.698619770	19.842328930	0.12	1.00	-1.88	0.25	0.25	0.43	5100000	2450000
44.637510440	20.467219160	-0.42	0.75	-1.40	0.25	0.25	0.43	5150000	2450000
44.572670630	21.090859520	-0.76	0.70	-0.98	0.27	0.27	0.46	5200000	2450000
44.504112620	21.713182290	-1.12	0.41	-0.70	0.28	0.28	0.47	5250000	2450000
44.431849330	22.334121000	-1.61	-0.35	-0.67	0.27	0.27	0.46	5300000	2450000
44.355894260	22.953610490	-1.79	-0.86	-0.91	0.28	0.28	0.47	5350000	2450000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
44.276261520	23.571587020	-1.62	-0.84	-1.11	0.26	0.26	0.44	5400000	2450000
44.192965760	24.187988230	-1.38	-0.47	-0.81	0.28	0.28	0.47	5450000	2450000
44.106022220	24.802753260	-1.24	-0.40	-0.50	0.29	0.29	0.49	5500000	2450000
44.015446640	25.415822750	-1.14	-0.51	-0.55	0.25	0.25	0.43	5550000	2450000
43.921255290	26.027138890	-1.08	-0.37	-0.82	0.23	0.23	0.40	5600000	2450000
43.823464960	26.636645460	-1.00	-0.27	-0.89	0.26	0.26	0.45	5650000	2450000
43.722092870	27.244287840	-0.94	-0.34	-0.79	0.29	0.29	0.49	5700000	2450000
43.617156740	27.850013100	-0.70	-0.20	-0.79	0.23	0.23	0.42	5750000	2450000
43.508674700	28.453769940	-0.66	-0.20	-0.95	0.23	0.23	0.43	5800000	2450000
43.396665320	29.055508790	-0.52	-0.35	-1.02	0.36	0.36	0.65	5850000	2450000
42.515471610	33.207377410	0.48	-0.55	-1.10	0.40	0.40	0.72	6200000	2450000
42.375955160	33.791396910	0.63	-0.71	-1.34	0.39	0.38	0.71	6250000	2450000
42.233093870	34.373031150	0.65	-0.80	-1.65	0.37	0.37	0.66	6300000	2450000
42.086909380	34.952248240	0.78	-0.77	-2.10	0.25	0.25	0.43	6350000	2450000
41.937423490	35.529018020	0.77	-1.08	-1.88	0.31	0.31	0.53	6400000	2450000
41.784658210	36.103312140	0.65	-1.11	-1.42	0.37	0.37	0.67	6450000	2450000
41.628635670	36.675104000	0.64	-0.82	-1.15	0.39	0.38	0.71	6500000	2450000
41.469378160	37.244368710	0.81	-0.71	-0.99	0.41	0.41	0.73	6550000	2450000
41.306908080	37.811083150	1.18	-0.73	-0.88	0.38	0.38	0.68	6600000	2450000
41.141247930	38.375225900	1.77	-0.87	-0.83	0.29	0.29	0.50	6650000	2450000
40.972420290	38.936777230	1.75	-0.78	-0.76	0.33	0.33	0.58	6700000	2450000
40.800447800	39.495719100	1.74	-0.69	-0.73	0.30	0.30	0.57	6750000	2450000
40.625353130	40.052035120	1.77	-0.59	-0.63	0.31	0.31	0.60	6800000	2450000
40.447159010	40.605710530	1.99	-0.42	-0.27	0.34	0.34	0.62	6850000	2450000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
40.265888150	41.156732190	2.69	-0.31	0.29	0.31	0.31	0.55	6900000	2450000
40.081563270	41.705088530	3.85	-0.10	0.54	0.30	0.30	0.54	6950000	2450000
39.894207040	42.250769550	4.54	0.21	0.53	0.29	0.30	0.56	7000000	2450000
39.703842140	42.793766790	3.62	0.43	0.73	0.26	0.26	0.48	7050000	2450000
39.510491140	43.334073280	3.80	1.09	0.36	0.31	0.31	0.55	7100000	2450000
39.314176580	43.871683530	4.73	1.92	-0.27	0.35	0.35	0.61	7150000	2450000
39.114920900	44.406593490	4.62	2.19	-0.65	0.36	0.37	0.64	7200000	2450000
38.912746450	44.938800540	3.01	1.42	-0.62	0.41	0.42	0.74	7250000	2450000
38.707675450	45.468303440	1.81	0.84	-0.59	0.44	0.44	0.80	7300000	2450000
38.499730020	45.995102290	1.06	0.48	-0.58	0.44	0.44	0.84	7350000	2450000
37.927079960	-26.197628330	-0.20	-2.71	-2.60	0.36	0.36	0.61	1250000	2400000
38.135956060	-25.675124430	-0.14	-2.56	-2.53	0.34	0.34	0.57	1300000	2400000
38.341983950	-25.149981960	-0.08	-1.65	-2.21	0.39	0.39	0.68	1350000	2400000
42.865740600	-9.411403671	0.07	-0.34	-1.09	0.38	0.38	0.67	2750000	2400000
42.979713150	-8.815422826	0.17	-0.45	-1.20	0.27	0.28	0.47	2800000	2400000
43.090199600	-8.217444208	0.33	-0.42	-1.30	0.26	0.27	0.45	2850000	2400000
43.197181620	-7.617514844	0.25	-0.26	-0.98	0.22	0.23	0.40	2900000	2400000
43.300641290	-7.015683406	0.13	-0.40	-0.90	0.20	0.21	0.35	2950000	2400000
43.400561090	-6.412000190	0.33	-0.55	-0.86	0.23	0.23	0.37	3000000	2400000
43.496923930	-5.806517087	0.51	-0.26	-0.68	0.17	0.17	0.29	3050000	2400000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
43.589713170	-5.199287565	0.32	-0.04	-0.81	0.27	0.27	0.45	3100000	2400000
43.678912660	-4.590366632	0.17	-0.08	-1.11	0.32	0.32	0.53	3150000	2400000
43.764506700	-3.979810808	0.08	-0.14	-1.41	0.32	0.32	0.55	3200000	2400000
43.846480130	-3.367678087	0.01	-0.19	-1.44	0.35	0.35	0.60	3250000	2400000
43.924818290	-2.754027899	-0.02	-0.20	-1.33	0.38	0.38	0.65	3300000	2400000
43.999507070	-2.138921071	-0.02	-0.18	-1.19	0.37	0.37	0.62	3350000	2400000
44.070532910	-1.522419783	-0.05	-0.18	-0.96	0.30	0.30	0.51	3400000	2400000
44.137882830	-0.904587519	-0.07	-0.12	-0.88	0.25	0.25	0.43	3450000	2400000
44.201544430	-0.285489019	-0.02	-0.08	-1.14	0.26	0.26	0.45	3500000	2400000
44.261505920	0.334809770	-0.02	-0.13	-1.41	0.26	0.26	0.46	3550000	2400000
44.317756140	0.956241752	-0.08	-0.09	-1.47	0.27	0.27	0.47	3600000	2400000
44.370284530	1.578738736	-0.05	-0.08	-1.39	0.28	0.28	0.48	3650000	2400000
44.419081200	2.202231499	0.03	-0.19	-1.24	0.29	0.29	0.50	3700000	2400000
44.464136900	2.826649843	0.05	-0.31	-1.07	0.27	0.27	0.47	3750000	2400000
44.505443080	3.451922658	-0.01	-0.27	-0.96	0.27	0.27	0.46	3800000	2400000
44.542991840	4.077977992	-0.04	-0.15	-0.94	0.28	0.28	0.47	3850000	2400000
44.576775970	4.704743118	-0.05	-0.16	-0.96	0.27	0.27	0.47	3900000	2400000
44.606788980	5.332144595	-0.11	-0.28	-0.73	0.27	0.27	0.48	3950000	2400000
44.633025080	5.960108352	-0.22	-0.33	-0.25	0.27	0.27	0.49	4000000	2400000
44.655479170	6.588559747	-0.26	-0.18	0.13	0.23	0.23	0.45	4050000	2400000
44.6741469	7.2174	-0.22	0.03	0.01	0.27	0.27	0.48	4100000	2400000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
10	23650							0	0
44.6890246	7.846624514	-0.08	0.09	-0.31	0.25	0.25	0.43	4150000	2400000
44.7001095	8.476086449	0.16	-0.02	-0.57	0.25	0.26	0.43	4200000	2400000
44.7073993	9.105733302	0.35	-0.03	-0.74	0.24	0.25	0.42	4250000	2400000
44.7108927	9.735488731	0.64	0.12	-1.00	0.27	0.28	0.47	4300000	2400000
44.7105889	10.365276280	1.35	0.28	-1.18	0.23	0.24	0.41	4350000	2400000
44.7064881	10.995019480	2.17	0.35	-1.45	0.25	0.26	0.43	4400000	2400000
44.6985909	11.624641870	2.46	0.46	-2.18	0.23	0.23	0.39	4450000	2400000
44.6868990	12.254067140	2.11	0.50	-2.97	0.24	0.25	0.44	4500000	2400000
44.6714146	12.883219190	2.24	0.46	-2.43	0.34	0.34	0.59	4550000	2400000
44.6521408	13.512022150	2.29	0.43	-1.94	0.37	0.38	0.65	4600000	2400000
44.6290813	14.140400560	2.26	0.40	-1.58	0.39	0.39	0.67	4650000	2400000
44.6022405	14.768279360	2.30	0.41	-1.44	0.37	0.37	0.65	4700000	2400000
44.5716237	15.395583980	2.39	0.51	-1.49	0.36	0.35	0.62	4750000	2400000
44.5372368	16.022240460	2.35	0.74	-1.63	0.37	0.37	0.66	4800000	2400000
44.4990864	16.648175460	2.24	0.98	-1.80	0.37	0.37	0.68	4850000	2400000
44.4571797	17.273316370	2.04	1.15	-2.04	0.35	0.34	0.64	4900000	2400000
44.4115248	17.897591380	1.67	1.13	-2.36	0.31	0.31	0.60	4950000	2400000
44.3621305	18.520929510	1.48	1.18	-2.63	0.28	0.28	0.56	5000000	2400000
44.3090059	19.143260720	1.03	1.04	-2.37	0.29	0.29	0.53	5050000	2400000
44.2521612	19.764515940	0.44	0.90	-1.90	0.24	0.24	0.43	5100000	2400000
44.1916069	20.384627170	-0.25	0.96	-1.16	0.26	0.26	0.46	5150000	2400000
44.1273543	21.003527470	-0.73	1.21	-0.47	0.24	0.24	0.43	5200000	2400000
44.0594154	21.621151100	-1.14	0.85	-0.28	0.30	0.30	0.50	5250000	2400000
43.9878026	22.237	-1.54	0.28	-0.40	0.25	0.25	0.42	5300000	2400000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
00	843680							0	0
40.212824850	39.842344030	1.50	-0.53	-0.46	0.31	0.31	0.60	6800000	2400000
40.035984790	40.393272330	1.87	-0.40	-0.12	0.33	0.33	0.61	6850000	2400000
39.856081160	40.941615270	2.75	-0.47	0.49	0.29	0.29	0.51	6900000	2400000
39.673136070	41.487361060	3.95	-0.41	0.56	0.30	0.30	0.51	6950000	2400000
39.487171650	42.030499410	4.29	-0.15	0.32	0.34	0.35	0.61	7000000	2400000
39.298209990	42.571021540	3.47	0.21	0.35	0.37	0.37	0.63	7050000	2400000
39.106273120	43.108920120	3.35	0.65	0.16	0.38	0.38	0.64	7100000	2400000
38.911383010	43.644189260	3.86	1.04	-0.17	0.37	0.37	0.60	7150000	2400000
38.713561560	44.176824490	16.21	-4.14	-0.44	0.41	0.33	0.59	7200000	2400000
38.512830580	44.706822690	16.99	-5.17	-0.47	0.49	0.40	0.69	7250000	2400000
38.309211770	45.234182110	17.31	-5.63	-0.49	0.54	0.43	0.77	7300000	2400000
38.102726730	45.758902330	17.62	-5.74	-0.51	0.58	0.44	0.82	7350000	2400000
37.893396900	46.280984210	18.02	-5.68	-0.55	0.61	0.45	0.85	7400000	2400000
37.530162230	-25.963645570	-0.25	-3.27	-2.38	0.33	0.33	0.55	1250000	2350000
37.737593670	-25.443158470	-0.14	-3.17	-2.55	0.18	0.19	0.30	1300000	2350000
37.942184800	-24.920095640	-0.09	-1.90	-2.21	0.34	0.34	0.58	1350000	2350000
42.431130260	-9.266309345	0.01	-0.46	-1.05	0.34	0.34	0.59	2750000	2350000
42.544136930	-8.674287748	0.09	-0.58	-1.05	0.25	0.25	0.42	2800000	2350000
42.653682460	-8.080326811	0.34	-0.57	-1.14	0.21	0.23	0.39	2850000	2350000
42.759749070	-7.484472476	0.17	-0.36	-1.12	0.27	0.27	0.46	2900000	2350000
42.862319390	-6.8867	-0.10	-0.38	-1.10	0.27	0.27	0.46	2950000	2350000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
	72257							0	0
42.961376430	-6.287275223	-0.16	-0.52	-1.01	0.23	0.23	0.38	3000000	2350000
43.056903640	-5.686031974	0.19	-0.46	-0.81	0.23	0.24	0.40	3050000	2350000
43.148884890	-5.083094614	0.31	-0.37	-0.79	0.23	0.23	0.39	3100000	2350000
43.237304520	-4.478516722	0.21	-0.29	-1.12	0.21	0.21	0.36	3150000	2350000
43.322147340	-3.872353320	0.07	-0.32	-1.50	0.20	0.20	0.32	3200000	2350000
43.403398650	-3.264660842	-0.05	-0.34	-1.49	0.23	0.23	0.39	3250000	2350000
43.481044260	-2.655497091	-0.08	-0.27	-1.38	0.29	0.29	0.48	3300000	2350000
43.555070510	-2.044921204	-0.05	-0.17	-1.28	0.29	0.29	0.48	3350000	2350000
43.625464280	-1.432993611	-0.09	-0.07	-1.02	0.27	0.27	0.45	3400000	2350000
43.692212980	-0.819775985	-0.14	-0.01	-0.81	0.23	0.23	0.40	3450000	2350000
43.755304640	-0.205331199	-0.03	-0.10	-0.96	0.23	0.23	0.40	3500000	2350000
43.814727830	0.410276725	0.01	-0.20	-1.18	0.26	0.26	0.46	3550000	2350000
43.870471750	1.026982669	-0.03	-0.20	-1.31	0.26	0.25	0.45	3600000	2350000
43.922526200	1.644720471	-0.02	-0.22	-1.28	0.28	0.28	0.47	3650000	2350000
43.970881590	2.263422985	-0.01	-0.30	-1.09	0.27	0.27	0.46	3700000	2350000
44.015529000	2.883022134	-0.05	-0.32	-0.85	0.26	0.26	0.45	3750000	2350000
44.056460130	3.503448979	-0.11	-0.22	-0.75	0.25	0.25	0.42	3800000	2350000
44.093667350	4.124633773	-0.12	-0.15	-0.93	0.24	0.24	0.41	3850000	2350000
44.127143700	4.746506031	-0.14	-0.22	-1.06	0.25	0.25	0.44	3900000	2350000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east in g	north i ng
43.7454562	20.303722210	-0.25	0.80	-0.95	0.26	0.26	0.46	5150000	2350000
43.6817786	20.917974920	-0.80	1.07	-0.38	0.29	0.29	0.50	5200000	2350000
43.6144459	21.530990330	-1.24	1.00	-0.11	0.27	0.27	0.47	5250000	2350000
43.5434700	22.142705770	-1.49	0.59	-0.45	0.26	0.26	0.45	5300000	2350000
43.4688638	22.753059740	-1.68	0.23	-0.93	0.26	0.27	0.48	5350000	2350000
43.3906403	23.361992030	-1.68	0.06	-0.96	0.25	0.26	0.49	5400000	2350000
43.3088134	23.969443700	-1.52	-0.21	-0.59	0.23	0.23	0.42	5450000	2350000
43.2233973	24.575357180	-1.29	-0.34	-0.78	0.24	0.24	0.42	5500000	2350000
43.1344068	25.179676250	-1.23	0.02	-0.99	0.28	0.28	0.47	5550000	2350000
43.0418571	25.782346110	-1.31	0.14	-0.96	0.26	0.26	0.43	5600000	2350000
42.9457640	26.383313430	-1.30	-0.35	-0.66	0.28	0.28	0.47	5650000	2350000
42.8461438	26.982526330	-1.20	-0.62	-0.49	0.29	0.29	0.51	5700000	2350000
42.7430129	27.579934470	-1.30	-0.57	-0.48	0.25	0.25	0.47	5750000	2350000
42.6363885	28.175489010	-1.32	-0.63	-0.59	0.29	0.29	0.57	5800000	2350000
41.9242802	31.707355450	-0.01	-1.13	-0.79	0.40	0.40	0.72	6100000	2350000
41.7937095	32.288700930	0.41	-1.08	-0.75	0.32	0.32	0.55	6150000	2350000
41.6597945	32.867859710	0.77	-1.20	-0.79	0.26	0.26	0.44	6200000	2350000
41.5225551	33.444797510	0.89	-1.51	-0.94	0.32	0.33	0.57	6250000	2350000
41.3820115	34.019481710	0.79	-1.76	-1.07	0.31	0.32	0.58	6300000	2350000
41.2381842	34.591881310	6.12	-12.22	-1.14	0.40	0.51	0.59	6350000	2350000
41.0910937	35.161966980	6.13	-12.44	-1.01	0.38	0.49	0.57	6400000	2350000
40.9407608	35.729711040	6.26	-13.34	-0.93	0.32	0.45	0.54	6450000	2350000
40.7872064	36.295087410	6.10	-13.25	-0.85	0.32	0.46	0.58	6500000	2350000
40.6304517	36.858071660	5.63	-12.44	-0.72	0.34	0.47	0.62	6550000	2350000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northиng
40.4705178	37.418640970	5.14	-12.01	-0.70	0.29	0.42	0.59	6600000	2350000
40.3074260	37.976774110	5.54	-12.47	-0.43	0.30	0.44	0.56	6650000	2350000
40.1411977	38.532451430	5.88	-13.14	-0.40	0.29	0.44	0.56	6700000	2350000
39.9718544	39.085654860	5.64	-13.19	-0.55	0.29	0.44	0.58	6750000	2350000
39.7994176	39.636367880	4.85	-12.53	-0.71	0.34	0.46	0.62	6800000	2350000
39.6239087	40.184575510	12.16	-8.73	-0.41	0.39	0.43	0.65	6850000	2350000
39.4453495	40.730264250	12.78	-8.76	0.05	0.40	0.44	0.63	6900000	2350000
39.2637613	41.273422140	13.46	-8.28	0.16	0.42	0.44	0.62	6950000	2350000
39.0791659	41.814038650	14.03	-7.40	0.08	0.42	0.43	0.64	7000000	2350000
38.8915847	42.352104700	14.49	-6.34	0.07	0.40	0.40	0.68	7050000	2350000
38.7010392	42.887612660	15.13	-5.47	-0.04	0.42	0.40	0.68	7100000	2350000
38.5075508	43.420556260	15.90	-4.66	-0.19	0.41	0.37	0.63	7150000	2350000
38.3111410	43.950930620	16.99	-4.52	-0.26	0.38	0.29	0.51	7200000	2350000
38.1118310	44.478732210	17.28	-5.13	-0.29	0.44	0.35	0.60	7250000	2350000
37.9096419	45.003958800	17.06	-5.38	-0.35	0.51	0.40	0.74	7300000	2350000
37.7045949	45.526609470	17.30	-5.44	-0.42	0.56	0.43	0.81	7350000	2350000
37.4967110	46.046684550	17.75	-5.38	-0.50	0.59	0.44	0.84	7400000	2350000
37.1321129	-25.733499710	-0.34	-3.17	-2.12	0.35	0.36	0.61	1250000	2300000
37.3381216	-25.215020840	-0.36	-3.38	-2.23	0.30	0.31	0.50	1300000	2300000
37.5412980	-24.694027580	-0.21	-2.23	-2.02	0.36	0.37	0.63	1350000	2300000
41.9960365	-9.124017126	-0.01	-0.58	-1.15	0.31	0.32	0.54	2750000	2300000
42.1080961	-8.535889443	0.07	-0.66	-1.24	0.24	0.24	0.40	2800000	2300000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
42.216719150	-7.945878839	0.23	-0.54	-1.32	0.22	0.23	0.39	2850000	2300000
42.321888380	-7.354030191	0.12	-0.37	-1.27	0.25	0.26	0.43	2900000	2300000
42.423586950	-6.760389880	-0.17	-0.39	-1.17	0.24	0.25	0.43	2950000	2300000
42.521798420	-6.165005781	-0.19	-0.51	-0.99	0.24	0.24	0.40	3000000	2300000
42.616506710	-5.567927230	0.06	-0.55	-0.87	0.24	0.24	0.39	3050000	2300000
42.707696210	-4.969205005	0.29	-0.50	-0.98	0.29	0.29	0.49	3100000	2300000
42.795351750	-4.368891294	0.33	-0.50	-1.20	0.28	0.28	0.47	3150000	2300000
42.879458590	-3.767039667	0.17	-0.49	-1.31	0.26	0.26	0.43	3200000	2300000
42.960002510	-3.163705040	-0.11	-0.42	-1.21	0.24	0.24	0.39	3250000	2300000
43.036969760	-2.558943640	-0.18	-0.31	-1.18	0.23	0.23	0.38	3300000	2300000
43.110347110	-1.952812970	-0.08	-0.19	-1.19	0.22	0.22	0.36	3350000	2300000
43.180121850	-1.345371762	-0.12	-0.08	-0.94	0.24	0.24	0.40	3400000	2300000
43.246281810	-0.736679941	-0.20	-0.05	-0.73	0.23	0.23	0.39	3450000	2300000
43.308815370	-0.126798572	-0.12	-0.14	-0.75	0.24	0.24	0.41	3500000	2300000
43.367711500	0.484210180	-0.02	-0.23	-0.85	0.24	0.24	0.42	3550000	2300000
43.422959720	1.096283105	0.02	-0.27	-0.98	0.25	0.25	0.42	3600000	2300000
43.474550170	1.709355999	-0.02	-0.29	-1.06	0.25	0.25	0.42	3650000	2300000
43.522473580	2.323363719	-0.10	-0.26	-0.93	0.26	0.26	0.45	3700000	2300000
43.5667213	2.9382	-0.18	-0.19	-0.78	0.23	0.23	0.40	3750000	2300000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
00	40236							0	0
43.6072853	3.553918695	-0.15	-0.12	-0.97	0.24	0.24	0.40	3800000	2300000
43.6441582	4.170331476	-0.10	-0.22	-1.37	0.22	0.22	0.38	3850000	2300000
43.6773333	4.787410254	-0.06	-0.34	-1.54	0.25	0.24	0.42	3900000	2300000
43.7068045	5.405086061	-0.11	-0.25	-1.14	0.25	0.25	0.43	3950000	2300000
43.7325664	6.023289351	-0.10	-0.08	-0.72	0.24	0.24	0.42	4000000	2300000
43.7546142	6.641950068	-0.06	-0.09	-0.81	0.25	0.26	0.43	4050000	2300000
43.7729438	7.260997709	-0.16	-0.20	-0.95	0.20	0.21	0.35	4100000	2300000
43.7875519	7.880361394	-0.20	-0.18	-0.82	0.29	0.29	0.50	4150000	2300000
43.7984358	8.499969934	-0.08	-0.14	-0.85	0.34	0.34	0.58	4200000	2300000
43.8055933	9.119751898	0.00	-0.11	-1.04	0.34	0.35	0.58	4250000	2300000
43.8090233	9.739635689	0.12	-0.05	-1.33	0.29	0.30	0.51	4300000	2300000
43.8087250	10.359549610	0.49	-0.03	-1.26	0.25	0.26	0.44	4350000	2300000
43.8046986	10.979421920	1.32	-0.08	-0.42	0.21	0.22	0.38	4400000	2300000
43.7969447	11.599180950	2.07	-0.01	-0.14	0.26	0.27	0.45	4450000	2300000
43.7854648	12.218755100	2.67	0.45	-0.30	0.26	0.27	0.44	4500000	2300000
43.7702611	12.838073000	3.46	1.11	-0.33	0.22	0.23	0.38	4550000	2300000
43.7513363	13.457063480	3.69	1.27	-0.21	0.26	0.27	0.45	4600000	2300000
43.7286939	14.075655740	3.10	1.08	-0.48	0.35	0.35	0.60	4650000	2300000
43.7023382	14.693779330	2.71	0.81	-0.76	0.36	0.37	0.62	4700000	2300000
43.6722740	15.311364270	2.54	0.64	-0.94	0.35	0.35	0.60	4750000	2300000
43.6385069	15.928341110	2.41	0.62	-1.04	0.35	0.35	0.62	4800000	2300000
43.6010429	16.544640970	2.43	0.71	-1.19	0.28	0.28	0.57	4850000	2300000
43.5598890	17.160195640	2.30	0.99	-1.67	0.33	0.33	0.63	4900000	2300000
43.5150526	17.774	2.04	0.89	-1.97	0.34	0.34	0.63	4950000	2300000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
20	937620							0	0
43.4665418	18.388	1.58	0.58	-1.91	0.35	0.35	0.62	500000	230000
90	800190							0	0
43.4143655	19.001	1.06	0.33	-1.60	0.34	0.34	0.60	505000	230000
60	717440							0	0
43.3585329	19.613	0.43	0.07	-1.10	0.21	0.22	0.45	510000	230000
90	624390							0	0
43.2990541	20.224	-0.25	0.58	-0.89	0.27	0.28	0.50	515000	230000
60	456980							0	0
43.2359396	20.834	-0.93	0.84	-0.64	0.28	0.28	0.50	520000	230000
10	152170							0	0
43.1692005	21.442	-1.51	0.68	-0.52	0.27	0.27	0.48	525000	230000
00	647970							0	0
43.0988485	22.049	-1.79	0.43	-0.88	0.27	0.28	0.48	530000	230000
10	883490							0	0
43.0248959	22.655	-1.86	0.48	-1.40	0.24	0.24	0.42	535000	230000
10	798990							0	0
42.9473554	23.260	-1.88	0.29	-1.17	0.26	0.26	0.45	540000	230000
90	335940							0	0
42.8662405	23.863	-1.84	-0.18	-0.63	0.24	0.24	0.42	545000	230000
60	437030							0	0
42.7815649	24.465	-1.71	-0.22	-0.66	0.23	0.23	0.40	550000	230000
60	046240							0	0
42.6933429	25.065	-1.43	0.22	-0.84	0.26	0.26	0.43	555000	230000
90	108880							0	0
42.6015894	25.663	-1.14	0.15	-0.72	0.26	0.26	0.44	560000	230000
40	571590							0	0
42.5063195	26.260	-1.05	-0.23	-0.53	0.27	0.27	0.47	565000	230000
80	382400							0	0
42.4075490	26.855	-0.96	0.03	-0.47	0.29	0.29	0.51	570000	230000
90	490770							0	0
42.3052941	27.448	-1.10	0.13	-0.47	0.23	0.23	0.46	575000	230000
00	847600							0	0
42.1995711	28.040	-1.43	-0.69	-0.54	0.23	0.23	0.56	580000	230000
20	405240							0	0
42.0903970	28.630	-1.22	-0.77	-0.62	0.36	0.36	0.68	585000	230000
80	117550							0	0
41.6195413	30.969	-0.60	-1.85	-0.82	0.41	0.41	0.74	605000	230000
50	643930							0	0
41.4933781	31.549	-0.27	-1.81	-0.71	0.40	0.40	0.71	610000	230000
90	490950							0	0
41.3638726	32.127	0.16	-1.77	-0.62	0.35	0.35	0.60	615000	230000
90	248080							0	0
41.2310439	32.702	0.56	-2.16	-0.58	0.10	0.10	0.27	620000	230000
80	880040							0	0
41.0949114	33.276	0.65	-1.72	-0.54	0.34	0.35	0.55	625000	230000
70	353150							0	0
40.9554947	33.847	1.47	-19.84	-0.50	0.35	0.36	0.55	630000	230000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
36.937554680	-24.990636010	-0.55	-3.72	-1.95	0.23	0.27	0.42	1300000	2250000
37.139337920	-24.471701580	-0.30	-2.27	-1.76	0.38	0.39	0.67	1350000	2250000
41.560461310	-8.984454861	0.01	-0.69	-1.26	0.31	0.31	0.54	2750000	2250000
41.671592130	-8.400156988	0.06	-0.74	-1.35	0.22	0.23	0.40	2800000	2250000
41.779310600	-7.814030683	0.17	-0.54	-1.25	0.25	0.25	0.44	2850000	2250000
41.883600000	-7.226119778	0.25	-0.44	-1.29	0.23	0.23	0.39	2900000	2250000
41.984443990	-6.636469550	0.22	-0.53	-1.31	0.22	0.22	0.37	2950000	2250000
42.081826600	-6.045126703	0.07	-0.54	-1.11	0.30	0.30	0.49	3000000	2250000
42.175732260	-5.452139345	0.18	-0.47	-1.06	0.26	0.26	0.43	3050000	2250000
42.266145840	-4.857556961	0.28	-0.42	-1.25	0.29	0.29	0.47	3100000	2250000
42.353052620	-4.261430387	0.34	-0.46	-1.43	0.28	0.28	0.47	3150000	2250000
42.436438330	-3.663811781	0.27	-0.47	-1.45	0.24	0.24	0.40	3200000	2250000
42.516289190	-3.064754587	-0.06	-0.41	-1.09	0.24	0.24	0.40	3250000	2250000
42.592591880	-2.464313505	-0.19	-0.37	-0.85	0.22	0.22	0.37	3300000	2250000
42.665333580	-1.862544450	-0.15	-0.31	-0.76	0.23	0.23	0.38	3350000	2250000
42.734501990	-1.259504516	-0.19	-0.19	-0.63	0.23	0.23	0.39	3400000	2250000
42.800085310	-0.655251933	-0.30	-0.07	-0.55	0.23	0.23	0.39	3450000	2250000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
42.862072300	-0.049846022	-0.28	-0.07	-0.56	0.26	0.26	0.43	3500000	2250000
42.920452280	0.556652848	-0.19	-0.11	-0.55	0.24	0.24	0.41	3550000	2250000
42.975215100	1.164183311	-0.13	-0.14	-0.62	0.22	0.22	0.38	3600000	2250000
43.026351220	1.772683050	-0.14	-0.15	-0.76	0.24	0.24	0.42	3650000	2250000
43.073851670	2.382088854	-0.16	-0.09	-0.75	0.24	0.24	0.41	3700000	2250000
43.117708080	2.992336667	-0.16	-0.05	-0.80	0.25	0.25	0.43	3750000	2250000
43.157912690	3.603361645	-0.10	-0.09	-1.13	0.27	0.27	0.46	3800000	2250000
43.194458360	4.215098216	-0.04	-0.22	-1.48	0.31	0.31	0.53	3850000	2250000
43.227338560	4.827480134	0.02	-0.31	-1.68	0.28	0.28	0.48	3900000	2250000
43.256547420	5.440440541	-0.06	-0.21	-1.39	0.17	0.19	0.35	3950000	2250000
43.282079690	6.053912030	-0.17	-0.14	-0.98	0.25	0.26	0.44	4000000	2250000
43.303930780	6.667826705	-0.09	-0.21	-1.08	0.23	0.23	0.40	4050000	2250000
43.322096750	7.282116246	-0.08	-0.25	-1.15	0.31	0.31	0.52	4100000	2250000
43.336574310	7.896711974	-0.09	-0.24	-1.04	0.36	0.36	0.61	4150000	2250000
43.354454390	9.126545865	0.05	-0.20	-1.10	0.35	0.35	0.60	4250000	2250000
43.357853680	9.741645461	0.10	-0.27	-1.35	0.29	0.30	0.51	4300000	2250000
43.357558080	10.356774240	0.28	-0.49	-1.20	0.30	0.30	0.51	4350000	2250000
43.353567650	10.971862720	0.66	-0.76	-0.61	0.27	0.27	0.46	4400000	2250000
43.345883120	11.586841450	1.24	-0.84	-0.04	0.26	0.27	0.46	4450000	2250000
43.334505870	12.201641080	1.85	-0.40	0.08	0.20	0.21	0.35	4500000	2250000
43.319437980	12.816192440	2.91	0.68	0.10	0.22	0.23	0.39	4550000	2250000
43.300682150	13.430426610	3.69	1.47	0.21	0.22	0.23	0.40	4600000	2250000
43.278241790	14.044274960	3.20	1.43	-0.20	0.31	0.32	0.54	4650000	2250000
43.222324300	15.270541590	2.47	0.84	-0.78	0.39	0.39	0.68	4750000	2250000

#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
43.188857210	15.882824730	2.38	0.69	-0.92	0.38	0.38	0.68	4800000	2250000
43.151725660	16.494451880	2.38	0.69	-1.14	0.35	0.35	0.65	4850000	2250000
43.110936270	17.105356900	2.42	0.81	-1.60	0.36	0.36	0.65	4900000	2250000
43.066496270	17.715474330	2.53	0.84	-2.07	0.31	0.31	0.57	4950000	2250000
43.018413540	18.324739450	2.18	0.61	-1.99	0.33	0.33	0.57	5000000	2250000
42.966696520	18.933088330	1.35	0.29	-1.50	0.36	0.36	0.62	5050000	2250000
42.911354300	19.540457900	0.54	0.19	-1.02	0.34	0.34	0.60	5100000	2250000
42.852396500	20.146786000	-0.22	0.51	-0.83	0.30	0.30	0.55	5150000	2250000
42.789833360	20.752011400	-1.09	0.73	-0.91	0.28	0.29	0.52	5200000	2250000
42.723675660	21.356073920	-1.83	0.58	-0.92	0.29	0.30	0.52	5250000	2250000
42.653934720	21.958914400	-2.25	0.42	-1.03	0.28	0.28	0.48	5300000	2250000
42.580622430	22.560474780	-2.46	0.45	-1.18	0.25	0.25	0.42	5350000	2250000
42.503751150	23.160698170	-2.43	0.43	-0.93	0.22	0.22	0.38	5400000	2250000
42.423333810	23.759528840	-2.27	0.28	-0.48	0.25	0.25	0.42	5450000	2250000
42.339383780	24.356912270	-2.04	0.37	-0.39	0.24	0.24	0.42	5500000	2250000
42.251914950	24.952795250	-1.67	0.48	-0.49	0.24	0.24	0.43	5550000	2250000
42.160941640	25.547125810	-1.16	0.09	-0.46	0.26	0.26	0.45	5600000	2250000
42.066478630	26.139853340	-0.89	0.03	-0.45	0.27	0.28	0.47	5650000	2250000
41.968541150	26.730928560	-1.00	0.51	-0.53	0.30	0.30	0.52	5700000	2250000
41.867144810	27.320303600	-1.12	0.85	-0.55	0.26	0.26	0.48	5750000	2250000
41.762305650	27.907931970	-1.46	-0.52	-0.54	0.27	0.27	0.53	5800000	2250000
41.654040070	28.493768640	-1.41	-0.80	-0.58	0.34	0.34	0.62	5850000	2250000
41.542364850	29.077769990	-1.33	-1.05	-0.65	0.35	0.35	0.63	5900000	2250000
41.427297110	29.659893910	-1.23	-2.09	-0.79	0.37	0.37	0.64	5950000	2250000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
41.308854290	30.240099730	-1.19	-2.62	-0.91	0.37	0.37	0.64	6000000	2250000
41.187054170	30.818348320	-1.09	-3.03	-0.86	0.37	0.37	0.66	6050000	2250000
41.061914800	31.394602020	-0.64	-2.60	-0.61	0.39	0.39	0.67	6100000	2250000
40.933454510	31.968824700	-0.15	-2.08	-0.46	0.38	0.38	0.63	6150000	2250000
40.801691910	32.540981760	-1.57	-21.07	-0.47	0.35	0.36	0.55	6200000	2250000
40.666645840	33.111040120	-0.45	-20.39	-0.37	0.33	0.33	0.54	6250000	2250000
40.528335360	33.678968210	0.88	-19.47	-0.09	0.21	0.22	0.38	6300000	2250000
40.386779750	34.244736020	2.11	-19.66	-0.29	0.29	0.30	0.51	6350000	2250000
40.241998460	34.808315050	3.27	-19.35	-0.54	0.30	0.30	0.54	6400000	2250000
40.094011150	35.369678320	4.58	-19.57	-0.71	0.34	0.34	0.58	6450000	2250000
39.942837600	35.928800380	5.71	-19.58	-0.62	0.31	0.31	0.54	6500000	2250000
39.788497760	36.485657280	6.42	-19.07	-0.37	0.31	0.32	0.53	6550000	2250000
39.631011680	37.040226580	7.15	-18.63	-0.16	0.23	0.24	0.44	6600000	2250000
39.470399520	37.592487340	8.21	-17.39	-0.63	0.33	0.34	0.60	6650000	2250000
39.306681560	38.142420080	9.17	-16.41	-1.09	0.26	0.28	0.55	6700000	2250000
39.139878110	38.690006810	9.75	-16.01	-1.43	0.28	0.28	0.54	6750000	2250000
38.970009580	39.235230980	9.82	-15.42	-1.41	0.29	0.29	0.56	6800000	2250000
38.797096400	39.778077480	10.96	-15.55	-0.84	0.31	0.31	0.61	6850000	2250000
38.621159030	40.318532620	12.68	-8.70	-0.12	0.34	0.35	0.62	6900000	2250000
38.442217950	40.856584110	13.40	-8.02	0.19	0.37	0.37	0.66	6950000	2250000
38.260293650	41.392221070	13.85	-7.05	0.26	0.36	0.36	0.66	7000000	2250000
38.075406580	41.925433940	14.18	-6.16	0.14	0.34	0.31	0.66	7050000	2250000
37.887577180	42.456214530	14.87	-5.43	-0.01	0.39	0.36	0.70	7100000	2250000
37.696825840	42.984555970	15.65	-5.00	-0.14	0.42	0.36	0.70	7150000	2250000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
37.503172900	43.510452690	16.21	-5.07	-0.16	0.44	0.38	0.70	7200000	2250000
37.306638630	44.033900380	16.14	-5.10	-0.15	0.45	0.38	0.71	7250000	2250000
37.107243220	44.554896010	15.88	-5.01	-0.17	0.45	0.36	0.73	7300000	2250000
36.905006760	45.073437750	16.63	-4.95	-0.33	0.52	0.42	0.80	7350000	2250000
36.699949230	45.589525000	17.30	-4.81	-0.45	0.57	0.45	0.84	7400000	2250000
36.332679160	-25.284421370	-0.29	-1.98	-1.54	0.40	0.41	0.73	1250000	2200000
36.535906680	-24.769930350	-0.33	-2.23	-1.58	0.38	0.39	0.69	1300000	2200000
41.010814210	-9.426266659	-0.05	-0.57	-1.14	0.38	0.38	0.68	2700000	2200000
41.124406080	-8.847552893	-0.04	-0.76	-1.20	0.28	0.28	0.50	2750000	2200000
41.234626010	-8.267021931	0.02	-0.78	-1.16	0.27	0.28	0.47	2800000	2200000
41.341457430	-7.684715176	0.13	-0.67	-1.07	0.28	0.28	0.47	2850000	2200000
41.444884120	-7.100675438	0.24	-0.65	-1.20	0.24	0.25	0.41	2900000	2200000
41.544890240	-6.514946913	0.26	-0.67	-1.31	0.25	0.25	0.41	2950000	2200000
41.641460290	-5.927575165	0.12	-0.60	-1.09	0.27	0.27	0.44	3000000	2200000
41.734579180	-5.338607101	0.08	-0.47	-1.00	0.25	0.25	0.41	3050000	2200000
41.824232240	-4.748090949	0.10	-0.40	-1.26	0.22	0.22	0.37	3100000	2200000
41.910405200	-4.156076230	0.10	-0.45	-1.39	0.29	0.29	0.47	3150000	2200000
41.993084240	-3.562613728	0.03	-0.46	-1.30	0.30	0.30	0.50	3200000	2200000
42.072255980	-2.9677	-0.13	-0.44	-1.08	0.26	0.26	0.43	3250000	2200000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
42.883376320	12.184874780	1.21	-1.44	-0.47	0.22	0.23	0.39	4500000	2200000
42.868441410	12.794756220	1.94	-0.50	-0.55	0.25	0.25	0.43	4550000	2200000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
41.52911970	26.608775100	-1.68	0.08	-0.71	0.23	0.24	0.44	5700000	2200000
41.42856530	27.194236450	-1.81	0.05	-0.67	0.29	0.29	0.50	5750000	2200000
41.324592780	27.778001840	-1.85	-0.74	-0.62	0.24	0.24	0.47	5800000	2200000
41.217218100	28.360027310	-1.57	-0.91	-0.63	0.31	0.31	0.54	5850000	2200000
41.106457540	28.940270270	-1.56	-0.94	-0.59	0.15	0.15	0.34	5900000	2200000
40.992327720	29.518689530	-1.32	-4.64	-0.80	0.26	0.26	0.45	5950000	2200000
40.874845560	30.095245360	-1.54	-3.48	-1.05	0.21	0.21	0.41	6000000	2200000
40.754028320	30.669899410	-1.59	-4.47	-0.91	0.26	0.26	0.52	6050000	2200000
40.629893530	31.242614840	-2.54	-21.88	-0.34	0.37	0.37	0.60	6100000	2200000
40.502458980	31.813356210	-2.45	-21.84	-0.19	0.35	0.35	0.60	6150000	2200000
40.371742760	32.382089580	-2.48	-21.58	-0.52	0.28	0.29	0.53	6200000	2200000
40.237763160	32.948782470	-1.15	-21.30	-0.76	0.31	0.31	0.53	6250000	2200000
40.100538700	33.513403860	0.58	-20.65	-0.63	0.31	0.31	0.52	6300000	2200000
39.960088110	34.075924210	1.88	-20.19	-0.51	0.30	0.31	0.53	6350000	2200000
39.816430330	34.636315460	3.10	-19.91	-0.68	0.28	0.28	0.52	6400000	2200000
39.669584440	35.194551000	4.39	-19.51	-0.89	0.32	0.32	0.57	6450000	2200000
39.519569690	35.750605700	5.53	-19.38	-0.85	0.27	0.27	0.49	6500000	2200000
39.366405490	36.304455880	6.27	-18.78	-0.70	0.32	0.32	0.53	6550000	2200000
39.210111330	36.856079320	7.12	-17.77	-0.70	0.35	0.35	0.60	6600000	2200000
39.050706850	37.405455240	8.10	-16.78	-0.98	0.34	0.34	0.62	6650000	2200000
38.888211770	37.952564280	9.07	-15.87	-1.27	0.33	0.34	0.61	6700000	2200000
38.722645880	38.497388510	9.87	-15.31	-1.37	0.31	0.32	0.59	6750000	2200000
38.554029030	39.039911420	10.61	-15.12	-1.06	0.31	0.32	0.62	6800000	2200000
38.382381140	39.580117860	12.89	-8.26	-0.35	0.29	0.28	0.58	6850000	2200000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
38.207722150	40.117994090	13.64	-8.11	0.17	0.30	0.30	0.58	6900000	2200000
38.030071990	40.653527710	13.84	-7.51	0.49	0.33	0.34	0.62	6950000	2200000
37.849450650	41.186707680	14.02	-6.81	0.67	0.25	0.24	0.57	7000000	2200000
37.665878060	41.717524250	14.31	-6.21	0.54	0.34	0.32	0.64	7050000	2200000
37.479374150	42.245969030	14.82	-5.65	0.23	0.40	0.38	0.72	7100000	2200000
37.289958820	42.772034870	15.38	-5.28	0.00	0.44	0.41	0.76	7150000	2200000
37.097651900	43.295715890	15.79	-5.12	-0.12	0.46	0.42	0.78	7200000	2200000
36.902473170	43.817007490	15.97	-5.01	-0.19	0.48	0.42	0.79	7250000	2200000
36.704442330	44.335906240	16.17	-4.87	-0.26	0.50	0.43	0.80	7300000	2200000
36.503579020	44.852409940	16.66	-4.72	-0.37	0.53	0.45	0.83	7350000	2200000
40.575196640	-9.288304339	-0.07	-0.64	-1.16	0.36	0.36	0.64	2700000	2150000
40.687872060	-8.713243956	-0.10	-0.83	-1.19	0.22	0.22	0.43	2750000	2150000
40.797198520	-8.136418187	0.05	-0.85	-1.02	0.25	0.25	0.44	2800000	2150000
40.903159960	-7.557867493	0.15	-0.75	-0.90	0.27	0.27	0.45	2850000	2150000
41.005740630	-6.977633681	0.15	-0.68	-1.08	0.25	0.25	0.42	2900000	2150000
41.104925170	-6.395759892	0.07	-0.63	-1.25	0.26	0.26	0.42	2950000	2150000
41.200698540	-5.812290576	-0.01	-0.56	-0.99	0.28	0.28	0.46	3000000	2150000
41.293046120	-5.227271470	-0.13	-0.52	-0.68	0.24	0.24	0.39	3050000	2150000
41.381953670	-4.640749577	-0.16	-0.54	-0.76	0.25	0.25	0.41	3100000	2150000
41.467407350	-4.052773140	-0.17	-0.56	-1.01	0.27	0.27	0.44	3150000	2150000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
41.549393780	-3.463391609	-0.21	-0.53	-1.04	0.27	0.27	0.45	3200000	2150000
41.627899990	-2.872655615	-0.29	-0.46	-1.04	0.27	0.27	0.44	3250000	2150000
41.702913480	-2.280616938	-0.41	-0.39	-1.02	0.27	0.27	0.44	3300000	2150000
41.774422220	-1.687328468	-0.48	-0.32	-1.09	0.24	0.24	0.40	3350000	2150000
41.842414650	-1.092844174	-0.39	-0.20	-1.06	0.25	0.25	0.42	3400000	2150000
41.906879730	-0.497219059	-0.29	-0.11	-0.89	0.26	0.26	0.43	3450000	2150000
41.967806900	0.099490874	-0.29	-0.17	-0.73	0.23	0.24	0.40	3500000	2150000
42.025186130	0.697228667	-0.34	-0.32	-0.67	0.25	0.25	0.42	3550000	2150000
42.079007930	1.295936452	-0.32	-0.34	-0.66	0.27	0.27	0.46	3600000	2150000
42.129263330	1.895555498	-0.19	-0.17	-0.64	0.25	0.26	0.43	3650000	2150000
42.175943940	2.496026254	-0.04	0.04	-0.56	0.19	0.19	0.33	3700000	2150000
42.219041900	3.097288403	-0.22	-0.07	-0.67	0.23	0.23	0.39	3750000	2150000
42.258549960	3.699280909	-0.22	-0.14	-0.89	0.34	0.34	0.58	3800000	2150000
42.434101500	7.928425689	0.03	-0.32	-1.27	0.37	0.37	0.64	4150000	2150000
42.444699490	8.533995565	0.12	-0.43	-1.34	0.24	0.24	0.42	4200000	2150000
42.451669010	9.139723229	0.09	-0.38	-1.21	0.23	0.23	0.39	4250000	2150000
42.455008840	9.745543536	0.04	-0.52	-1.21	0.27	0.27	0.45	4300000	2150000
42.454718410	10.351391250	0.12	-0.90	-1.14	0.31	0.31	0.52	4350000	2150000
42.450797780	10.957201120	0.35	-1.39	-0.70	0.24	0.24	0.41	4400000	2150000
42.443247610	11.562907910	0.52	-1.63	-0.33	0.24	0.25	0.42	4450000	2150000
42.432069210	12.168446500	0.52	-1.73	-0.41	0.25	0.26	0.43	4500000	2150000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
42.417264520	12.773751930	0.94	-1.48	-0.54	0.23	0.24	0.41	4550000	2150000
42.398836080	13.378759430	2.27	-0.41	-0.40	0.16	0.18	0.32	4600000	2150000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northиng
40.8864329	27.650549810	-2.31	-0.75	-0.83	0.26	0.26	0.44	5800000	2150000
40.7799320	28.228827290	-4.81	-18.50	-0.92	0.35	0.34	0.52	5850000	2150000
40.6700686	28.805373280	-3.36	-18.22	-0.95	0.27	0.26	0.42	5900000	2150000
40.5568588	29.380147540	-2.43	-19.47	-1.06	0.15	0.13	0.39	5950000	2150000
40.4403192	29.953111190	-3.32	-21.64	-1.06	0.33	0.32	0.50	6000000	2150000
40.3204664	30.524226730	-3.25	-22.28	-0.62	0.36	0.35	0.56	6050000	2150000
40.1973174	31.093458050	-2.85	-22.52	0.14	0.29	0.28	0.49	6100000	2150000
40.0708896	31.660770450	-2.81	-22.56	0.18	0.29	0.29	0.48	6150000	2150000
39.9412005	32.226130630	-2.44	-22.16	-0.67	0.33	0.33	0.55	6200000	2150000
39.8082678	32.789506710	-1.60	-22.25	-1.38	0.19	0.19	0.36	6250000	2150000
39.6721096	33.350868200	0.29	-20.95	-1.13	0.31	0.31	0.52	6300000	2150000
39.5327441	33.910186070	1.61	-20.02	-0.94	0.32	0.33	0.55	6350000	2150000
39.3901897	34.467432670	2.83	-19.41	-0.97	0.32	0.32	0.54	6400000	2150000
39.2444649	35.022581790	4.18	-18.82	-1.19	0.33	0.32	0.57	6450000	2150000
39.0955885	35.575608620	5.17	-18.24	-1.22	0.32	0.31	0.56	6500000	2150000
38.9435793	36.126489770	5.99	-17.62	-1.05	0.33	0.33	0.57	6550000	2150000
38.7884564	36.675203240	6.95	-16.65	-1.03	0.35	0.36	0.62	6600000	2150000
38.6302387	37.221728440	8.00	-15.92	-1.22	0.28	0.29	0.56	6650000	2150000
38.4689456	37.766046140	9.06	-15.09	-1.26	0.32	0.34	0.59	6700000	2150000
38.3045962	38.308138500	10.10	-14.59	-1.18	0.27	0.31	0.59	6750000	2150000
38.1372100	38.847989050	10.97	-14.49	-0.78	0.34	0.35	0.64	6800000	2150000
37.9668063	39.385582650	13.09	-7.81	0.02	0.32	0.31	0.58	6850000	2150000
37.7934044	39.920905500	13.87	-7.57	0.59	0.31	0.31	0.57	6900000	2150000
37.6170240	40.453945140	14.01	-7.04	0.95	0.32	0.32	0.58	6950000	2150000

#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
37.437684460	40.984690390	14.05	-6.49	1.13	0.29	0.28	0.55	7000000	2150000
37.255405140	41.513131360	14.39	-6.07	0.88	0.32	0.32	0.62	7050000	2150000
37.070205530	42.039259430	14.78	-5.64	0.39	0.42	0.41	0.75	7100000	2150000
36.882105030	42.563067250	15.21	-5.30	0.07	0.45	0.43	0.80	7150000	2150000
36.691122990	43.084548670	15.60	-5.06	-0.12	0.47	0.44	0.82	7200000	2150000
40.023997150	-9.722641248	-0.09	-0.56	-1.07	0.39	0.40	0.71	2650000	2100000
40.139083840	-9.152928923	-0.03	-0.73	-1.17	0.33	0.34	0.59	2700000	2100000
40.250860140	-8.581463080	0.06	-0.93	-1.25	0.23	0.23	0.41	2750000	2100000
40.359310140	-8.008281944	0.19	-0.90	-0.99	0.26	0.26	0.45	2800000	2100000
40.464418240	-7.433425051	0.28	-0.76	-0.75	0.25	0.25	0.44	2850000	2100000
40.566169170	-6.856933230	0.21	-0.65	-0.93	0.22	0.22	0.38	2900000	2100000
40.664548010	-6.278848587	0.07	-0.62	-1.14	0.27	0.27	0.45	2950000	2100000
40.759540190	-5.699214484	-0.06	-0.57	-1.03	0.26	0.26	0.43	3000000	2100000
40.851131500	-5.118075520	-0.13	-0.56	-0.60	0.24	0.24	0.39	3050000	2100000
40.939308160	-4.535477505	-0.16	-0.64	-0.38	0.27	0.27	0.44	3100000	2100000
41.024056740	-3.951467437	-0.23	-0.69	-0.46	0.26	0.26	0.42	3150000	2100000
41.105364260	-3.366093471	-0.33	-0.66	-0.73	0.24	0.24	0.39	3200000	2100000
41.183218150	-2.779404893	-0.38	-0.57	-0.98	0.31	0.31	0.51	3250000	2100000
41.257606300	-2.1914	-0.46	-0.49	-1.20	0.25	0.25	0.42	3300000	2100000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
	52087								
41.3285170 50	-1.6022 86500	-0.50	-0.49	-1.38	0.23	0.23	0.39	335000 0	210000 0
41.3959392 00	-1.0119 60611	-0.40	-0.42	-1.26	0.25	0.25	0.41	340000 0	210000 0
41.4598620 40	-0.4205 27889	-0.28	-0.34	-0.98	0.25	0.25	0.41	345000 0	210000 0
41.5202753 50	0.1719 57241	-0.23	-0.40	-0.82	0.23	0.24	0.39	350000 0	210000 0
41.5771694 20	0.7654 39444	-0.26	-0.52	-0.79	0.24	0.24	0.40	355000 0	210000 0
41.6305350 40	1.3598 62512	-0.26	-0.54	-0.79	0.22	0.23	0.39	360000 0	210000 0
41.6803635 50	1.9551 69414	-0.18	-0.35	-0.79	0.24	0.25	0.42	365000 0	210000 0
41.7266467 90	2.5513 02336	-0.19	-0.14	-0.84	0.25	0.26	0.42	370000 0	210000 0
41.7693771 80	3.1482 02731	-0.26	-0.10	-0.86	0.29	0.29	0.49	375000 0	210000 0
41.8085476 80	3.7458 11369	-0.19	-0.12	-0.90	0.38	0.38	0.66	380000 0	210000 0
41.9825923 10	7.9438 07024	0.04	-0.31	-1.34	0.37	0.37	0.65	415000 0	210000 0
41.9930989 60	8.5448 84131	0.09	-0.40	-1.56	0.26	0.27	0.46	420000 0	210000 0
42.00000083 90	9.1461 14202	-0.04	-0.39	-1.67	0.21	0.22	0.37	425000 0	210000 0
42.0033194 20	9.7474 34080	-0.09	-0.50	-1.46	0.30	0.30	0.51	430000 0	210000 0
42.0030315 00	10.348 780530	0.02	-0.75	-1.16	0.36	0.36	0.62	435000 0	210000 0
41.9991446 70	10.950 090290	0.10	-1.06	-0.84	0.35	0.35	0.60	440000 0	210000 0
41.9916595 90	11.551 300120	0.04	-1.30	-0.60	0.28	0.29	0.50	445000 0	210000 0
41.9805775 30	12.152 346910	-0.11	-1.40	-0.50	0.23	0.24	0.41	450000 0	210000 0
41.9659003 50	12.753 167640	0.28	-1.33	-0.25	0.22	0.23	0.39	455000 0	210000 0
41.9476305 20	13.353 699560	1.41	-0.85	-0.04	0.25	0.25	0.43	460000 0	210000 0
41.9257711 10	13.953 880130	2.51	0.21	-0.05	0.24	0.25	0.42	465000 0	210000 0
41.9003257 90	14.553 647180	3.18	1.05	-0.19	0.23	0.24	0.41	470000 0	210000 0
41.8712988	15.152	3.53	1.09	-0.26	0.25	0.26	0.45	475000	210000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
20	938870							0	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 00	16.349 851150	3.34	0.80	-0.65	0.32	0.32	0.55	485000 0	210000 0
41.6222340 20	18.735 306060	1.84	-0.13	-1.04	0.37	0.38	0.67	505000 0	210000 0
41.5683032 50	19.329 582410	1.21	-0.61	-0.89	0.29	0.31	0.58	510000 0	210000 0
41.5108454 70	19.922 908830	-0.22	-0.75	-0.53	0.25	0.27	0.52	515000 0	210000 0
41.4498699 70	20.515 229270	-2.15	0.18	-0.28	0.22	0.24	0.48	520000 0	210000 0
41.3853865 40	21.106 488530	-2.98	1.48	-0.42	0.26	0.27	0.50	525000 0	210000 0
41.3174054 80	21.696 632340	-3.47	1.79	-0.60	0.25	0.26	0.50	530000 0	210000 0
41.2459375 80	22.285 607380	-4.46	1.02	-0.79	0.28	0.27	0.47	535000 0	210000 0
41.1709941 10	22.873 361340	-5.50	0.85	-0.94	0.26	0.22	0.39	540000 0	210000 0
41.0925868 10	23.459 842940	-5.68	1.13	-0.74	0.25	0.24	0.46	545000 0	210000 0
41.0107278 70	24.045 001970	-4.97	0.51	-0.54	0.29	0.29	0.52	550000 0	210000 0
40.9254299 20	24.628 789310	-3.99	-0.09	-0.61	0.22	0.22	0.42	555000 0	210000 0
40.8367060 10	25.211 157010	-3.02	-0.21	-0.90	0.28	0.28	0.49	560000 0	210000 0
40.7445696 10	25.792 058240	-1.77	-0.39	-1.02	0.25	0.25	0.49	565000 0	210000 0
40.6490346 10	26.371 447390	-1.82	-1.31	-0.82	0.31	0.31	0.46	570000 0	210000 0
40.5501152 40	26.949 280070	-7.55	-15.68	-0.75	0.32	0.30	0.49	575000 0	210000 0
40.4478261 50	27.525 513100	-6.62	-17.95	-0.94	0.26	0.24	0.42	580000 0	210000 0
40.3421823 10	28.100 104580	-5.09	-19.67	-1.18	0.27	0.25	0.44	585000 0	210000 0
40.2331990 50	28.673 013890	-4.13	-20.37	-1.40	0.28	0.26	0.44	590000 0	210000 0
40.1208920 10	29.244 201710	-4.10	-21.98	-1.53	0.25	0.24	0.42	595000 0	210000 0
40.0052771 50	29.813 630010	-4.19	-22.71	-1.11	0.28	0.27	0.48	600000 0	210000 0
39.8863707 30	30.381 262110	-3.75	-22.82	-0.53	0.28	0.27	0.48	605000 0	210000 0
39.7641892	30.947	-3.39	-22.72	-0.03	0.32	0.32	0.54	610000	210000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
39.702476810	-9.020076580	0.01	-0.82	-1.08	0.27	0.27	0.48	2700000	2050000
39.813370920	-8.452147499	0.22	-0.92	-1.08	0.26	0.26	0.45	2750000	2050000
39.920961050	-7.882551570	0.25	-0.90	-0.88	0.27	0.27	0.46	2800000	2050000
40.025232050	-7.311327424	0.29	-0.85	-0.61	0.26	0.26	0.45	2850000	2050000
40.126169110	-6.738514929	0.31	-0.88	-0.71	0.27	0.27	0.45	2900000	2050000
40.223757740	-6.164155183	0.15	-0.85	-1.02	0.30	0.30	0.49	2950000	2050000
40.317983810	-5.588290487	-0.05	-0.79	-1.15	0.28	0.28	0.46	3000000	2050000
40.408833540	-5.010964328	-0.13	-0.74	-0.79	0.27	0.27	0.44	3050000	2050000
40.496293550	-4.432221356	-0.17	-0.75	-0.25	0.20	0.20	0.34	3100000	2050000
40.580350840	-3.852107357	-0.28	-0.78	-0.21	0.23	0.23	0.38	3150000	2050000
40.660992790	-3.270669228	-0.35	-0.81	-0.57	0.21	0.21	0.35	3200000	2050000
40.738207250	-2.687954948	-0.41	-0.75	-0.92	0.31	0.31	0.52	3250000	2050000
40.811982450	-2.104013546	-0.43	-0.69	-1.17	0.33	0.33	0.54	3300000	2050000
40.882307100	-1.518895073	-0.39	-0.69	-1.29	0.28	0.28	0.46	3350000	2050000
40.949170350	-0.932650563	-0.33	-0.62	-1.13	0.25	0.25	0.41	3400000	2050000
41.012561810	-0.345332000	-0.29	-0.47	-0.86	0.26	0.26	0.43	3450000	2050000
41.072471590	0.243007719	-0.27	-0.41	-0.73	0.25	0.25	0.42	3500000	2050000
41.1288902	0.8323	-0.23	-0.45	-0.72	0.28	0.28	0.47	3550000	2050000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east ing	north ing
70	14827							0	0
41.181808930	1.422534722	-0.22	-0.44	-0.67	0.25	0.25	0.43	3600000	2050000
41.231219180	2.013612014	-0.20	-0.39	-0.70	0.22	0.22	0.37	3650000	2050000
41.277113130	2.605490566	-0.18	-0.24	-0.84	0.32	0.32	0.54	3700000	2050000
41.319483430	3.198113542	-0.16	-0.15	-0.88	0.38	0.38	0.65	3750000	2050000
41.530891870	7.958882902	0.03	-0.29	-1.29	0.38	0.38	0.68	4150000	2050000
41.541309060	8.555556382	0.08	-0.32	-1.41	0.29	0.29	0.51	4200000	2050000
41.548159640	9.152378178	0.03	-0.33	-1.55	0.22	0.22	0.38	4250000	2050000
41.551442460	9.749287054	-0.07	-0.44	-1.47	0.33	0.34	0.57	4300000	2050000
41.539881950	11.539922930	-0.02	-0.88	-0.87	0.37	0.37	0.64	4450000	2050000
41.528894240	12.136567010	0.05	-0.94	-0.88	0.30	0.31	0.53	4500000	2050000
41.514341940	12.732991900	0.64	-0.88	-0.81	0.19	0.20	0.36	4550000	2050000
41.496227460	13.329136730	1.30	-0.94	-0.28	0.24	0.25	0.42	4600000	2050000
41.474553760	13.924940880	1.86	-0.78	-0.27	0.22	0.23	0.39	4650000	2050000
41.449324400	14.520344020	2.45	0.07	-0.17	0.21	0.22	0.39	4700000	2050000
41.420543500	15.115286200	3.36	0.74	0.08	0.21	0.22	0.39	4750000	2050000
41.388215740	15.709707850	3.90	0.89	-0.09	0.26	0.27	0.45	4800000	2050000
41.352346390	16.303549910	4.02	1.00	-0.23	0.25	0.26	0.44	4850000	2050000
41.312941260	16.896753800	3.51	0.79	-0.39	0.29	0.30	0.51	4900000	2050000
41.270006710	17.489261510	2.98	0.55	-0.65	0.35	0.35	0.61	4950000	2050000
41.223549640	18.081015660	2.64	0.35	-0.89	0.37	0.38	0.66	5000000	2050000
41.120098260	19.262037080	1.84	-0.47	-1.13	0.30	0.32	0.60	5100000	2050000
41.063120390	19.851193050	0.57	-0.78	-0.87	0.23	0.26	0.53	5150000	2050000
41.002652900	20.439372980	-1.67	-0.31	-0.46	0.25	0.27	0.54	5200000	2050000
40.9387052	21.026	-3.26	0.85	-0.42	0.26	0.29	0.58	5250000	2050000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
70	523220							0	0
40.8712874	21.612591040	-4.47	1.33	-0.60	0.26	0.29	0.60	5300000	2050000
40.8004100	22.197524580	-5.89	1.14	-0.96	0.29	0.30	0.58	5350000	2050000
40.7260837	22.781272980	-7.00	1.12	-1.12	0.28	0.28	0.55	5400000	2050000
40.6483201	23.363786350	-7.00	0.99	-0.82	0.30	0.30	0.58	5450000	2050000
40.5671308	23.945015810	-6.46	0.74	-0.56	0.24	0.25	0.55	5500000	2050000
40.4825282	24.524913570	-4.50	0.08	-0.58	0.32	0.32	0.55	5550000	2050000
40.3945250	25.103432900	-3.02	-0.19	-0.73	0.37	0.36	0.56	5600000	2050000
40.3031341	25.680528190	-12.85	-17.38	-0.75	0.38	0.36	0.56	5650000	2050000
40.2083691	26.256154990	-9.82	-17.55	-0.58	0.28	0.25	0.43	5700000	2050000
40.1102438	26.830269990	-8.94	-18.19	-0.54	0.30	0.28	0.46	5750000	2050000
40.0087723	27.402831080	-8.56	-19.60	-0.67	0.25	0.22	0.40	5800000	2050000
39.9039692	27.973797350	-6.38	-21.07	-0.81	0.28	0.27	0.45	5850000	2050000
39.7958494	28.543129150	-5.60	-21.88	-0.96	0.33	0.32	0.54	5900000	2050000
39.6844281	29.110788030	-4.90	-22.57	-1.05	0.26	0.28	0.47	5950000	2050000
39.5697208	29.676736840	-4.90	-22.39	-0.80	0.29	0.29	0.49	6000000	2050000
39.4517431	30.240939680	-4.40	-22.29	-0.51	0.30	0.29	0.51	6050000	2050000
39.3305113	30.803361930	-3.88	-22.25	-0.41	0.33	0.33	0.56	6100000	2050000
39.2060416	31.363970290	-3.55	-22.19	-0.70	0.29	0.29	0.52	6150000	2050000
39.0783506	31.922732750	-2.90	-21.37	-1.25	0.31	0.30	0.52	6200000	2050000
38.9474550	32.479618600	-1.45	-20.31	-1.33	0.33	0.33	0.56	6250000	2050000
38.8133719	33.034598450	0.15	-19.55	-1.15	0.29	0.28	0.51	6300000	2050000
38.6761185	33.587644250	1.46	-18.41	-1.00	0.36	0.36	0.61	6350000	2050000
38.5357122	34.138729230	2.81	-17.59	-0.86	0.35	0.35	0.60	6400000	2050000
38.3921704	34.687	4.13	-16.87	-0.78	0.29	0.29	0.52	6450000	2050000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
70	827950							0	0
38.245511060	35.234916300	4.96	-15.76	-0.94	0.33	0.34	0.58	6500000	2050000
38.095751830	35.779971480	5.75	-14.84	-1.13	0.32	0.33	0.59	6550000	2050000
37.942910750	36.322971980	6.70	-14.14	-1.21	0.32	0.33	0.58	6600000	2050000
37.787005920	36.863897620	7.79	-13.66	-1.27	0.33	0.33	0.56	6650000	2050000
37.628055520	37.402729480	8.88	-13.49	-1.43	0.33	0.34	0.58	6700000	2050000
37.466077830	37.939449960	12.25	-7.54	-1.41	0.40	0.34	0.62	6750000	2050000
37.301091170	38.474042720	12.83	-7.73	-0.93	0.37	0.34	0.61	6800000	2050000
37.133113940	39.006492690	13.38	-7.65	-0.14	0.32	0.32	0.57	6850000	2050000
36.962164580	39.536786060	13.77	-6.96	0.70	0.34	0.33	0.58	6900000	2050000
36.788261560	40.064910260	13.89	-6.39	0.86	0.38	0.38	0.66	6950000	2050000
36.611423350	40.590853930	13.99	-5.92	0.71	0.41	0.42	0.74	7000000	2050000
36.431668430	41.114606960	14.25	-5.55	0.46	0.43	0.44	0.79	7050000	2050000
39.035533660	-10.013578880	-0.22	-0.76	-1.07	0.38	0.38	0.68	2600000	2000000
39.152080830	-9.452478157	-0.30	-0.99	-1.07	0.29	0.30	0.52	2650000	2000000
39.265376270	-8.889685615	-0.02	-0.99	-1.00	0.25	0.26	0.44	2700000	2000000
39.375404720	-8.325236561	0.32	-0.94	-1.00	0.22	0.22	0.41	2750000	2000000
39.482151170	-7.759167525	0.19	-0.92	-0.92	0.27	0.28	0.48	2800000	2000000
39.585600920	-7.191516246	0.18	-0.99	-0.70	0.27	0.27	0.47	2850000	2000000
39.685739580	-6.622321658	0.32	-1.11	-0.69	0.28	0.28	0.47	2900000	2000000
39.782553110	-6.051623869	0.19	-1.15	-0.94	0.28	0.28	0.45	2950000	2000000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
41.0625823	12.713	0.56	-0.61	-0.80	0.29	0.31	0.54	4550000	2000000
30	213660								
41.0446200	13.305	1.08	-0.68	-0.49	0.25	0.27	0.46	4600000	2000000
20	057540								
41.0231282	13.896	1.47	-1.06	-0.65	0.26	0.27	0.45	4650000	2000000
40	571000								
40.9981104	14.487	1.68	-1.16	-0.80	0.23	0.23	0.41	4700000	2000000
30	695520								
40.9695705	15.078	2.38	-0.45	-0.33	0.21	0.22	0.39	4750000	2000000
80	372930								
40.9375132	15.668	3.47	0.45	-0.12	0.22	0.22	0.38	4800000	2000000
40	545460								
40.9019434	16.258	4.09	0.92	-0.15	0.22	0.22	0.37	4850000	2000000
90	155760								
40.8628669	16.847	3.84	0.77	-0.18	0.23	0.24	0.40	4900000	2000000
60	147010								
40.8202898	17.435	3.44	0.58	-0.40	0.24	0.25	0.45	4950000	2000000
20	462900								
40.7742187	18.023	3.30	0.63	-0.78	0.29	0.29	0.53	5000000	2000000
60	047710								
40.7246609	18.609	2.83	0.29	-0.98	0.34	0.35	0.62	5050000	2000000
80	846360								
40.6716242	19.195	2.11	-0.24	-1.08	0.32	0.33	0.61	5100000	2000000
00	804450								
40.6151166	19.780	0.80	-0.81	-0.92	0.25	0.27	0.54	5150000	2000000
50	868280								
40.5551470	20.364	-1.35	-0.84	-0.60	0.28	0.30	0.58	5200000	2000000
30	984950								
40.4917245	20.948	-3.29	-0.13	-0.42	0.29	0.32	0.62	5250000	2000000
50	102320								
40.4248588	21.530	-5.13	0.36	-0.48	0.24	0.29	0.61	5300000	2000000
80	169120								
40.3545601	22.111	-7.13	0.33	-0.88	0.26	0.29	0.61	5350000	2000000
60	134940								
40.2808389	22.690	-8.49	0.33	-1.02	0.26	0.28	0.61	5400000	2000000
70	950290								
40.2037063	23.269	-8.02	0.28	-0.76	0.34	0.33	0.64	5450000	2000000
40	566640								
40.1231737	23.846	-6.99	0.08	-0.48	0.33	0.29	0.55	5500000	2000000
20	936430								
40.0392530	24.423	-4.86	-0.11	-0.48	0.38	0.36	0.57	5550000	2000000
10	013120								
39.9519564	24.997	-16.73	-17.14	-0.61	0.30	0.26	0.44	5600000	2000000
60	751190								
39.8612967	25.571	-14.83	-17.73	-0.58	0.34	0.31	0.52	5650000	2000000
60	106210								
39.7672869	26.143	-12.31	-19.03	-0.45	0.35	0.33	0.56	5700000	2000000
70	034840								



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
36.3725652	39.875317330	13.59	-6.00	0.35	0.43	0.43	0.76	6950000	2000000
36.1969474	40.398894590	13.82	-5.59	0.32	0.43	0.45	0.80	7000000	2000000
38.5997023	-9.878880312	-0.20	-0.95	-1.17	0.36	0.36	0.64	2600000	1950000
38.7153579	-9.321110785	-0.34	-1.42	-1.23	0.17	0.17	0.34	2650000	1950000
38.8277826	-8.761696386	-0.03	-1.26	-1.10	0.22	0.23	0.41	2700000	1950000
38.9369615	-8.200671647	0.22	-1.01	-1.19	0.26	0.26	0.46	2750000	1950000
39.0428801	-7.638072273	0.19	-0.99	-1.24	0.26	0.26	0.46	2800000	1950000
39.1455241	-7.073935135	0.22	-1.13	-0.97	0.26	0.27	0.47	2850000	1950000
39.2448794	-6.508298246	0.34	-1.22	-0.76	0.28	0.28	0.47	2900000	1950000
39.3409326	-5.941200751	0.20	-1.25	-0.81	0.25	0.26	0.42	2950000	1950000
39.4336702	-5.372682909	-0.03	-1.16	-0.90	0.29	0.29	0.48	3000000	1950000
39.5230794	-4.802786065	-0.15	-1.03	-0.79	0.32	0.32	0.53	3050000	1950000
39.6091474	-4.231552638	-0.23	-0.87	-0.58	0.28	0.29	0.47	3100000	1950000
39.6918621	-3.659026091	-0.39	-0.86	-0.55	0.27	0.28	0.46	3150000	1950000
39.7712116	-3.085250907	-0.58	-0.95	-0.71	0.30	0.30	0.50	3200000	1950000
39.8471845	-2.510272563	-0.63	-1.01	-0.92	0.30	0.31	0.52	3250000	1950000
39.9197697	-1.934137503	-0.59	-0.95	-1.08	0.27	0.28	0.48	3300000	1950000
39.9889566	-1.3568	-0.43	-0.66	-1.14	0.27	0.27	0.44	3350000	1950000



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



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
38.08423520	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
37.816937400	33.276559700	1.11	-15.85	-0.90	0.39	0.38	0.68	6350000	1950000
37.678603680	33.821650310	2.48	-15.05	-0.82	0.37	0.35	0.64	6400000	1950000
37.537168840	34.364859350	3.66	-14.39	-0.73	0.30	0.28	0.54	6450000	1950000
37.392649630	34.906163420	4.35	-13.76	-0.70	0.28	0.28	0.55	6500000	1950000
37.245062950	35.445540330	5.43	-13.10	-0.96	0.36	0.36	0.62	6550000	1950000
37.094425830	35.982969130	6.57	-12.45	-1.16	0.28	0.29	0.48	6600000	1950000
36.940755410	36.518430070	7.66	-12.29	-1.28	0.30	0.30	0.50	6650000	1950000
36.784068900	37.051904620	11.95	-7.29	-1.36	0.41	0.32	0.53	6700000	1950000
36.624383640	37.583375450	12.12	-7.00	-1.24	0.44	0.38	0.65	6750000	1950000
36.461717020	38.112826450	12.37	-6.68	-0.88	0.46	0.43	0.74	6800000	1950000
36.296086490	38.640242660	12.69	-6.35	-0.50	0.45	0.44	0.78	6850000	1950000
36.127509540	39.165610340	13.01	-5.96	-0.18	0.45	0.45	0.80	6900000	1950000
35.956003700	39.688916900	13.31	-5.57	-0.02	0.45	0.46	0.82	6950000	1950000
38.163345700	-9.746630798	-0.06	-0.97	-1.28	0.38	0.38	0.68	2600000	1900000
38.278126140	-9.192140714	-0.08	-1.32	-1.41	0.31	0.31	0.54	2650000	1900000
38.389696130	-8.636051221	0.02	-1.32	-1.35	0.26	0.26	0.46	2700000	1900000
38.498041260	-8.078396088	0.20	-1.10	-1.29	0.24	0.24	0.42	2750000	1900000
38.603147380	-7.519210212	0.29	-1.15	-1.30	0.26	0.27	0.46	2800000	1900000
38.705000640	-6.958529609	0.34	-1.29	-1.09	0.26	0.26	0.46	2850000	1900000
38.803587470	-6.3963	0.34	-1.24	-0.77	0.25	0.25	0.43	2900000	1900000



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



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



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
37.840385570	-9.065511245	0.23	-1.34	-1.57	0.31	0.32	0.56	2650000	1850000
37.951116560	-8.512694347	0.25	-1.46	-1.49	0.23	0.24	0.42	2700000	1850000
38.058643290	-7.958355092	0.23	-1.29	-0.96	0.21	0.21	0.37	2750000	1850000
38.162952020	-7.402527588	0.35	-1.41	-0.98	0.26	0.26	0.44	2800000	1850000
38.264029320	-6.845247014	0.33	-1.51	-0.93	0.23	0.23	0.38	2850000	1850000
38.361862000	-6.286549609	0.19	-1.34	-0.72	0.24	0.24	0.40	2900000	1850000
38.456437210	-5.726472656	0.05	-1.23	-0.59	0.28	0.28	0.46	2950000	1850000
38.547742420	-5.165054464	0.02	-1.31	-0.61	0.29	0.29	0.47	3000000	1850000
38.635765400	-4.602334347	0.10	-1.39	-0.75	0.28	0.28	0.47	3050000	1850000
38.720494290	-4.038352607	0.12	-1.40	-0.88	0.25	0.27	0.44	3100000	1850000
38.801917580	-3.473150507	-0.25	-1.26	-0.96	0.29	0.33	0.53	3150000	1850000
38.880024110	-2.906770250	-0.49	-1.14	-0.93	0.32	0.35	0.57	3200000	1850000
38.954803100	-2.339254953	-0.54	-0.98	-0.86	0.36	0.37	0.61	3250000	1850000
39.026244160	-1.770648621	-0.49	-0.86	-0.83	0.35	0.35	0.58	3300000	1850000
39.094337300	-1.200996116	-0.43	-0.83	-0.80	0.26	0.26	0.43	3350000	1850000
39.159072930	-0.630343133	-0.17	-0.77	-0.83	0.28	0.28	0.46	3400000	1850000
39.220441890	-0.058736164	-0.06	-0.68	-0.91	0.29	0.29	0.47	3450000	1850000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
39.278435420	0.513777533	-0.11	-0.61	-1.05	0.34	0.34	0.57	3500000	1850000
39.333045210	1.087149967	-0.14	-0.55	-1.25	0.34	0.34	0.57	3550000	1850000
39.384263410	1.661332448	-0.10	-0.40	-1.36	0.35	0.35	0.58	3600000	1850000
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

#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east in g	north in g
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
38.789112460	23.563663120	-25.36	-16.70	-0.05	0.30	0.57	0.53	5500000	1850000
38.707159510	24.128672780	-24.44	-14.97	-0.08	0.29	0.55	0.47	5550000	1850000
38.621902780	24.692455410	-25.10	-15.79	-0.27	0.34	0.56	0.52	5600000	1850000
38.533353840	25.254969900	-25.54	-17.73	-0.47	0.41	0.59	0.64	5650000	1850000
38.441524600	25.816176110	-24.46	-19.17	-0.59	0.40	0.55	0.63	5700000	1850000
38.346427340	26.376034880	-23.13	-20.09	-0.74	0.35	0.49	0.55	5750000	1850000
38.248074650	26.934508070	-23.82	-21.02	-0.65	0.49	0.54	0.62	5800000	1850000
38.146479430	27.491558560	-22.88	-21.95	-0.70	0.54	0.54	0.64	5850000	1850000
38.041654900	28.047150280	-22.08	-22.62	-0.75	0.58	0.51	0.63	5900000	1850000
37.933614560	28.601248220	-5.21	-17.59	-0.70	0.39	0.37	0.66	5950000	1850000
37.822372190	29.153818450	-5.91	-17.84	-0.77	0.39	0.38	0.66	6000000	1850000
37.707941840	29.704828130	-6.62	-18.29	-0.95	0.37	0.35	0.62	6050000	1850000
37.590337800	30.254245510	-6.87	-18.03	-1.12	0.33	0.32	0.56	6100000	1850000
37.469574610	30.802039970	-6.13	-16.86	-1.13	0.29	0.31	0.51	6150000	1850000
37.345667040	31.348182000	-4.42	-15.73	-1.13	0.35	0.35	0.60	6200000	1850000
37.218630080	31.892643210	-2.60	-14.77	-1.14	0.37	0.35	0.62	6250000	1850000
37.088478910	32.435396370	-0.82	-13.81	-1.16	0.38	0.37	0.66	6300000	1850000
36.955228890	32.976415360	0.64	-13.08	-1.15	0.39	0.37	0.66	6350000	1850000
36.818895580	33.515675210	1.81	-12.59	-1.12	0.37	0.36	0.63	6400000	1850000
36.679494680	34.053152110	2.89	-12.43	-1.17	0.27	0.27	0.50	6450000	1850000
36.537042050	34.588823370	3.93	-12.12	-1.14	0.30	0.29	0.55	6500000	1850000
36.391553700	35.122667460	4.80	-11.53	-0.97	0.38	0.38	0.68	6550000	1850000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
36.243045750	35.654663990	9.83	-6.60	-0.85	0.54	0.39	0.69	6600000	1850000
36.091534420	36.184793700	10.13	-6.60	-0.75	0.46	0.34	0.64	6650000	1850000
35.937036050	36.713038480	10.86	-6.24	-0.81	0.50	0.43	0.73	6700000	1850000
35.779567060	37.239381330	11.39	-5.91	-0.79	0.50	0.46	0.79	6750000	1850000
37.289058620	-9.489250521	0.22	-1.02	-1.24	0.39	0.39	0.69	2600000	1800000
37.402136260	-8.941167519	0.40	-1.50	-1.41	0.30	0.30	0.52	2650000	1800000
37.512043570	-8.391571808	0.41	-1.79	-1.30	0.25	0.26	0.43	2700000	1800000
37.618766930	-7.840495668	0.35	-1.72	-0.80	0.25	0.25	0.43	2750000	1800000
37.722293000	-7.287972427	0.43	-1.68	-0.73	0.29	0.29	0.49	2800000	1800000
37.822608710	-6.734036448	0.36	-1.69	-0.73	0.27	0.27	0.45	2850000	1800000
37.919701290	-6.178723109	0.15	-1.51	-0.63	0.27	0.27	0.44	2900000	1800000
38.013558240	-5.622068797	-0.06	-1.36	-0.57	0.26	0.26	0.44	2950000	1800000
38.104167390	-5.064110880	-0.06	-1.35	-0.58	0.28	0.28	0.46	3000000	1800000
38.191516880	-4.504887694	0.02	-1.33	-0.72	0.27	0.27	0.45	3050000	1800000
38.275595210	-3.944438524	0.04	-1.31	-0.86	0.28	0.29	0.47	3100000	1800000
38.356391180	-3.382803578	-0.31	-1.41	-0.94	0.30	0.31	0.50	3150000	1800000
38.433893980	-2.820023964	-0.52	-1.32	-0.90	0.31	0.32	0.52	3200000	1800000
38.508093160	-2.256141671	-0.49	-1.04	-0.76	0.33	0.33	0.54	3250000	1800000
38.5789786	-	-0.31	-0.88	-0.70	0.29	0.29	0.48	3300000	1800000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
30	1.691199535							0	0
38.646540690	-1.125241221	-0.13	-0.83	-0.69	0.26	0.26	0.42	3350000	1800000
38.710770050	-0.558311185	0.05	-0.71	-0.68	0.23	0.23	0.39	3400000	1800000
38.771657810	0.009545348	-0.05	-0.46	-0.83	0.21	0.21	0.37	3450000	1800000
38.829195500	0.578282421	-0.03	-0.42	-1.07	0.33	0.33	0.55	3500000	1800000
38.883375050	1.147853371	-0.03	-0.40	-1.37	0.27	0.27	0.44	3550000	1800000
38.934188850	1.718210871	-0.03	-0.33	-1.47	0.28	0.28	0.45	3600000	1800000
38.981629700	2.289306957	0.01	-0.21	-1.34	0.36	0.36	0.60	3650000	1800000
39.025690870	2.861093066	0.00	-0.15	-1.22	0.32	0.32	0.54	3700000	1800000
39.066366070	3.433520076	0.04	-0.10	-1.11	0.35	0.35	0.59	3750000	1800000
39.269272990	8.029959106	0.14	-0.51	-0.95	0.33	0.36	0.62	4150000	1800000
39.279269380	8.605870350	0.10	-0.64	-0.77	0.18	0.24	0.40	4200000	1800000
39.285843120	9.181909080	-0.08	-0.48	-0.95	0.17	0.17	0.29	4250000	1800000
39.288993260	9.758022656	0.02	-0.29	-1.50	0.25	0.27	0.47	4300000	1800000
39.163371250	14.937731210	2.05	-0.20	-2.27	0.35	0.35	0.61	4750000	1800000
39.132342410	15.511706060	2.36	0.15	-1.97	0.32	0.32	0.56	4800000	1800000
39.097912280	16.085182260	2.88	0.52	-1.25	0.24	0.25	0.46	4850000	1800000
39.060085820	16.658109270	3.07	1.58	-0.53	0.22	0.22	0.42	4900000	1800000
39.018868460	17.230437060	2.58	2.08	-0.39	0.26	0.27	0.52	4950000	1800000
38.820214930	19.512772770	-0.12	-2.08	-0.75	0.41	0.42	0.74	5150000	1800000
38.762140680	20.081372070	-8.91	-7.58	-0.74	0.41	0.38	0.64	5200000	1800000
38.700717680	20.649083440	-13.18	-7.19	-0.72	0.23	0.21	0.44	5250000	1800000
38.635954480	21.215861020	-7.17	-10.85	-1.00	0.21	0.22	0.43	5300000	1800000
38.5678600	21.781	-15.76	-11.22	-1.14	0.28	0.30	0.45	5350000	1800000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40	659710							0	0
38.4964437	22.346	-15.64	-11.60	-0.75	0.25	0.27	0.46	540000	180000
20	435180							0	0
38.4217152	22.910	-18.04	-11.05	-0.23	0.27	0.29	0.49	545000	180000
70	143900							0	0
38.3436848	23.472	-25.21	-15.53	0.07	0.25	0.49	0.44	550000	180000
50	743170							0	0
38.2623629	24.034	-25.08	-15.46	-0.28	0.28	0.50	0.43	555000	180000
60	191130							0	0
38.1777604	24.594	-26.31	-16.58	-0.66	0.32	0.52	0.53	560000	180000
90	446820							0	0
38.0898886	25.153	-26.06	-17.68	-0.63	0.39	0.54	0.62	565000	180000
70	470180							0	0
37.9987590	25.711	-24.89	-18.44	-0.43	0.42	0.52	0.62	570000	180000
60	222070							0	0
37.9043835	26.267	-24.15	-18.98	-0.38	0.42	0.48	0.54	575000	180000
90	664310							0	0
37.8067744	26.822	-23.91	-19.45	-0.53	0.42	0.45	0.53	580000	180000
60	759690							0	0
37.7059442	27.376	-22.49	-20.18	-0.80	0.51	0.47	0.59	585000	180000
30	471990							0	0
37.6019057	27.928	-21.20	-20.41	-1.00	0.56	0.46	0.61	590000	180000
00	765970							0	0
37.4946720	28.479	-21.86	-20.49	-1.03	0.64	0.48	0.64	595000	180000
10	607460							0	0
37.3842565	29.028	-4.20	-14.67	-1.14	0.38	0.37	0.65	600000	180000
30	963280							0	0
37.2706729	29.576	-6.05	-16.02	-1.13	0.33	0.30	0.59	605000	180000
10	801320							0	0
37.1539350	30.123	-6.58	-15.52	-1.24	0.34	0.33	0.59	610000	180000
40	090540							0	0
37.0340570	30.667	-6.38	-14.41	-1.32	0.27	0.28	0.52	615000	180000
60	800940							0	0
36.9110533	31.210	-4.58	-13.67	-1.30	0.36	0.36	0.63	620000	180000
10	903640							0	0
36.7849383	31.752	-2.66	-12.99	-1.28	0.39	0.38	0.67	625000	180000
70	370820							0	0
36.6557269	32.292	-0.92	-12.27	-1.29	0.38	0.35	0.64	630000	180000
80	175750							0	0
36.5234341	32.830	0.47	-11.65	-1.28	0.35	0.32	0.61	635000	180000
10	292830							0	0
36.3880748	33.366	1.57	-11.17	-1.19	0.34	0.34	0.59	640000	180000
70	697510							0	0
36.2496645	33.901	2.61	-10.82	-1.09	0.25	0.25	0.46	645000	180000
30	366400							0	0
36.1082185	34.434	3.72	-10.65	-1.02	0.35	0.36	0.62	650000	180000
40	277180							0	0
35.9637524	34.965	4.61	-10.36	-0.89	0.40	0.40	0.72	655000	180000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
60	408650							0	0
35.816281970	35.494740700	9.81	-5.95	-0.77	0.57	0.44	0.74	6600000	1800000
35.665822890	36.022254350	10.18	-5.84	-0.71	0.54	0.44	0.75	6650000	1800000
35.512391100	36.547931700	10.69	-5.61	-0.70	0.53	0.47	0.78	6700000	1800000
35.356002610	37.071755930	11.16	-5.35	-0.68	0.52	0.49	0.82	6750000	1800000
36.851128600	-9.364010121	0.24	-0.99	-1.07	0.39	0.39	0.70	2600000	1750000
36.963377930	-8.819056445	0.38	-1.55	-1.09	0.27	0.27	0.45	2650000	1750000
37.072476540	-8.272631405	0.34	-1.97	-1.01	0.26	0.26	0.42	2700000	1750000
37.178411210	-7.724766556	0.34	-2.10	-0.84	0.20	0.20	0.33	2750000	1750000
37.281168990	-7.175494466	0.58	-1.98	-0.72	0.25	0.25	0.40	2800000	1750000
37.380737170	-6.624848694	0.56	-1.90	-0.59	0.27	0.27	0.45	2850000	1750000
37.477103360	-6.072863781	0.33	-1.77	-0.42	0.26	0.26	0.44	2900000	1750000
37.570255410	-5.519575233	0.06	-1.64	-0.30	0.29	0.29	0.48	2950000	1750000
37.660181520	-4.965019505	-0.12	-1.48	-0.41	0.28	0.28	0.45	3000000	1750000
37.746870170	-4.409233977	-0.10	-1.31	-0.59	0.26	0.26	0.42	3050000	1750000
37.830310190	-3.852256944	0.00	-1.28	-0.69	0.22	0.22	0.39	3100000	1750000
37.910490720	-3.294127585	-0.34	-1.58	-0.71	0.27	0.27	0.44	3150000	1750000
37.987401260	-2.734885948	-0.46	-1.52	-0.63	0.27	0.27	0.45	3200000	1750000
38.061031660	-2.174572920	-0.32	-1.10	-0.52	0.25	0.25	0.41	3250000	1750000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
38.131372150	-1.613230209	0.06	-0.83	-0.53	0.23	0.23	0.37	3300000	1750000
38.198413320	-1.050900309	0.25	-0.82	-0.66	0.21	0.21	0.34	3350000	1750000
38.262146140	-0.487626482	0.13	-0.66	-0.81	0.23	0.24	0.40	3400000	1750000
38.322562000	0.076547279	0.10	-0.42	-0.90	0.31	0.31	0.53	3450000	1750000
38.379652670	0.641576276	0.10	-0.33	-1.04	0.36	0.36	0.62	3500000	1750000
38.433410330	1.207415136	0.18	-0.28	-1.18	0.33	0.33	0.55	3550000	1750000
38.483827580	1.774017847	0.16	-0.22	-1.25	0.34	0.34	0.58	3600000	1750000
38.816275960	8.043365425	0.15	-0.38	-0.95	0.36	0.38	0.67	4150000	1750000
38.826193160	8.615360329	0.14	-0.43	-0.97	0.30	0.33	0.56	4200000	1750000
38.832714810	9.187478984	0.11	-0.31	-1.09	0.31	0.32	0.55	4250000	1750000
38.835839970	9.759670291	0.21	-0.25	-1.34	0.35	0.35	0.63	4300000	1750000
38.800519960	12.619926340	1.41	-0.61	-1.22	0.36	0.38	0.68	4550000	1750000
38.783273850	13.191480090	1.70	-0.63	-1.37	0.19	0.31	0.58	4600000	1750000
38.762638310	13.762749500	2.23	-0.72	-1.57	0.33	0.35	0.63	4650000	1750000
38.738616280	14.333684150	2.74	-0.74	-2.16	0.30	0.30	0.56	4700000	1750000
38.711211170	14.904233930	3.04	-0.40	-2.76	0.24	0.24	0.45	4750000	1750000
38.680426870	15.474349020	3.02	0.16	-2.18	0.26	0.27	0.49	4800000	1750000
38.646267710	16.043979990	2.98	0.70	-1.18	0.25	0.26	0.48	4850000	1750000
38.608738510	16.613077750	2.94	1.48	-0.58	0.24	0.25	0.48	4900000	1750000
38.567844530	17.181593690	2.18	1.42	-0.49	0.35	0.35	0.63	4950000	1750000
38.313118710	20.013779160	-8.43	-9.94	-0.86	0.43	0.39	0.68	5200000	1750000
38.252171570	20.577811920	-11.96	-9.19	-1.08	0.31	0.29	0.53	5250000	1750000
38.187908820	21.140937660	-16.28	-11.26	-1.34	0.29	0.30	0.48	5300000	1750000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
35.535258580	34.810855020	4.58	-9.08	-0.78	0.41	0.41	0.74	6550000	1750000
35.388807970	35.337556700	9.87	-5.23	-0.70	0.59	0.48	0.77	6600000	1750000
35.239383400	35.862487030	10.24	-5.16	-0.65	0.57	0.48	0.79	6650000	1750000
35.087000350	36.385628350	8.63	-5.67	-0.62	0.62	1.11	0.81	6700000	1750000
36.524110040	-8.699126639	0.27	-1.24	-0.94	0.39	0.39	0.68	2650000	1700000
36.632414600	-8.155822624	0.30	-1.61	-0.89	0.37	0.37	0.63	2700000	1700000
36.737574930	-7.611118166	0.36	-1.89	-0.81	0.35	0.35	0.59	2750000	1700000
36.839578460	-7.065045085	0.52	-2.07	-0.70	0.33	0.33	0.55	2800000	1700000
36.938412840	-6.517636156	0.60	-2.21	-0.49	0.29	0.29	0.48	2850000	1700000
37.034066030	-5.968925099	0.53	-2.23	-0.13	0.24	0.24	0.39	2900000	1700000
37.126526250	-5.418946563	0.19	-2.23	0.11	0.22	0.22	0.36	2950000	1700000
37.215782020	-4.867736106	-0.23	-2.07	-0.19	0.27	0.27	0.44	3000000	1700000
37.301822170	-4.315330182	-0.43	-1.85	-0.53	0.28	0.28	0.48	3050000	1700000
37.384635840	-3.761766118	-0.48	-1.85	-0.53	0.28	0.28	0.50	3100000	1700000
37.464212500	-3.207082094	-0.47	-1.85	-0.43	0.29	0.29	0.51	3150000	1700000
37.540541960	-2.651317123	-0.35	-1.66	-0.26	0.27	0.27	0.45	3200000	1700000
37.613614370	-2.094511026	0.06	-1.19	-0.25	0.28	0.28	0.45	3250000	1700000
37.683420240	-1.536704410	0.62	-0.90	-0.45	0.26	0.26	0.43	3300000	1700000
37.7499504	-	0.88	-0.92	-0.86	0.19	0.19	0.32	3350000	1700000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
50	0.977938638							0	0
37.813196240	-0.418255808	0.44	-0.68	-1.01	0.28	0.28	0.47	3400000	1700000
37.873149240	0.142301278	0.26	-0.43	-0.98	0.37	0.37	0.65	3450000	1700000
38.361150870	12.034371850	1.46	-0.74	-1.14	0.38	0.38	0.68	4500000	1700000
38.347405040	12.602323060	2.18	-0.99	-1.10	0.31	0.32	0.56	4550000	1700000
38.330293780	13.170047350	2.82	-1.04	-0.88	0.26	0.28	0.49	4600000	1700000
38.309819460	13.737495570	3.14	-1.01	-1.01	0.31	0.32	0.54	4650000	1700000
38.285984940	14.304618760	4.05	-0.99	-1.42	0.29	0.29	0.52	4700000	1700000
38.258793530	14.871368260	5.35	-0.62	-1.53	0.24	0.24	0.45	4750000	1700000
38.228248970	15.437695690	4.34	0.16	-1.21	0.21	0.24	0.45	4800000	1700000
38.194355500	16.003553010	2.49	0.77	-0.85	0.22	0.25	0.49	4850000	1700000
38.157117770	16.568892570	2.20	1.03	-0.64	0.30	0.30	0.58	4900000	1700000
37.863778370	19.947444820	-7.95	-13.00	-0.90	0.45	0.42	0.73	5200000	1700000
37.803297970	20.507864930	-11.87	-12.47	-1.04	0.37	0.35	0.60	5250000	1700000
37.739526100	21.067403890	-14.89	-14.03	-1.25	0.29	0.29	0.47	5300000	1700000
37.672471190	21.626019010	-28.42	-18.15	-1.54	0.36	0.44	0.44	5350000	1700000
37.602142050	22.183668300	-26.47	-17.81	-1.65	0.33	0.43	0.45	5400000	1700000
37.528547870	22.740310530	-27.38	-16.84	-1.53	0.29	0.42	0.45	5450000	1700000
37.451698180	23.295905200	-28.10	-17.44	-1.16	0.25	0.41	0.49	5500000	1700000
37.371602910	23.850412630	-27.99	-17.56	-0.88	0.32	0.45	0.57	5550000	1700000
37.288272280	24.403793940	-27.51	-17.51	-0.75	0.34	0.45	0.60	5600000	1700000
37.201716900	24.956011070	-26.78	-17.54	-0.28	0.31	0.42	0.59	5650000	1700000
37.111947660	25.507026850	-26.14	-17.68	0.53	0.34	0.42	0.52	5700000	1700000
37.018975790	26.056804950	-27.23	-17.53	0.79	0.42	0.44	0.55	5750000	1700000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northиng
36.922812810	26.605309970	-28.18	-17.06	0.24	0.44	0.42	0.61	5800000	1700000
36.823470540	27.152507410	-28.22	-16.17	-0.53	0.47	0.39	0.59	5850000	1700000
36.720961090	27.698363690	-26.99	-14.59	-1.21	0.52	0.36	0.56	5900000	1700000
36.615296830	28.242846190	-23.66	-13.59	-1.44	0.59	0.39	0.59	5950000	1700000
36.506490390	28.785923250	-20.07	-14.04	-1.86	0.63	0.38	0.53	6000000	1700000
36.394554650	29.327564170	-20.17	-15.66	-1.99	0.69	0.38	0.55	6050000	1700000
36.279502740	29.867739250	-4.07	-9.47	-1.79	0.36	0.34	0.64	6100000	1700000
36.161348000	30.406419780	-4.78	-10.10	-1.63	0.38	0.36	0.69	6150000	1700000
36.040103990	30.943578050	-3.73	-10.21	-1.47	0.42	0.41	0.75	6200000	1700000
35.788403440	32.013222030	-1.11	-9.49	-1.37	0.41	0.41	0.75	6300000	1700000
35.657974980	32.545657410	0.15	-8.77	-1.38	0.37	0.38	0.68	6350000	1700000
35.524513420	33.076469860	1.51	-7.90	-1.28	0.33	0.34	0.58	6400000	1700000
35.388033210	33.605636790	3.02	-7.60	-0.89	0.30	0.30	0.53	6450000	1700000
35.248548970	34.133136640	4.05	-7.64	-0.72	0.32	0.32	0.61	6500000	1700000
35.106075430	34.658948870	4.56	-7.89	-0.67	0.40	0.40	0.73	6550000	1700000
34.812220030	35.705433520	8.42	-5.28	-0.57	0.47	1.00	0.78	6650000	1700000
36.397519660	-6.956577245	0.42	-2.17	-0.72	0.37	0.38	0.65	2800000	1650000
36.495633660	-6.412352794	0.48	-2.77	-0.62	0.25	0.26	0.44	2850000	1650000
36.590586940	-5.866862070	0.50	-3.06	-0.27	0.27	0.28	0.46	2900000	1650000
36.682368070	-5.320138884	0.21	-3.09	0.14	0.24	0.24	0.40	2950000	1650000
36.770965900	-4.772217922	-0.50	-2.99	-0.34	0.25	0.26	0.43	3000000	1650000
36.856369590	-4.2231	-1.02	-2.84	-0.88	0.26	0.27	0.44	3050000	1650000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
	34732								
36.938568600	-3.672925699	-1.13	-2.64	-0.83	0.25	0.25	0.45	3100000	1650000
37.017552690	-3.121628031	-0.72	-2.23	-0.68	0.30	0.30	0.51	3150000	1650000
37.093311990	-2.569279735	-0.33	-1.78	-0.42	0.23	0.23	0.38	3200000	1650000
37.165836920	-2.015919594	0.24	-1.24	-0.39	0.28	0.28	0.47	3250000	1650000
37.235118280	-1.461587145	0.72	-0.92	-0.58	0.32	0.32	0.55	3300000	1650000
37.301147210	-0.906322654	0.95	-0.77	-0.90	0.32	0.32	0.55	3350000	1650000
37.363915230	-0.350167090	0.63	-0.58	-1.01	0.36	0.36	0.62	3400000	1650000
37.907678870	12.020863620	1.69	-0.92	-1.11	0.36	0.36	0.65	4500000	1650000
37.894039320	12.585050540	2.66	-1.37	-1.06	0.21	0.21	0.40	4550000	1650000
37.877060270	13.149017120	2.97	-1.41	-0.68	0.23	0.23	0.41	4600000	1650000
37.856744030	13.712715610	3.03	-1.30	-0.53	0.28	0.28	0.48	4650000	1650000
37.833093370	14.276098470	4.02	-1.23	-0.65	0.30	0.30	0.53	4700000	1650000
37.806111490	14.839118430	5.04	-0.86	-0.78	0.29	0.29	0.51	4750000	1650000
37.775802040	15.401728510	4.13	-0.12	-0.83	0.26	0.29	0.52	4800000	1650000
37.742169100	15.963882030	2.29	0.37	-0.87	0.29	0.32	0.59	4850000	1650000
37.705217200	16.525532690	1.71	0.48	-0.78	0.37	0.37	0.69	4900000	1650000
37.354091820	20.439210150	-31.10	-15.89	-0.97	0.56	0.50	0.70	5250000	1650000
37.290801500	20.995225930	-30.49	-17.67	-1.14	0.49	0.46	0.61	5300000	1650000
37.224251600	21.550344020	-28.38	-20.70	-1.39	0.40	0.42	0.49	5350000	1650000
37.154450660	22.104523590	-27.35	-20.96	-1.63	0.31	0.37	0.39	5400000	1650000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
10	5.223109737							0	0
36.325730020	-4.678423603	-0.24	-3.43	-0.65	0.32	0.33	0.55	3000000	1600000
36.410509020	-4.132607429	-0.64	-3.13	-1.06	0.33	0.33	0.55	3050000	1600000
36.492104770	-3.585696686	-0.74	-2.95	-1.23	0.30	0.30	0.50	3100000	1600000
36.570507330	-3.037727634	-0.28	-2.46	-1.19	0.32	0.32	0.53	3150000	1600000
36.645707110	-2.488737299	0.16	-1.78	-1.04	0.28	0.28	0.46	3200000	1600000
36.717694830	-1.938763458	0.39	-1.25	-0.83	0.35	0.35	0.59	3250000	1600000
36.786461540	-1.387844608	0.56	-0.88	-0.80	0.39	0.39	0.68	3300000	1600000
37.453950930	12.007607760	1.55	-0.95	-1.08	0.39	0.39	0.71	4500000	1600000
37.440415600	12.568100580	2.17	-1.34	-1.04	0.32	0.32	0.60	4550000	1600000
37.423566200	13.128379400	2.47	-1.73	-1.04	0.24	0.25	0.47	4600000	1600000
37.403404980	13.688397850	2.99	-2.03	-0.71	0.20	0.21	0.40	4650000	1600000
37.379934620	14.248109760	3.17	-1.76	-0.68	0.25	0.26	0.45	4700000	1600000
37.353158230	14.807469210	3.84	-1.53	-1.06	0.26	0.27	0.46	4750000	1600000
37.323079330	15.366430530	3.77	-0.87	-1.14	0.29	0.31	0.54	4800000	1600000
36.841730090	20.924371130	-29.70	-19.01	-0.96	0.52	0.47	0.69	5300000	1600000
36.775675670	21.476053520	-29.15	-22.16	-1.03	0.40	0.38	0.52	5350000	1600000
36.706393010	22.026823790	-28.35	-22.13	-0.83	0.35	0.37	0.45	5400000	1600000
36.633890760	22.576642830	-27.79	-19.51	-0.74	0.30	0.36	0.41	5450000	1600000
36.558177900	23.125472280	-27.41	-17.40	-0.95	0.26	0.32	0.42	5500000	1600000
36.479263770	23.673274480	-27.27	-17.31	-0.71	0.36	0.41	0.60	5550000	1600000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
36.3971580	24.220012500	-27.26	-17.38	-0.49	0.35	0.40	0.62	5600000	1600000
36.3118706	24.765650230	-27.90	-17.61	0.04	0.36	0.40	0.61	5650000	1600000
36.2234119	25.310152320	-29.26	-17.76	0.74	0.34	0.35	0.55	5700000	1600000
36.1317924	25.853484240	-29.42	-16.80	0.38	0.42	0.40	0.63	5750000	1600000
36.0370230	26.395612290	-29.81	-15.37	-0.29	0.46	0.41	0.66	5800000	1600000
35.9391148	26.936503600	-30.49	-13.41	-0.98	0.49	0.38	0.61	5850000	1600000
35.8380794	27.476126200	-30.62	-11.18	-1.31	0.50	0.33	0.55	5900000	1600000
35.7339282	28.014448960	-28.36	-11.33	-1.37	0.57	0.37	0.63	5950000	1600000
35.6266734	28.551441660	-25.60	-13.54	-1.47	0.66	0.43	0.72	6000000	1600000
34.9186628	31.743889160	-1.23	-7.52	-1.22	0.44	0.44	0.81	6300000	1600000
34.7900346	32.270802300	-0.13	-7.00	-1.20	0.42	0.43	0.77	6350000	1600000
34.6584057	32.796176910	1.03	-6.50	-1.10	0.40	0.41	0.72	6400000	1600000
34.5237899	33.319991200	2.17	-6.32	-0.87	0.40	0.40	0.71	6450000	1600000
34.3862011	33.842224360	3.11	-6.28	-0.69	0.41	0.41	0.74	6500000	1600000
32.7816386	-17.719150630	0.28	-2.35	-0.93	0.40	0.39	0.72	1750000	1550000
32.9410148	-17.212172740	0.37	-3.59	-1.00	0.32	0.31	0.58	1800000	1550000
33.0975421	-16.703527080	0.42	-3.65	-0.95	0.34	0.34	0.62	1850000	1550000
33.2512066	-16.193226770	0.28	-2.94	-0.89	0.37	0.36	0.71	1900000	1550000
35.5119892	-6.745405585	0.39	-2.43	-0.73	0.42	0.42	0.74	2800000	1550000
35.6087014	-6.207396864	0.43	-3.34	-0.70	0.38	0.38	0.65	2850000	1550000
35.7022929	-5.668190289	0.46	-4.61	-0.66	0.28	0.28	0.46	2900000	1550000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
35.7927530	-5.127818052	0.34	-4.54	-0.63	0.25	0.26	0.43	2950000	1550000
35.8800710	-4.586313157	0.16	-3.56	-0.82	0.37	0.37	0.62	3000000	1550000
37.0101020	11.437568220	0.95	-0.66	-1.08	0.43	0.43	0.81	4450000	1550000
36.9999597	11.994598050	1.39	-0.95	-1.12	0.42	0.42	0.76	4500000	1550000
36.9865266	12.551465240	1.87	-1.31	-1.15	0.39	0.39	0.71	4550000	1550000
36.9698044	13.108124560	2.35	-1.69	-1.16	0.36	0.36	0.64	4600000	1550000
36.9497952	13.664530970	2.87	-1.99	-1.13	0.33	0.33	0.58	4650000	1550000
36.9265016	14.220639620	3.19	-1.98	-1.28	0.31	0.31	0.53	4700000	1550000
36.8999268	14.776405890	3.85	-1.91	-1.68	0.18	0.18	0.31	4750000	1550000
36.8700740	15.331785410	3.76	-1.33	-1.47	0.26	0.27	0.48	4800000	1550000
36.3267386	21.403114620	-28.80	-20.03	-0.64	0.49	0.44	0.69	5350000	1550000
36.2579645	21.950534690	-28.13	-20.21	-0.32	0.43	0.42	0.62	5400000	1550000
36.1859930	22.497030140	-27.39	-19.03	-0.05	0.37	0.39	0.55	5450000	1550000
36.1108327	23.042563580	-26.84	-17.67	-0.05	0.31	0.34	0.51	5500000	1550000
36.0324928	23.587098330	-26.93	-17.30	-0.27	0.36	0.40	0.59	5550000	1550000
35.9509825	24.130598430	-27.26	-17.24	-0.38	0.36	0.39	0.60	5600000	1550000
35.8663117	24.673028670	-27.69	-17.38	-0.35	0.37	0.39	0.61	5650000	1550000
35.7784903	25.214354590	-28.26	-17.27	-0.41	0.38	0.38	0.61	5700000	1550000
35.6875285	25.754542520	-28.66	-16.60	-0.74	0.41	0.39	0.62	5750000	1550000
35.5934369	26.293559580	-29.12	-15.57	-1.10	0.44	0.39	0.64	5800000	1550000
35.4962264	26.831373710	-30.02	-13.93	-1.48	0.46	0.35	0.59	5850000	1550000
35.3959080	27.367953690	-29.89	-12.86	-1.62	0.50	0.34	0.59	5900000	1550000
34.3551371	32.136911330	-0.37	-6.44	-1.04	0.44	0.44	0.82	6350000	1550000
34.2244011	32.659	0.66	-6.11	-0.94	0.44	0.44	0.80	6400000	1550000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
10	623750							0	0
34.0906937	33.180816680	1.65	-5.88	-0.80	0.43	0.44	0.79	6450000	1550000
30									
32.3564009	-17.561261570	0.36	-2.43	-0.93	0.39	0.39	0.70	1750000	1500000
80									
32.5147638	-17.056505330	0.68	-3.98	-0.98	0.27	0.27	0.45	1800000	1500000
70									
32.6702902	-16.550123300	0.61	-3.89	-0.96	0.31	0.31	0.54	1850000	1500000
00									
32.8229661	-16.042128440	0.35	-2.85	-0.90	0.39	0.38	0.71	1900000	1500000
30									
35.1645433	-6.107639477	0.42	-3.21	-0.68	0.40	0.40	0.69	2850000	1500000
60									
35.2574724	-5.571498682	0.35	-4.06	-0.64	0.34	0.34	0.57	2900000	1500000
70									
35.3472899	-5.034224092	0.33	-4.06	-0.69	0.33	0.34	0.57	2950000	1500000
50									
35.4339855	-4.495847899	0.41	-3.30	-0.87	0.39	0.39	0.68	3000000	1500000
60									
35.5175493	-3.956403063	0.68	-2.94	-1.12	0.39	0.39	0.68	3050000	1500000
90									
35.5979717	-3.415923291	1.26	-3.02	-1.41	0.34	0.34	0.57	3100000	1500000
60									
35.6752433	-2.874443021	1.64	-2.93	-1.56	0.28	0.28	0.47	3150000	1500000
30									
35.8202981	-1.788622274	0.74	-1.30	-1.13	0.42	0.42	0.75	3250000	1500000
40									
35.8880642	-1.244354145	0.51	-0.82	-1.00	0.43	0.43	0.80	3300000	1500000
10									
36.5557646	11.428362140	0.95	-0.71	-1.11	0.44	0.44	0.81	4450000	1500000
40									
36.5456980	11.981828510	1.37	-1.03	-1.20	0.42	0.42	0.77	4500000	1500000
90									
36.5323652	12.535136860	1.83	-1.36	-1.27	0.41	0.41	0.74	4550000	1500000
10									
36.4727875	14.193675460	3.27	-1.85	-1.57	0.35	0.35	0.61	4700000	1500000
40									



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east in g	north in g
36.446410370	14.745914280	3.61	-1.72	-1.71	0.31	0.31	0.53	4750000	1500000
36.416779430	15.29777360	3.10	-1.27	-1.53	0.36	0.36	0.63	4800000	1500000
35.737709870	22.418852100	-27.40	-18.13	-0.06	0.44	0.44	0.70	5450000	1500000
35.663091990	22.961145660	-26.85	-17.60	0.03	0.39	0.41	0.66	5500000	1500000
35.585315680	23.502468190	-26.48	-17.27	-0.02	0.32	0.37	0.58	5550000	1500000
35.504390030	24.042784670	-27.01	-16.79	-0.41	0.20	0.25	0.41	5600000	1500000
35.420324470	24.582060770	-27.29	-17.20	-0.73	0.25	0.29	0.50	5650000	1500000
35.333128680	25.120262900	-27.75	-17.07	-1.22	0.26	0.27	0.47	5700000	1500000
35.242812650	25.657358230	-28.19	-16.33	-1.70	0.29	0.27	0.49	5750000	1500000
35.149386640	26.193314680	-28.29	-16.08	-1.66	0.32	0.25	0.55	5800000	1500000
35.052861170	26.728100970	-28.58	-15.16	-1.59	0.48	0.39	0.67	5850000	1500000
34.953247020	27.261686620	-28.23	-14.72	-1.54	0.55	0.43	0.72	5900000	1500000
32.087742380	-16.903394770	0.45	-2.61	-0.92	0.39	0.39	0.68	1800000	1450000
32.242283860	-16.399249260	0.45	-2.68	-0.92	0.39	0.39	0.69	1850000	1450000
32.393987380	-15.893531650	0.31	-2.12	-0.88	0.42	0.41	0.76	1900000	1450000
35.070442700	-3.870652033	0.86	-2.59	-1.02	0.40	0.40	0.71	3050000	1450000
35.150294460	-3.333307170	1.50	-2.78	-1.19	0.34	0.34	0.58	3100000	1450000
35.227016070	-2.794989371	2.01	-2.92	-1.27	0.23	0.23	0.38	3150000	1450000
35.300598740	-2.255732882	1.26	-1.89	-1.20	0.38	0.38	0.67	3200000	1450000
35.371033980	-1.715572615	0.77	-1.18	-1.08	0.42	0.42	0.77	3250000	1450000
35.438313600	-1.1745	0.48	-0.74	-0.98	0.44	0.44	0.82	3300000	1450000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
35.564487250	14.141216940	2.85	-1.59	-1.54	0.36	0.36	0.65	4700000	1400000
35.538494280	14.686591860	2.86	-1.46	-1.49	0.34	0.35	0.64	4750000	1400000
34.609938110	23.871813080	-27.26	-16.54	-0.38	0.34	0.38	0.58	5600000	1400000
34.527050250	24.404936760	-27.74	-16.55	-0.70	0.37	0.41	0.61	5650000	1400000
34.441071980	24.937044420	-27.97	-16.57	-1.04	0.41	0.44	0.69	5700000	1400000
35.181216310	11.944903940	1.42	-1.20	-1.30	0.40	0.40	0.71	4500000	1350000
35.168172890	12.487920870	2.04	-1.71	-1.46	0.34	0.34	0.59	4550000	1350000
35.151935490	13.030752530	2.05	-1.59	-1.46	0.37	0.37	0.65	4600000	1350000
30.372008570	-16.315549310	0.17	-1.09	-0.90	0.44	0.44	0.84	1800000	1250000
30.522767090	-15.820081490	0.16	-1.01	-0.92	0.44	0.44	0.85	1850000	1250000
29.941174720	-16.174505730	0.20	-1.39	-0.94	0.44	0.44	0.83	1800000	1200000
30.091025230	-15.681140970	0.19	-1.26	-0.97	0.44	0.44	0.84	1850000	1200000
28.723717990	-18.471570010	0.16	-2.70	-0.80	0.37	0.38	0.65	1550000	1150000
28.886330000	-17.987185320	0.56	-3.49	-0.96	0.25	0.26	0.43	1600000	1150000
29.046234280	-17.501400920	0.56	-3.02	-0.77	0.35	0.36	0.62	1650000	1150000
28.295932160	-18.325306230	-0.05	-3.35	-0.75	0.34	0.35	0.59	1550000	1100000
28.457611260	-17.842799250	-0.21	-4.23	0.17	0.15	0.22	0.31	1600000	1100000
28.616592780	-17.358927430	0.49	-3.72	-0.49	0.31	0.33	0.55	1650000	1100000
28.772865370	-16.873699470	0.38	-3.36	-0.88	0.34	0.35	0.59	1700000	1100000
28.9264176	-	0.31	-3.12	-1.01	0.36	0.36	0.63	1750000	1100000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
70	16.387124760							0	0
29.077238400	-15.899213420	0.29	-2.65	-1.10	0.40	0.40	0.71	1800000	1100000
29.652981320	-13.934429040	0.47	-2.33	-1.21	0.39	0.40	0.70	2000000	1100000
29.789976500	-13.440011270	0.38	-1.95	-1.03	0.39	0.40	0.73	2050000	1100000
27.703882970	-18.660668170	0.19	-2.62	-1.25	0.37	0.38	0.66	1500000	1050000
27.867320120	-18.181355710	0.05	-3.97	-1.40	0.23	0.27	0.42	1550000	1050000
28.028080840	-17.700704630	-0.12	-3.90	-0.86	0.28	0.30	0.49	1600000	1050000
28.186154060	-17.218722790	0.45	-3.76	-0.85	0.25	0.33	0.53	1650000	1050000
28.341528700	-16.735418760	0.27	-4.10	-1.26	0.16	0.17	0.27	1700000	1050000
28.494193720	-16.250801800	0.32	-4.36	-1.17	0.14	0.13	0.28	1750000	1050000
28.644138110	-15.764881860	0.33	-3.43	-1.29	0.35	0.35	0.60	1800000	1050000
28.791350920	-15.277669590	0.39	-3.03	-1.30	0.39	0.39	0.68	1850000	1050000
29.077538200	-14.299414160	0.64	-3.34	-1.47	0.36	0.36	0.62	1950000	1050000
29.216491020	-13.808395770	0.81	-3.60	-1.51	0.28	0.29	0.49	2000000	1050000
29.352669000	-13.316134630	0.58	-2.92	-1.05	0.27	0.32	0.56	2050000	1050000
27.275360390	-18.517189940	0.23	-2.28	-1.29	0.38	0.39	0.69	1500000	1000000
27.437883740	-18.039678230	0.29	-3.39	-1.44	0.28	0.30	0.49	1550000	1000000
27.5977403	-	0.14	-3.38	-1.28	0.32	0.33	0.56	1600000	1000000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
70	17.560861290							0	0
27.754919490	-17.080746890	0.47	-3.33	-1.23	0.32	0.35	0.60	1650000	1000000
27.909410300	-16.599343460	0.62	-3.79	-1.49	0.26	0.26	0.43	1700000	1000000
28.061202060	-16.116660130	0.36	-4.06	-1.55	0.28	0.28	0.47	1750000	1000000
28.210284040	-15.632706670	0.39	-3.88	-1.59	0.24	0.25	0.42	1800000	1000000
28.356645570	-15.147493550	0.51	-3.59	-1.41	0.32	0.33	0.56	1850000	1000000
28.500276020	-14.661031930	0.64	-3.78	-1.32	0.35	0.35	0.59	1900000	1000000
28.641164820	-14.173333630	0.69	-4.15	-1.36	0.27	0.27	0.45	1950000	1000000
28.779301470	-13.684411150	0.95	-4.11	-1.60	0.22	0.23	0.37	2000000	1000000
28.914675540	-13.194277660	0.74	-3.01	-1.12	0.31	0.33	0.57	2050000	1000000
27.627443340	-15.984660950	0.47	-3.33	-1.40	0.31	0.33	0.55	1750000	950000
27.775676590	-15.502649200	0.67	-3.97	-1.54	0.20	0.24	0.40	1800000	950000
27.921200410	-15.019409690	0.69	-3.74	-1.42	0.32	0.32	0.55	1850000	950000
28.064004450	-14.534953370	0.88	-4.20	-1.19	0.26	0.26	0.44	1900000	950000
28.204078430	-14.049291830	0.62	-4.27	-1.27	0.17	0.18	0.30	1950000	950000
28.341412100	-13.562437360	0.57	-3.37	-1.25	0.32	0.32	0.55	2000000	950000
27.192917886	-15.854766500	0.39	-2.37	-1.24	0.39	0.40	0.70	1750000	900000
27.3403158	-	0.49	-2.72	-1.27	0.37	0.38	0.66	180000	900000



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

## 1. Change Log

Date	Version	Summary
2025-12-02	1.0.0	Initial release
2025-12-02	1.0.0	Initial release