

# **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	northing
71.677059100	24.988045730	0.28	-0.42	0.41	0.41	0.41	0.74	4850000	5450000
71.573514230	26.348400110	0.26	-0.34	0.71	0.39	0.39	0.70	4900000	5450000
71.461257320	27.694442550	0.21	-0.25	1.00	0.41	0.41	0.73	4950000	5450000
71.340438940	29.025307670	0.13	-0.18	1.23	0.42	0.42	0.76	5000000	5450000
71.211217090	30.340206270	0.01	-0.14	1.35	0.42	0.42	0.75	5050000	5450000
71.411100550	21.949184740	0.30	-0.57	0.11	0.43	0.43	0.80	4750000	5400000
71.327496480	23.305576110	0.32	-0.49	0.54	0.41	0.41	0.75	4800000	5400000
71.235103650	24.650476440	0.36	-0.43	0.86	0.37	0.37	0.65	4850000	5400000
71.134045700	25.982932550	0.43	-0.38	1.09	0.25	0.25	0.42	4900000	5400000
71.024455090	27.302055650	0.38	-0.22	1.48	0.35	0.35	0.60	4950000	5400000
70.906472250	28.607023670	0.25	-0.14	1.71	0.39	0.39	0.68	5000000	5400000
70.780244740	29.897082900	0.12	-0.12	1.83	0.38	0.38	0.66	5050000	5400000
70.645926390	31.171548850	-0.01	-0.12	1.84	0.33	0.33	0.56	5100000	5400000
70.503676470	32.429806440	-0.13	-0.04	1.63	0.38	0.38	0.66	5150000	5400000
71.037514410	20.345752430	0.37	-0.64	0.14	0.42	0.42	0.78	4700000	5350000
70.964614900	21.683489790	0.32	-0.59	0.73	0.40	0.41	0.74	4750000	5350000
70.883011040	23.011479690	0.32	-0.50	1.20	0.39	0.39	0.70	4800000	5350000
70.792808940	24.328769320	0.38	-0.42	1.53	0.36	0.36	0.63	4850000	5350000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
69.164165030	27.112174570	0.39	0.42	4.24	0.37	0.36	0.64	5000000	5200000
69.0486868	28.311	0.30	0.54	4.26	0.39	0.38	0.68	5050000	5200000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northиng
30	268660							0	0
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
68.6575410	31.834147720	-0.04	0.54	3.20	0.43	0.43	0.79	5200000	5200000
68.5126821	32.982026570	-0.12	0.55	2.59	0.43	0.43	0.81	5250000	5200000
66.1343886	-23.905591150	4.60	-16.89	-0.05	0.33	0.34	0.57	2850000	5150000
66.3441754	-22.929735060	4.24	-17.72	1.75	0.32	0.32	0.54	2900000	5150000
66.5483726	-21.939072180	4.84	-17.40	0.74	0.40	0.40	0.71	2950000	5150000
66.7468455	-20.933623570	5.06	-17.24	-1.29	0.43	0.43	0.78	3000000	5150000
69.4289319	14.512570610	0.84	-0.82	-0.62	0.38	0.38	0.68	4500000	5150000
69.3950503	15.767401640	0.98	-0.71	0.26	0.25	0.24	0.43	4550000	5150000
69.3529384	17.018105960	0.68	-0.83	1.47	0.28	0.29	0.49	4600000	5150000
69.3026438	18.263823090	0.40	-0.90	2.62	0.23	0.25	0.43	4650000	5150000
69.2442232	19.503715790	0.43	-0.77	3.25	0.21	0.24	0.43	4700000	5150000
69.1777414	20.736973470	0.58	-0.49	3.65	0.29	0.29	0.49	4750000	5150000
69.1032715	21.962815500	0.60	-0.23	3.98	0.30	0.30	0.49	4800000	5150000
69.0208941	23.180494020	0.60	0.08	4.20	0.17	0.17	0.28	4850000	5150000
68.9306972	24.389296530	0.51	0.15	4.62	0.35	0.35	0.59	4900000	5150000
68.8327754	25.588548040	0.45	0.32	4.89	0.39	0.38	0.67	4950000	5150000
68.7272296	26.777612880	0.38	0.56	5.06	0.38	0.35	0.66	5000000	5150000
68.6141665	27.955896160	0.28	0.77	5.12	0.36	0.30	0.62	5050000	5150000
68.4936981	29.122844840	0.19	0.74	4.91	0.37	0.36	0.64	5100000	5150000
68.3659408	30.277948430	0.07	0.70	4.45	0.40	0.39	0.70	5150000	5150000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
68.2310155	31.420739390	-0.03	0.67	3.82	0.42	0.42	0.77	5200000	5150000
68.0890467	32.550793170	-0.11	0.64	3.11	0.42	0.42	0.80	5250000	5150000
65.5331431	-24.301625800	4.50	-16.81	-1.08	0.37	0.39	0.65	2800000	5100000
65.7448572	-23.349544250	4.63	-17.50	0.30	0.31	0.33	0.53	2850000	5100000
65.9511456	-22.383310850	4.63	-17.59	1.92	0.31	0.32	0.52	2900000	5100000
66.1518800	-21.402935420	4.89	-17.58	0.97	0.39	0.40	0.68	2950000	5100000
66.3469315	-20.408454240	5.23	-17.32	-0.97	0.42	0.42	0.75	3000000	5100000
66.5361700	-19.399931650	5.81	-16.76	-3.47	0.42	0.43	0.77	3050000	5100000
66.7194652	-18.377461690	4.37	-14.40	-4.80	0.43	0.43	0.79	3100000	5100000
69.0016528	13.189302840	0.75	-0.95	-0.82	0.41	0.41	0.74	4450000	5100000
68.9766039	14.422331180	0.75	-0.93	0.15	0.37	0.37	0.66	4500000	5100000
68.9434657	15.652322910	0.71	-0.92	1.21	0.30	0.30	0.51	4550000	5100000
68.9022745	16.878453980	0.49	-1.00	2.42	0.25	0.27	0.46	4600000	5100000
68.8530749	18.099917810	0.34	-0.98	3.51	0.24	0.26	0.45	4650000	5100000
68.7959197	19.315928570	0.45	-0.75	4.05	0.30	0.31	0.54	4700000	5100000
68.7308698	20.525724420	0.65	-0.45	4.42	0.30	0.30	0.52	4750000	5100000
68.6579934	21.728570430	0.74	-0.19	4.76	0.29	0.27	0.50	4800000	5100000
68.5773661	22.923761160	0.63	0.01	5.10	0.29	0.29	0.49	4850000	5100000
68.4890705	24.110623030	0.53	0.14	5.44	0.28	0.27	0.47	4900000	5100000
68.3931953	25.288516330	0.41	0.32	5.66	0.37	0.37	0.64	4950000	5100000
68.2898352	26.456836950	0.32	0.53	5.79	0.38	0.37	0.66	5000000	5100000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northиng
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
68.403584190	17.942986970	0.51	-0.93	4.10	0.31	0.33	0.52	4650000	5050000
68.3476405	19.136	0.54	-0.74	4.70	0.36	0.36	0.60	4700000	5050000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
66.0727605 30	-16.416 708160	1.32	-3.68	2.34	0.37	0.37	0.64	315000 0	500000 0
66.2377009 40	-15.393 610890	0.17	-0.55	-0.47	0.42	0.42	0.76	320000 0	500000 0
66.3964528 30	-14.358 367690	0.72	-1.00	-1.37	0.44	0.44	0.82	325000 0	500000 0
66.5489000 60	-13.311 207700	0.75	-0.94	-1.09	0.44	0.44	0.85	330000 0	500000 0
68.1127467 90	11.879 173910	0.77	-1.07	-0.53	0.37	0.37	0.65	440000 0	500000 0
68.0965289 70	13.067 181750	0.70	-1.08	0.51	0.27	0.27	0.46	445000 0	500000 0
68.0725349 30	14.253 259000	0.51	-1.18	1.82	0.25	0.25	0.46	450000 0	500000 0
68.0407887 60	15.436 668950	0.52	-1.13	2.95	0.29	0.30	0.49	455000 0	500000 0
68.0013221 60	16.616 686080	0.55	-1.04	3.87	0.33	0.34	0.55	460000 0	500000 0
67.9541742 70	17.792 598910	0.60	-0.89	4.61	0.34	0.35	0.57	465000 0	500000 0
67.8993914 90	18.963 712830	0.61	-0.72	5.24	0.35	0.35	0.58	470000 0	500000 0
67.8370272 20	20.129 352670	0.56	-0.52	5.84	0.32	0.32	0.53	475000 0	500000 0
67.7671416 10	21.288 865090	0.48	-0.33	6.41	0.24	0.24	0.39	480000 0	500000 0
67.6898012 40	22.441 620820	0.44	-0.10	6.70	0.36	0.36	0.61	485000 0	500000 0
67.6050788 10	23.587 016630	0.35	0.09	6.88	0.36	0.34	0.61	490000 0	500000 0
67.5130527 90	24.724 477030	0.24	0.28	6.97	0.34	0.31	0.58	495000 0	500000 0
67.4138070 60	25.853 455810	0.16	0.44	7.01	0.27	0.27	0.45	500000 0	500000 0
67.3074305 20	26.973 437240	0.07	0.57	6.90	0.30	0.30	0.49	505000 0	500000 0
67.1940167 10	28.083 937100	-0.01	0.63	6.60	0.38	0.36	0.64	510000 0	500000 0
67.0736634 20	29.184 503410	-0.11	0.64	6.09	0.39	0.35	0.68	515000 0	500000 0
66.9464722 70	30.274 716920	-0.21	0.74	5.31	0.41	0.40	0.74	520000 0	500000 0
66.8125483 00	31.354 191410	-0.30	0.80	4.47	0.43	0.43	0.79	525000 0	500000 0
66.6719996	32.422	-0.41	0.80	3.62	0.44	0.44	0.82	530000	500000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
10	573760							0	0
63.943787750	-24.525468360	3.53	-15.52	-5.16	0.41	0.42	0.76	2700000	4950000
64.155802170	-23.625153920	3.88	-16.21	-5.88	0.37	0.37	0.66	2750000	4950000
64.362717030	-22.712417710	3.87	-16.99	-2.99	0.32	0.32	0.55	2800000	4950000
64.564420500	-21.787265400	4.51	-18.24	0.72	0.26	0.28	0.47	2850000	4950000
64.760799860	-20.849722980	4.77	-18.96	4.70	0.28	0.31	0.50	2900000	4950000
64.951741830	-19.899837920	6.31	-18.52	10.23	0.26	0.29	0.49	2950000	4950000
65.137132690	-18.937680430	9.32	-17.82	12.63	0.31	0.32	0.54	3000000	4950000
65.316858560	-17.963344500	11.63	-18.03	8.11	0.29	0.31	0.50	3050000	4950000
65.490805670	-16.976949070	8.92	-12.70	4.60	0.24	0.25	0.40	3100000	4950000
65.658860620	-15.978639070	1.44	-0.18	4.93	0.34	0.34	0.57	3150000	4950000
65.820910660	-14.968586340	0.65	-0.35	-0.36	0.41	0.41	0.73	3200000	4950000
65.976844010	-13.946990570	0.90	-0.61	-0.95	0.43	0.43	0.81	3250000	4950000
67.668418300	10.677077330	0.79	-1.18	-0.87	0.42	0.42	0.76	4350000	4950000
67.660167100	11.844050690	0.76	-1.16	0.10	0.37	0.37	0.65	4400000	4950000
67.644283990	13.009910850	0.70	-1.15	1.19	0.29	0.29	0.47	4450000	4950000
67.620784280	14.173958370	0.57	-1.19	2.48	0.29	0.31	0.49	4500000	4950000
67.589690570	15.335501120	0.49	-1.18	3.68	0.26	0.27	0.44	4550000	4950000
67.551032580	16.493857030	0.52	-1.09	4.53	0.31	0.29	0.52	4600000	4950000
67.5048470	17.648	0.66	-0.90	5.12	0.29	0.29	0.48	4650000	4950000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
50	356750							0	0
67.4511775 20	18.798 346090	0.68	-0.72	5.73	0.27	0.27	0.44	470000 0	495000 0
67.3900741 50	19.943 188440	0.58	-0.54	6.38	0.36	0.36	0.60	475000 0	495000 0
67.3215934 50	21.082 266970	0.47	-0.33	6.91	0.37	0.37	0.62	480000 0	495000 0
67.2457980 10	22.214 986590	0.37	-0.12	7.24	0.38	0.38	0.65	485000 0	495000 0
67.1627562 30	23.340 775830	0.26	0.11	7.44	0.36	0.34	0.62	490000 0	495000 0
67.0725419 90	24.459 088410	0.15	0.34	7.49	0.34	0.32	0.59	495000 0	495000 0
66.9752343 00	25.569 404650	0.06	0.52	7.51	0.35	0.33	0.59	500000 0	495000 0
66.8709170 00	26.671 232650	-0.02	0.63	7.33	0.36	0.35	0.61	505000 0	495000 0
66.7596783 60	27.764 109240	-0.10	0.66	6.93	0.39	0.37	0.67	510000 0	495000 0
66.6416107 50	28.847 600690	-0.20	0.70	6.37	0.38	0.36	0.67	515000 0	495000 0
66.5168102 40	29.921 303280	-0.29	0.81	5.60	0.40	0.39	0.70	520000 0	495000 0
66.3853762 70	30.984 843610	-0.39	0.85	4.78	0.42	0.42	0.76	525000 0	495000 0
66.2474112 30	32.037 878660	-0.48	0.84	3.93	0.44	0.43	0.81	530000 0	495000 0
63.5562389 40	- 24.012 317500	3.36	-14.21	-5.78	0.42	0.42	0.77	270000 0	490000 0
63.7650383 90	- 23.119 893670	3.73	-14.78	-8.17	0.35	0.35	0.67	275000 0	490000 0
63.9687663 60	- 22.215 557280	3.39	-15.27	-4.40	0.26	0.26	0.46	280000 0	490000 0
64.1673152 40	- 21.299 325250	4.84	-13.75	-2.97	0.28	0.28	0.47	285000 0	490000 0
64.3605767 40	- 20.371 233890	3.35	-16.11	8.12	0.29	0.29	0.51	290000 0	490000 0
64.5484421 30	- 19.431 339990	4.93	-16.32	16.31	0.24	0.23	0.46	295000 0	490000 0
64.7308024 00	- 18.479 721830	8.07	-16.06	22.76	0.27	0.31	0.50	300000 0	490000 0
64.9075485 40	- 17.516	16.69	-21.14	17.16	0.27	0.31	0.50	305000	490000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	480240							0	0
65.0785717 50	- 16.541 739530	5.64	-4.95	10.92	0.30	0.32	0.52	310000 0	490000 0
65.2437637 10	- 15.555 648400	2.66	1.20	8.03	0.32	0.33	0.55	315000 0	490000 0
65.4030168 60	- 14.558 380800	1.16	0.11	0.75	0.40	0.40	0.71	320000 0	490000 0
65.5562246 60	- 13.550 136640	1.09	-0.03	-0.34	0.43	0.43	0.80	325000 0	490000 0
67.2158882 30	10.664 698780	0.78	-1.27	-0.26	0.42	0.42	0.77	435000 0	490000 0
67.2078039 30	11.810 353940	0.73	-1.29	0.76	0.39	0.39	0.68	440000 0	490000 0
67.1922417 60	12.954 962720	0.65	-1.27	1.92	0.34	0.35	0.58	445000 0	490000 0
67.1692161 00	14.097 867470	0.49	-1.27	3.22	0.24	0.28	0.43	450000 0	490000 0
67.1387481 50	15.238 417150	0.40	-1.24	4.38	0.27	0.27	0.46	455000 0	490000 0
67.1008658 30	16.375 969810	0.49	-1.14	5.19	0.27	0.26	0.47	460000 0	490000 0
67.0556036 70	17.509 894970	0.71	-0.95	5.61	0.24	0.24	0.40	465000 0	490000 0
67.0030025 70	18.639 575880	0.67	-0.75	6.22	0.31	0.31	0.52	470000 0	490000 0
66.9431097 00	19.764 411710	0.56	-0.56	6.82	0.37	0.37	0.63	475000 0	490000 0
66.8759782 00	20.883 819520	0.44	-0.37	7.29	0.38	0.38	0.65	480000 0	490000 0
66.8016670 00	21.997 236130	0.32	-0.16	7.63	0.37	0.37	0.63	485000 0	490000 0
66.7202405 10	23.104 119770	0.19	0.07	7.87	0.34	0.34	0.57	490000 0	490000 0
66.6317683 30	24.203 951590	0.07	0.30	7.98	0.35	0.34	0.59	495000 0	490000 0
66.5363250 00	25.296 236950	-0.03	0.55	7.98	0.35	0.32	0.59	500000 0	490000 0
66.4339896 30	26.380 506560	-0.11	0.68	7.69	0.37	0.34	0.64	505000 0	490000 0
66.3248456 00	27.456 317350	-0.18	0.74	7.17	0.38	0.37	0.66	510000 0	490000 0
66.2089802 30	28.523 253220	-0.26	0.86	6.54	0.34	0.33	0.57	515000 0	490000 0
66.0864844 40	29.580 925560	-0.37	0.95	5.80	0.32	0.31	0.54	520000 0	490000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east in g	north i ng
65.9574523	30.628	-0.47	0.92	5.02	0.40	0.40	0.71	5250000	4900000
80	973610								
65.8219811	31.667	-0.56	0.88	4.18	0.43	0.43	0.79	5300000	4900000
40	064610								
65.6801703	32.694	-0.64	0.83	3.29	0.44	0.44	0.83	5350000	4900000
90	893810								
63.3724354	-22.629	3.55	-7.95	-9.17	0.40	0.40	0.72	2750000	4850000
20	977310								
63.5730617	-21.734	3.19	-1.71	-3.33	0.36	0.36	0.62	2800000	4850000
30	013580								
63.7685425	-20.826	2.42	-2.77	3.38	0.32	0.33	0.53	2850000	4850000
20	650020								
63.9587737	-19.907	1.17	-11.21	14.82	0.26	0.26	0.46	2900000	4850000
50	931920								
64.1436510	-18.977	2.13	-8.52	17.59	0.30	0.30	0.52	2950000	4850000
70	924000								
64.3230699	-18.036	2.33	-12.80	24.23	0.31	0.34	0.54	3000000	4850000
70	711390								
64.4969260	-17.084	8.69	-5.27	24.73	0.34	0.35	0.58	3050000	4850000
60	400460								
64.6651152	-16.121	0.94	6.17	19.84	0.30	0.32	0.51	3100000	4850000
70	119740								
64.8275341	-15.147	2.23	4.30	10.20	0.30	0.32	0.52	3150000	4850000
30	020660								
64.9840799	-14.162	1.73	1.85	2.64	0.39	0.40	0.70	3200000	4850000
60	278270								
66.7556499	11.777	0.71	-1.38	1.37	0.37	0.38	0.64	4400000	4850000
70	998980								
66.7403957	12.902	0.62	-1.35	2.51	0.28	0.30	0.48	4450000	4850000
80	199730								
66.7178250	14.024	0.45	-1.31	3.86	0.26	0.29	0.46	4500000	4850000
60	796620								
66.6879577	15.145	0.39	-1.24	5.07	0.25	0.28	0.47	4550000	4850000
60	176550								
66.6508201	16.262	0.48	-1.10	5.76	0.31	0.32	0.54	4600000	4850000
10	734640								
66.6064445	17.376	0.59	-0.94	6.24	0.30	0.30	0.50	4650000	4850000
90	876380								
66.5548696	18.487	0.57	-0.76	6.77	0.29	0.29	0.47	4700000	4850000
80	019730								



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
65.9966676240	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	-14.752082000	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
64.5641560	-13.779605520	1.17	2.06	2.62	0.40	0.40	0.71	3200000	4800000
66.3114682	10.641392700	0.76	-1.44	0.90	0.40	0.40	0.71	4350000	4800000
66.3036978	11.746907720	0.68	-1.46	1.99	0.33	0.33	0.56	4400000	4800000
66.2887394	12.851494900	0.55	-1.45	3.16	0.24	0.25	0.40	4450000	4800000
66.2666057	13.954570780	0.38	-1.37	4.54	0.23	0.27	0.44	4500000	4800000
66.2373153	15.055557320	0.41	-1.24	5.52	0.32	0.34	0.57	4550000	4800000
66.2008931	16.153883930	0.47	-1.09	6.20	0.35	0.36	0.61	4600000	4800000
66.1573696	17.248989470	0.50	-0.90	6.78	0.33	0.33	0.55	4650000	4800000
66.1067811	18.340324070	0.47	-0.72	7.32	0.28	0.28	0.46	4700000	4800000
66.0491693	19.427351000	0.45	-0.56	7.72	0.29	0.29	0.47	4750000	4800000
65.9845815	20.509548260	0.36	-0.39	7.98	0.27	0.27	0.45	4800000	4800000
65.9130700	21.586410210	0.25	-0.20	8.20	0.31	0.31	0.51	4850000	4800000
65.8346921	22.657448950	0.15	-0.01	8.55	0.28	0.28	0.51	4900000	4800000
65.7495098	23.722195620	0.01	0.21	8.65	0.28	0.28	0.51	4950000	4800000
65.6575896	24.780201520	-0.14	0.44	8.42	0.34	0.34	0.57	5000000	4800000
65.5590021	25.831039110	-0.24	0.64	7.98	0.34	0.33	0.58	5050000	4800000
65.4538219	26.874302840	-0.34	0.76	7.44	0.35	0.34	0.60	5100000	4800000
65.3421273	27.909609810	-0.46	0.86	6.85	0.37	0.36	0.64	5150000	4800000
65.2239997	28.936600320	-0.60	0.92	6.23	0.36	0.31	0.62	5200000	4800000
65.0995239	29.954938230	-0.66	0.93	5.45	0.39	0.37	0.67	5250000	4800000
64.9687873	30.964311200	-0.72	0.89	4.57	0.41	0.41	0.73	5300000	4800000
64.8318797	31.964430810	-0.76	0.84	3.66	0.43	0.43	0.79	5350000	4800000
64.6888934	32.955032480	-0.81	0.78	2.72	0.44	0.44	0.83	5400000	4800000
63.3298837	-18.113	-2.73	1.34	13.13	0.39	0.40	0.69	2950000	4750000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
	748220								
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
65.017686880	26.598917920	-0.44	0.81	7.45	0.32	0.31	0.53	5100000	4750000
64.9079683	27.619	-0.56	0.83	6.89	0.38	0.36	0.65	5150000	4750000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
10	115180							0	0
64.79191200	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
64.948542480	22.243148530	-0.09	-0.18	8.86	0.33	0.33	0.56	4900000	4700000
64.8664133	23.275	-0.17	0.11	8.74	0.39	0.39	0.67	4950000	4700000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
50	121050							0	0
64.7777653	24.301050300	-0.27	0.43	8.43	0.39	0.39	0.68	5000000	4700000
64.6826617	25.320546270	-0.37	0.68	7.92	0.36	0.36	0.61	5050000	4700000
64.5811694	26.333237480	-0.49	0.79	7.37	0.36	0.35	0.62	5100000	4700000
64.4733588	27.338771580	-0.63	0.80	6.77	0.37	0.33	0.64	5150000	4700000
64.3593032	28.336815840	-0.73	0.82	6.18	0.36	0.34	0.63	5200000	4700000
64.2390790	29.327057610	-0.81	0.86	5.53	0.30	0.29	0.50	5250000	4700000
64.1127651	30.309204510	-0.82	0.85	4.78	0.27	0.27	0.46	5300000	4700000
63.9804427	31.282984620	-0.81	0.79	3.90	0.39	0.39	0.69	5350000	4700000
63.8421954	32.248146540	-0.82	0.72	2.94	0.42	0.42	0.78	5400000	4700000
63.6981084	33.204459310	-0.87	0.65	1.93	0.44	0.43	0.83	5450000	4700000
63.5482689	34.151712290	-0.91	0.58	0.95	0.44	0.44	0.85	5500000	4700000
64.9568673	9.558515245	0.72	-1.39	1.11	0.39	0.39	0.69	4300000	4650000
64.9563233	10.609661770	0.74	-1.38	2.07	0.32	0.32	0.57	4350000	4650000
64.9489797	11.660521200	0.71	-1.35	3.27	0.29	0.29	0.52	4400000	4650000
64.9348421	12.710599460	0.56	-1.37	4.55	0.31	0.31	0.53	4450000	4650000
64.9139212	13.759405010	0.54	-1.30	5.49	0.22	0.21	0.36	4500000	4650000
64.8862328	14.806450360	0.61	-1.11	6.23	0.29	0.29	0.48	4550000	4650000
64.8517975	15.851253660	0.56	-0.97	6.84	0.26	0.26	0.43	4600000	4650000
64.8106410	16.893340160	0.40	-0.83	7.49	0.26	0.26	0.42	4650000	4650000
64.7627938	17.932243670	0.45	-0.61	8.31	0.31	0.31	0.51	4700000	4650000
64.7082912	18.967507920	0.43	-0.47	8.87	0.25	0.25	0.42	4750000	4650000
64.6471728	19.998687850	0.20	-0.36	9.09	0.33	0.33	0.55	4800000	4650000
64.5794828	21.025350840	-0.04	-0.41	9.13	0.27	0.27	0.44	4850000	4650000
64.5052697	22.047	-0.19	-0.34	8.94	0.30	0.30	0.51	4900000	4650000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
50	077790							0	0
64.4245859	23.063	-0.26	0.08	8.69	0.39	0.38	0.67	495000	465000
40	464210							0	0
64.3374877	24.074	-0.34	0.42	8.29	0.40	0.40	0.70	500000	465000
90	121090							0	0
64.2440352	25.078	-0.40	0.69	7.75	0.38	0.37	0.67	505000	465000
90	675730							0	0
64.1442919	26.076	-0.50	0.83	7.13	0.37	0.35	0.66	510000	465000
20	772450							0	0
64.0383243	27.068	-0.67	0.81	6.54	0.37	0.34	0.66	515000	465000
70	073210							0	0
63.9262023	28.052	-0.76	0.80	5.97	0.37	0.35	0.66	520000	465000
60	258060							0	0
63.8079983	29.029	-0.79	0.82	5.37	0.35	0.32	0.61	525000	465000
90	025550							0	0
63.6837875	29.998	-0.79	0.79	4.72	0.36	0.34	0.61	530000	465000
40	093030							0	0
63.5536471	30.959	-0.76	0.72	3.98	0.38	0.36	0.68	535000	465000
80	196780							0	0
63.4176568	31.912	-0.78	0.66	3.01	0.41	0.39	0.74	540000	465000
20	092100							0	0
63.2758978	32.856	-0.85	0.61	1.93	0.43	0.42	0.81	545000	465000
10	553340							0	0
63.1284531	33.792	-0.90	0.55	0.92	0.44	0.44	0.84	550000	465000
60	373720							0	0
64.4993645	8.5315	0.66	-1.29	0.61	0.39	0.39	0.69	425000	460000
10	81552							0	0
64.5055081	9.5656	0.61	-1.36	1.47	0.35	0.35	0.60	430000	460000
50	18725							0	0
64.5049738	10.599	0.55	-1.41	2.45	0.25	0.25	0.43	435000	460000
70	852610							0	0
64.4977620	11.633	0.49	-1.35	3.81	0.30	0.30	0.50	440000	460000
50	814870							0	0
64.4838779	12.667	0.44	-1.29	5.01	0.35	0.35	0.58	445000	460000
30	038010							0	0
64.4633315	13.699	0.44	-1.21	5.89	0.35	0.35	0.59	450000	460000
90	056830							0	0
64.4361379	14.729	0.47	-1.08	6.64	0.36	0.36	0.61	455000	460000
10	409860							0	0
64.4023164	15.757	0.41	-0.93	7.26	0.34	0.34	0.57	460000	460000
80	640760							0	0
64.3618915	16.783	0.32	-0.78	7.86	0.33	0.33	0.55	465000	460000
80	299690							0	0
64.3148920	17.805	0.32	-0.60	8.53	0.35	0.35	0.58	470000	460000
40	944630							0	0
64.2613511	18.825	0.23	-0.44	9.02	0.33	0.33	0.55	475000	460000
40	142620							0	0
64.2013065	19.840	0.06	-0.32	9.24	0.33	0.33	0.55	480000	460000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
00	470970							0	0
64.1347999	20.851518370	-0.10	-0.26	9.22	0.26	0.26	0.43	4850000	4600000
64.0618772	21.857885930	-0.26	-0.15	8.94	0.33	0.33	0.56	4900000	4600000
63.9825882	22.859188130	-0.37	0.15	8.56	0.38	0.37	0.66	4950000	4600000
63.8969862	23.855053700	-0.43	0.44	8.08	0.39	0.38	0.69	5000000	4600000
63.8051282	24.845126330	-0.46	0.71	7.45	0.36	0.34	0.65	5050000	4600000
63.7070744	25.829065410	-0.54	0.87	6.73	0.34	0.30	0.61	5100000	4600000
63.6028881	26.806546570	-0.71	0.81	6.10	0.38	0.35	0.66	5150000	4600000
63.4926355	27.777262140	-0.80	0.80	5.62	0.38	0.36	0.67	5200000	4600000
63.3763857	28.740921550	-0.80	0.80	5.07	0.37	0.32	0.65	5250000	4600000
63.2542101	29.697251620	-0.78	0.75	4.48	0.37	0.34	0.65	5300000	4600000
63.1261823	30.645996740	-0.72	0.66	3.86	0.36	0.31	0.64	5350000	4600000
62.9923781	31.586918960	-0.75	0.61	2.93	0.38	0.34	0.69	5400000	4600000
62.8528752	32.519798040	-0.84	0.58	1.82	0.42	0.41	0.78	5450000	4600000
62.7077527	33.444431350	-0.89	0.52	0.82	0.44	0.44	0.83	5500000	4600000
64.0356923	7.537621325	0.60	-1.20	0.37	0.36	0.36	0.65	4200000	4550000
64.0482839	8.554730408	0.66	-1.17	0.96	0.28	0.29	0.53	4250000	4550000
64.0543194	9.572468764	0.47	-1.33	2.01	0.28	0.28	0.49	4300000	4550000
64.0537945	10.590393420	0.37	-1.40	3.19	0.27	0.27	0.45	4350000	4550000
64.0467097	11.608060820	0.26	-1.30	4.59	0.27	0.28	0.46	4400000	4550000
64.0330698	12.625028220	0.26	-1.18	5.56	0.36	0.36	0.60	4450000	4550000
64.0128845	13.640854940	0.29	-1.13	6.39	0.38	0.38	0.64	4500000	4550000
63.9861677	14.655103730	0.32	-1.05	7.16	0.36	0.36	0.62	4550000	4550000
63.9529381	15.667342010	0.30	-0.90	7.77	0.37	0.37	0.63	4600000	4550000
63.9132185	16.677	0.23	-0.71	8.28	0.39	0.38	0.66	4650000	4550000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
90	143170							0	0
63.8670364 40	17.684 087740	0.15	-0.50	8.74	0.38	0.38	0.65	470000 0	455000 0
63.8144231 80	18.687 764560	0.00	-0.31	9.10	0.34	0.34	0.57	475000 0	455000 0
63.7554144 50	19.687 771890	-0.19	-0.20	9.23	0.25	0.25	0.42	480000 0	455000 0
63.6900498 50	20.683 718410	-0.28	-0.07	9.10	0.24	0.24	0.40	485000 0	455000 0
63.6183728 40	21.675 224210	-0.39	0.07	8.78	0.33	0.33	0.57	490000 0	455000 0
63.5404305 60	22.661 921660	-0.49	0.25	8.33	0.35	0.33	0.61	495000 0	455000 0
63.4562736 80	23.643 456230	-0.53	0.47	7.77	0.36	0.35	0.64	500000 0	455000 0
63.3659562 20	24.619 487170	-0.62	0.63	7.00	0.35	0.34	0.62	505000 0	455000 0
63.2695353 80	25.589 688190	-0.77	0.70	6.11	0.34	0.33	0.58	510000 0	455000 0
63.1670713 70	26.553 747990	-0.86	0.73	5.62	0.35	0.33	0.61	515000 0	455000 0
63.0586271 80	27.511 370700	-0.88	0.77	5.24	0.37	0.34	0.66	520000 0	455000 0
62.9442684 10	28.462 276280	-0.86	0.77	4.68	0.39	0.37	0.68	525000 0	455000 0
62.8240630 70	29.406 200780	-0.83	0.74	4.02	0.36	0.35	0.62	530000 0	455000 0
62.6980814 10	30.342 896560	-0.81	0.68	3.29	0.32	0.31	0.54	535000 0	455000 0
62.5663956 40	31.272 132420	-0.82	0.62	2.49	0.38	0.36	0.66	540000 0	455000 0
62.4290798 40	32.193 693590	-0.86	0.57	1.56	0.42	0.41	0.77	545000 0	455000 0
62.2862096 80	33.107 381780	-0.89	0.50	0.64	0.44	0.44	0.83	550000 0	455000 0
62.5300652 20	-8.0429 30322	0.01	-0.01	-0.76	0.45	0.45	0.88	340000 0	450000 0
62.6416641 70	-7.1033 94650	0.01	-0.01	-0.74	0.45	0.45	0.88	345000 0	450000 0
62.7474191 30	-6.1575 02502	0.01	-0.01	-0.72	0.45	0.45	0.88	350000 0	450000 0
63.5661797 00	6.5752 54007	0.46	-1.19	0.27	0.37	0.37	0.67	415000 0	450000 0
63.5849884 20	7.5756 53542	0.38	-1.24	1.04	0.26	0.27	0.51	420000 0	450000 0
63.5973625	8.5770	0.44	-1.22	1.73	0.26	0.27	0.48	425000	450000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
20	67797							0	0
63.6032936	9.579078573	0.37	-1.35	2.79	0.26	0.27	0.47	4300000	4500000
63.6027778	10.581265940	0.32	-1.37	3.97	0.28	0.28	0.48	4350000	4500000
63.5958154	11.583209460	0.17	-1.10	5.07	0.31	0.31	0.51	4400000	4500000
63.5824111	12.584489400	0.08	-0.96	5.97	0.33	0.33	0.54	4450000	4500000
63.5625739	13.584687950	0.13	-1.04	6.75	0.35	0.35	0.58	4500000	4500000
63.5363171	14.583390420	0.21	-1.04	7.58	0.25	0.25	0.40	4550000	4500000
63.5036584	15.580186420	0.20	-0.88	8.11	0.33	0.33	0.55	4600000	4500000
63.4646193	16.574671000	0.13	-0.66	8.49	0.38	0.38	0.65	4650000	4500000
63.4192259	17.566445790	0.05	-0.38	8.82	0.36	0.36	0.62	4700000	4500000
63.3675079	18.555120020	-0.09	-0.09	9.08	0.27	0.26	0.49	4750000	4500000
63.3094991	19.540311560	-0.31	-0.03	9.09	0.29	0.28	0.49	4800000	4500000
63.2452371	20.521647880	-0.43	0.05	8.86	0.33	0.33	0.55	4850000	4500000
63.1747632	21.498766900	-0.52	0.21	8.48	0.29	0.29	0.47	4900000	4500000
63.0981219	22.471317870	-0.60	0.37	8.07	0.32	0.32	0.54	4950000	4500000
63.0153615	23.438962070	-0.65	0.53	7.49	0.35	0.33	0.61	5000000	4500000
62.9265333	24.401373530	-0.75	0.62	6.69	0.33	0.32	0.58	5050000	4500000
62.8316915	25.358239560	-0.97	0.59	5.73	0.25	0.25	0.41	5100000	4500000
62.7308936	26.309261360	-0.99	0.66	5.23	0.31	0.30	0.52	5150000	4500000
62.6241994	27.254154380	-0.94	0.74	4.87	0.37	0.35	0.64	5200000	4500000
62.5116713	28.192648740	-0.91	0.75	4.30	0.37	0.35	0.65	5250000	4500000
62.3933742	29.124489480	-0.89	0.70	3.60	0.35	0.34	0.59	5300000	4500000
62.2693751	30.049436790	-0.89	0.67	2.80	0.23	0.23	0.37	5350000	4500000
62.1397427	30.967266130	-0.88	0.61	2.10	0.37	0.37	0.64	5400000	4500000
62.0045480	31.877	-0.87	0.55	1.27	0.42	0.42	0.76	5450000	4500000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
20	768290							0	0
61.8638631	32.780749420	-0.89	0.48	0.43	0.44	0.44	0.82	5500000	4500000
61.9811811	-8.704918319	0.01	-0.01	-0.77	0.45	0.45	0.88	3350000	4450000
62.0967226	-7.783818110	0.01	-0.01	-0.75	0.45	0.45	0.88	3400000	4450000
62.2065609	-6.856410874	0.01	-0.01	-0.73	0.45	0.45	0.88	3450000	4450000
62.3106346	-5.922945078	0.01	-0.01	-0.71	0.45	0.45	0.88	3500000	4450000
63.0911344	5.643140223	0.50	-1.09	0.04	0.38	0.38	0.68	4100000	4450000
63.1159384	6.627079644	0.35	-1.18	0.77	0.31	0.31	0.57	4150000	4450000
63.1344286	7.612376043	0.20	-1.25	1.54	0.27	0.27	0.50	4200000	4450000
63.1465928	8.598635263	0.21	-1.26	2.43	0.25	0.26	0.48	4250000	4450000
63.1524233	9.585460457	0.31	-1.33	3.40	0.29	0.29	0.51	4300000	4450000
63.1519163	10.572453200	0.30	-1.31	4.38	0.28	0.27	0.46	4350000	4450000
63.1450720	11.559214580	0.11	-0.98	5.33	0.29	0.28	0.47	4400000	4450000
63.1318950	12.545346360	-0.02	-0.86	6.14	0.29	0.29	0.49	4450000	4450000
63.1123937	13.530452050	-0.03	-1.04	6.84	0.28	0.28	0.46	4500000	4450000
63.0865809	14.514138010	0.01	-1.03	7.58	0.28	0.28	0.46	4550000	4450000
63.0544731	15.496014570	0.05	-0.86	8.15	0.35	0.35	0.59	4600000	4450000
63.0160909	16.475697050	0.02	-0.63	8.51	0.38	0.38	0.64	4650000	4450000
62.9714589	17.452806790	-0.02	-0.35	8.67	0.30	0.30	0.50	4700000	4450000
62.9206055	18.426972120	-0.14	-0.10	8.79	0.28	0.27	0.47	4750000	4450000
62.8635625	19.397829330	-0.34	0.02	8.80	0.36	0.36	0.62	4800000	4450000
62.8003657	20.365023510	-0.50	0.12	8.53	0.37	0.37	0.63	4850000	4450000
62.7310542	21.328209390	-0.61	0.26	8.13	0.31	0.31	0.52	4900000	4450000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
62.655670490	22.287052120	-0.70	0.45	7.70	0.33	0.33	0.56	4950000	4450000
62.574260240	23.241227960	-0.76	0.63	7.16	0.35	0.34	0.61	5000000	4450000
62.486872270	24.190424890	-0.84	0.74	6.49	0.34	0.33	0.60	5050000	4450000
62.393558260	25.134343240	-0.92	0.70	5.80	0.33	0.32	0.57	5100000	4450000
62.294372700	26.072696090	-0.95	0.71	5.19	0.34	0.33	0.59	5150000	4450000
62.189372660	27.005209790	-0.92	0.74	4.61	0.36	0.34	0.61	5200000	4450000
62.078617640	27.931624240	-0.91	0.73	4.02	0.35	0.33	0.61	5250000	4450000
61.962169410	28.851693200	-0.90	0.65	3.35	0.33	0.28	0.59	5300000	4450000
61.840091830	29.765184510	-0.92	0.61	2.59	0.36	0.35	0.62	5350000	4450000
61.712450690	30.671880240	-0.90	0.58	1.80	0.40	0.39	0.70	5400000	4450000
61.579313540	31.571576730	-0.89	0.52	1.01	0.42	0.42	0.77	5450000	4450000
61.549192370	-8.442452411	0.02	-0.01	-0.76	0.45	0.45	0.88	3350000	4400000
61.662953600	-7.532868594	0.02	-0.01	-0.75	0.45	0.45	0.88	3400000	4400000
61.771086180	-6.617266632	0.02	-0.01	-0.73	0.45	0.45	0.88	3450000	4400000
61.873531540	-5.695886383	0.02	-0.01	-0.71	0.45	0.45	0.88	3500000	4400000
62.610845250	4.739984393	0.43	-0.99	-0.17	0.38	0.38	0.68	4050000	4400000
62.641431540	5.707738382	0.49	-1.04	0.50	0.31	0.31	0.54	4100000	4400000
62.665823530	6.677152126	0.42	-1.10	1.19	0.27	0.27	0.47	4150000	4400000
62.684006020	7.647854660	0.23	-1.16	1.81	0.24	0.25	0.46	4200000	4400000
62.695967670	8.619471549	0.24	-1.20	2.60	0.29	0.29	0.51	4250000	4400000
62.701701000	9.591625893	0.28	-1.24	3.57	0.34	0.35	0.58	4300000	4400000
62.701202410	10.563939330	0.21	-1.21	4.54	0.35	0.36	0.60	4350000	4400000
62.6944722	11.536	0.13	-1.08	5.38	0.35	0.35	0.59	440000	440000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
61.436124270	-5.475983422	0.04	-0.02	-0.70	0.45	0.45	0.87	3500000	4350000
62.125582132	3.864536481	0.35	-0.91	-0.35	0.40	0.40	0.72	4000000	4350000
62.161746430	4.816400009	0.24	-0.98	0.30	0.31	0.31	0.57	4050000	4350000
62.191834530	5.770190069	0.36	-1.03	1.02	0.26	0.26	0.46	4100000	4350000
62.215828450	6.725557954	0.54	-1.09	1.88	0.24	0.24	0.39	4150000	4350000
62.233713760	7.682150872	0.38	-1.08	2.13	0.26	0.26	0.44	4200000	4350000
62.245479700	8.639612837	0.38	-1.09	2.64	0.24	0.24	0.40	4250000	4350000
62.251119160	9.597585597	0.31	-1.17	3.69	0.30	0.31	0.51	4300000	4350000
62.250628730	10.555709560	0.14	-1.21	4.79	0.30	0.31	0.51	4350000	4350000
62.244008710	11.513624730	0.11	-1.14	5.48	0.33	0.33	0.55	4400000	4350000
62.231263090	12.470971680	0.14	-1.07	6.06	0.27	0.27	0.45	4450000	4350000
62.212399590	13.427392440	0.11	-1.02	6.73	0.27	0.28	0.46	4500000	4350000
62.187429540	14.382531480	-0.04	-0.92	7.43	0.27	0.27	0.44	4550000	4350000
62.156367940	15.336036610	-0.13	-0.77	7.93	0.32	0.32	0.54	4600000	4350000
62.119233360	16.287559860	-0.19	-0.62	8.26	0.37	0.37	0.63	4650000	4350000
62.076047880	17.236758340	-0.28	-0.48	8.51	0.30	0.30	0.50	4700000	4350000
62.026837040	18.183295120	-0.38	-0.27	8.46	0.33	0.33	0.55	4750000	4350000
61.843357520	21.003671260	-0.74	0.30	7.26	0.37	0.36	0.64	4900000	4350000
61.770366390	21.936337490	-0.81	0.47	6.78	0.36	0.36	0.62	4950000	4350000
61.691526050	22.864772700	-0.86	0.63	6.29	0.36	0.36	0.62	5000000	4350000
61.606880670	23.788690740	-0.91	0.72	5.87	0.29	0.28	0.50	5050000	4350000
61.516477110	24.707816000	-0.91	0.70	5.26	0.30	0.30	0.53	5100000	4350000
61.420364780	25.621883840	-0.88	0.65	4.53	0.35	0.34	0.60	5150000	4350000
61.318595520	26.530640990	-0.86	0.69	3.97	0.33	0.32	0.55	5200000	4350000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east in g	north in g
61.211223430	27.433845880	-0.90	0.67	3.41	0.32	0.32	0.54	5250000	4350000
61.098304730	28.331268910	-0.96	0.57	2.78	0.33	0.31	0.58	5300000	4350000
60.979897620	29.222692670	-0.95	0.52	2.02	0.33	0.31	0.57	5350000	4350000
60.856062130	30.107912090	-0.89	0.54	1.23	0.34	0.33	0.57	5400000	4350000
61.677144477	3.951877000	0.23	-0.90	0.06	0.38	0.38	0.69	4000000	4300000
61.712731220	4.890321547	0.08	-0.91	0.80	0.24	0.24	0.49	4050000	4300000
61.742337710	5.830599220	0.16	-0.99	1.46	0.30	0.30	0.53	4100000	4300000
61.765946830	6.772378014	0.35	-1.05	2.18	0.30	0.30	0.51	4150000	4300000
61.783544890	7.715322160	0.31	-1.05	2.56	0.34	0.34	0.57	4200000	4300000
61.795121660	8.659092951	0.27	-1.06	3.07	0.31	0.31	0.52	4250000	4300000
61.800670400	9.603349587	0.17	-1.10	3.98	0.28	0.27	0.47	4300000	4300000
61.800187860	10.547750040	0.01	-1.17	4.94	0.29	0.29	0.49	4350000	4300000
61.793674330	11.491951900	0.06	-1.16	5.58	0.31	0.30	0.50	4400000	4300000
61.781133600	12.435613280	0.17	-1.10	6.06	0.28	0.28	0.46	4450000	4300000
61.762572990	13.378393670	0.09	-1.01	6.68	0.33	0.33	0.54	4500000	4300000
61.738003290	14.319954760	-0.06	-0.87	7.29	0.30	0.30	0.50	4550000	4300000
61.707438730	15.259961330	-0.18	-0.71	7.71	0.34	0.34	0.57	4600000	4300000
61.670896950	16.198082070	-0.26	-0.56	7.97	0.38	0.38	0.65	4650000	4300000
61.628398940	17.133990330	-0.36	-0.41	8.09	0.38	0.38	0.65	4700000	4300000
61.579968980	18.067364970	-0.46	-0.22	8.01	0.39	0.39	0.67	4750000	4300000
61.399377610	20.849172900	-0.78	0.33	6.79	0.33	0.33	0.56	4900000	4300000
61.327525300	21.769335980	-0.85	0.47	6.22	0.26	0.25	0.42	4950000	4300000
61.249908650	22.685466230	-0.88	0.59	5.75	0.35	0.35	0.60	5000000	4300000
61.166569720	23.597289440	-0.91	0.64	5.20	0.34	0.33	0.58	5050000	4300000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
61.0775531	24.504541170	-0.91	0.61	4.61	0.34	0.33	0.59	5100000	4300000
60.9829061	25.406967160	-0.89	0.50	3.89	0.28	0.25	0.54	5150000	4300000
60.8826779	26.304323710	-0.94	0.60	3.41	0.34	0.33	0.59	5200000	4300000
60.7769203	27.196377990	-0.96	0.65	2.96	0.30	0.30	0.51	5250000	4300000
60.6656870	28.082908310	-0.95	0.60	2.39	0.30	0.30	0.50	5300000	4300000
60.5490335	28.963704320	-0.89	0.55	1.69	0.33	0.32	0.54	5350000	4300000
60.4270172	29.838567220	-0.84	0.55	0.99	0.21	0.21	0.35	5400000	4300000
60.8207424	-2.367346620	0.13	-0.02	-0.55	0.42	0.42	0.77	3650000	4250000
60.8962673	-1.462531529	0.13	-0.01	-0.51	0.41	0.41	0.75	3700000	4250000
60.9661041	-0.553912798	0.10	-0.01	-0.46	0.42	0.42	0.77	3750000	4250000
61.2287665	4.036417437	0.17	-0.90	0.38	0.38	0.38	0.68	4000000	4250000
61.2637946	4.961867512	0.03	-0.92	1.08	0.31	0.30	0.55	4050000	4250000
61.2929352	5.889063151	-0.01	-0.95	1.74	0.27	0.23	0.48	4100000	4250000
61.3161722	6.817688024	0.07	-0.97	2.25	0.35	0.34	0.59	4150000	4250000
61.3334924	7.747422328	0.08	-1.00	2.78	0.36	0.36	0.62	4200000	4250000
61.3448863	8.677943548	0.00	-1.04	3.39	0.32	0.31	0.55	4250000	4250000
61.3503473	9.608927238	-0.08	-1.06	4.19	0.28	0.27	0.49	4300000	4250000
61.3498724	10.540047820	-0.12	-1.10	4.97	0.29	0.27	0.49	4350000	4250000
61.3434618	11.470979370	-0.03	-1.11	5.55	0.28	0.28	0.47	4400000	4250000
61.3311192	12.401396450	0.15	-1.12	6.00	0.23	0.24	0.40	4450000	4250000
61.3128516	13.330974860	0.03	-0.97	6.57	0.30	0.30	0.50	4500000	4250000
61.2886690	14.259392460	-0.07	-0.81	7.08	0.23	0.24	0.39	4550000	4250000
61.2585852	15.186329970	-0.21	-0.65	7.40	0.35	0.35	0.58	4600000	4250000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
60.8436212	5.945673077	-0.04	-0.94	1.77	0.31	0.29	0.53	4100000	4200000
60.8664981	6.8615	-0.04	-0.90	2.31	0.34	0.33	0.57	415000	420000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
10	58946							0	0
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
59.7991740	27.608210420	-0.76	0.43	1.74	0.32	0.32	0.53	5300000	4200000
59.6858753	28.468	-0.75	0.34	1.21	0.31	0.31	0.53	5350000	4200000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
50	523750							0	0
59.5673411	29.323402820	-0.70	0.33	0.85	0.35	0.35	0.59	5400000	4200000
60									
59.4883282	-6.388460991	0.22	-0.12	-0.87	0.43	0.43	0.80	3400000	4150000
30									
59.5886770	-5.527405493	0.22	-0.13	-0.79	0.43	0.43	0.80	3450000	4150000
10									
59.7733493	-3.791701237	0.25	-0.13	-0.59	0.42	0.42	0.76	3550000	4150000
00									
59.8575853	-2.917481246	0.26	-0.10	-0.51	0.40	0.41	0.72	3600000	4150000
90									
59.9363665	-2.039316134	0.27	-0.07	-0.46	0.36	0.36	0.62	3650000	4150000
90									
60.0096544	-1.157441225	0.29	-0.03	-0.42	0.23	0.23	0.38	3700000	4150000
80									
60.0774129	-0.272099601	0.19	-0.02	-0.40	0.37	0.37	0.64	3750000	4150000
40									
60.3321726	4.197612195	0.15	-0.96	0.78	0.37	0.37	0.65	4000000	4150000
00									
60.3661364	5.098270277	0.13	-1.07	1.61	0.22	0.22	0.37	4050000	4150000
00									
60.3943897	6.000514582	0.00	-0.98	1.92	0.32	0.31	0.52	4100000	4150000
80									
60.4169180	6.904057344	-0.08	-0.82	2.30	0.28	0.28	0.46	4150000	4150000
10									
60.4337092	7.808607828	-0.15	-0.97	2.79	0.26	0.26	0.43	4200000	4150000
90									
60.4447548	8.713872984	-0.20	-1.28	3.41	0.24	0.23	0.41	4250000	4150000
20									
60.4500487	9.619558114	-0.16	-1.14	4.07	0.32	0.31	0.53	4300000	4150000
90									
60.4495884	10.525367550	-0.15	-1.05	4.66	0.28	0.28	0.49	4350000	4150000
10									
60.4433739	11.431005340	-0.35	-0.94	5.22	0.28	0.27	0.49	4400000	4150000
30									
60.4314086	12.336175910	-0.64	-0.77	5.88	0.25	0.25	0.44	4450000	4150000
10									
60.4136987	13.240584800	-0.64	-0.65	6.28	0.30	0.30	0.51	4500000	4150000
40									
60.3902536	14.143939280	-0.50	-0.61	6.48	0.34	0.34	0.58	4550000	4150000
20									
60.3610855	15.045949040	-0.46	-0.50	6.56	0.34	0.34	0.56	4600000	4150000
10									

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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
59.493969810	-1.882652651	0.31	-0.10	-0.41	0.38	0.38	0.66	3650000	4100000
59.566189830	-1.011765678	0.24	-0.06	-0.40	0.38	0.38	0.67	3700000	4100000
59.632956460	-0.137565986	0.17	-0.03	-0.38	0.41	0.41	0.73	3750000	4100000
59.883947560	4.274504175	0.11	-0.91	0.76	0.38	0.38	0.67	4000000	4100000
59.917404180	5.163329277	0.02	-0.97	1.43	0.32	0.32	0.55	4050000	4100000
59.945234790	6.053668041	-0.10	-0.94	1.85	0.32	0.32	0.54	4100000	4100000
59.967425360	6.945245727	-0.19	-0.98	2.21	0.27	0.27	0.44	4150000	4100000
59.983964640	7.837784845	-0.25	-1.04	2.68	0.30	0.30	0.50	4200000	4100000
59.994844250	8.731005759	-0.26	-1.11	3.29	0.32	0.32	0.53	4250000	4100000
60.000058650	9.624627310	-0.24	-1.09	3.90	0.29	0.29	0.49	4300000	4100000
59.999605200	10.518367440	-0.24	-1.06	4.45	0.24	0.24	0.41	4350000	4100000
59.993484110	11.411943830	-0.43	-0.96	4.94	0.28	0.27	0.49	4400000	4100000
59.981698500	12.305074520	-0.67	-0.78	5.54	0.32	0.32	0.53	4450000	4100000
59.964254380	13.197478550	-0.71	-0.66	5.89	0.32	0.32	0.54	4500000	4100000
59.941160580	14.088876590	-0.61	-0.59	6.03	0.36	0.36	0.61	4550000	4100000
59.912428780	14.978991550	-0.58	-0.46	6.02	0.39	0.39	0.66	4600000	4100000
59.878073490	15.867549190	-0.60	-0.34	5.92	0.39	0.39	0.67	4650000	4100000
59.838111930	16.754278690	-0.67	-0.22	5.75	0.35	0.35	0.59	4700000	4100000
59.792564060	17.638913250	-0.74	-0.11	5.51	0.20	0.20	0.35	4750000	4100000
59.741452490	18.521190620	-0.73	0.04	5.30	0.33	0.33	0.57	4800000	4100000
59.684802430	19.400853650	-0.78	0.17	5.07	0.36	0.36	0.62	4850000	4100000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
59.4819108 10	22.021 671460	-0.80	0.37	3.53	0.37	0.37	0.65	500000 0	410000 0
59.4034082 10	22.888 423920	-0.79	0.37	2.86	0.34	0.34	0.59	505000 0	410000 0
59.3195294 70	23.751 368850	-0.86	0.27	2.45	0.30	0.30	0.50	510000 0	410000 0
59.2303137 20	24.610 289010	-0.86	0.15	2.23	0.22	0.22	0.36	515000 0	410000 0
59.1358021 20	25.464 975060	-0.77	0.28	2.02	0.23	0.23	0.38	520000 0	410000 0
59.0360377 00	26.315 225870	-0.78	0.37	1.51	0.24	0.23	0.39	525000 0	410000 0
58.9310653 10	27.160 848690	-0.81	0.34	1.15	0.22	0.22	0.38	530000 0	410000 0
58.8209315 10	28.001 659440	-0.72	0.22	0.65	0.33	0.32	0.55	535000 0	410000 0
58.7056844 30	28.837 482800	-0.65	0.14	0.14	0.39	0.39	0.68	540000 0	410000 0
58.5853736 90	29.668 152350	-0.62	0.09	-0.35	0.42	0.42	0.75	545000 0	410000 0
58.1748026 80	- 9.2953 09108	0.19	-0.06	-0.93	0.43	0.44	0.82	320000 0	405000 0
58.2926833 60	- 8.4728 23206	0.30	-0.09	-0.99	0.42	0.42	0.77	325000 0	405000 0
58.4055498 60	- 7.6454 19663	0.43	-0.13	-1.05	0.39	0.40	0.70	330000 0	405000 0
58.5133548 40	- 6.8132 61311	0.56	-0.21	-1.12	0.32	0.33	0.58	335000 0	405000 0
58.6160524 30	- 5.9765 19315	0.51	-0.29	-1.02	0.31	0.31	0.58	340000 0	405000 0
58.7135983 00	- 5.1353 73035	0.44	-0.26	-0.77	0.38	0.38	0.67	345000 0	405000 0
58.8059497 90	- 4.2900 09868	0.43	-0.30	-0.60	0.35	0.35	0.62	350000 0	405000 0
58.8930660 10	- 3.4406 25045	0.49	-0.31	-0.44	0.28	0.29	0.50	355000 0	405000 0
58.9749079 10	- 2.5874 21403	0.49	-0.23	-0.32	0.26	0.29	0.47	360000 0	405000 0
59.0514383 80	- 1.7306 09122	0.32	-0.13	-0.35	0.39	0.39	0.68	365000 0	405000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
59.122622360	-0.870405429	0.22	-0.07	-0.37	0.42	0.42	0.75	3700000	4050000
59.435764210	4.349072544	0.02	-0.83	0.55	0.37	0.37	0.67	4000000	4050000
59.468729300	5.226418091	-0.11	-0.84	1.03	0.27	0.26	0.50	4050000	4050000
59.496150220	6.105209017	-0.23	-0.79	1.44	0.20	0.21	0.43	4100000	4050000
59.518013590	6.985182849	-0.29	-0.92	1.92	0.29	0.29	0.50	4150000	4050000
59.534308700	7.866074564	-0.34	-0.94	2.40	0.31	0.31	0.52	4200000	4050000
59.545027550	8.747617153	-0.37	-0.94	2.95	0.23	0.25	0.44	4250000	4050000
59.550164860	9.629542191	-0.42	-0.93	3.44	0.23	0.23	0.42	4300000	4050000
59.549718110	10.511580420	-0.42	-1.00	3.78	0.28	0.28	0.47	4350000	4050000
59.543687510	11.393462350	-0.49	-0.97	4.40	0.34	0.34	0.58	4400000	4050000
59.532076040	12.274918810	-0.60	-0.86	4.97	0.35	0.35	0.60	4450000	4050000
59.514889400	13.155681560	-0.63	-0.74	5.42	0.27	0.27	0.44	4500000	4050000
59.492136030	14.035483880	-0.62	-0.60	5.56	0.31	0.31	0.51	4550000	4050000
59.463827070	14.914061110	-0.63	-0.46	5.45	0.39	0.39	0.67	4600000	4050000
59.429976330	15.791151230	-0.67	-0.33	5.33	0.39	0.39	0.68	4650000	4050000
59.390600250	16.666495430	-0.70	-0.19	5.16	0.36	0.36	0.61	4700000	4050000
59.345717870	17.539838600	-0.75	-0.07	4.91	0.25	0.25	0.44	4750000	4050000
59.295350760	18.410929840	-0.68	0.02	4.53	0.25	0.25	0.48	4800000	4050000
59.239522980	19.279523000	-0.76	0.13	4.33	0.38	0.38	0.66	4850000	4050000
59.178260980	20.145377090	-0.81	0.20	4.02	0.40	0.40	0.71	4900000	4050000
59.039551900	21.867932720	-0.73	0.28	3.02	0.35	0.35	0.62	5000000	4050000
58.962169190	22.724182030	-0.64	0.34	2.22	0.21	0.20	0.40	5050000	4050000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
58.6983389	25.270244780	-0.81	0.24	1.64	0.25	0.25	0.43	5200000	4050000
58.5999658	26.110698760	-0.84	0.22	1.10	0.26	0.26	0.44	5250000	4050000
58.4964480	26.946719210	-0.81	0.18	0.71	0.26	0.26	0.43	5300000	4050000
58.3878301	27.778128080	-0.65	0.14	0.36	0.30	0.30	0.51	5350000	4050000
58.2741581	28.604755530	-0.60	0.08	-0.13	0.38	0.38	0.67	5400000	4050000
58.1554796	29.426440060	-0.59	0.02	-0.60	0.42	0.42	0.76	5450000	4050000
57.7441624	-9.061651319	0.24	-0.08	-0.95	0.42	0.42	0.78	3200000	4000000
57.8604641	-8.247980551	0.38	-0.12	-1.01	0.39	0.39	0.70	3250000	4000000
57.9718080	-7.429591510	0.56	-0.14	-1.03	0.35	0.36	0.61	3300000	4000000
58.0781487	-6.606642147	0.79	-0.16	-1.04	0.25	0.27	0.44	3350000	4000000
58.1794423	-5.779298220	0.68	-0.23	-0.82	0.31	0.32	0.53	3400000	4000000
58.2756462	-4.947733172	0.51	-0.26	-0.56	0.37	0.37	0.63	3450000	4000000
58.3667197	-4.112127961	0.46	-0.31	-0.44	0.32	0.32	0.57	3500000	4000000
58.4526236	-3.272670869	0.46	-0.30	-0.34	0.30	0.31	0.54	3550000	4000000
58.5333205	-2.429557288	0.40	-0.20	-0.27	0.36	0.36	0.62	3600000	4000000
58.6087749	-1.582989461	0.29	-0.12	-0.31	0.40	0.41	0.72	3650000	4000000
58.9876176	4.421419228	-0.01	-0.74	0.35	0.37	0.37	0.66	4000000	4000000
59.0201062	5.287623389	-0.15	-0.72	0.63	0.25	0.25	0.44	4050000	4000000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
57.725097230	29.191390650	-0.56	-0.03	-0.74	0.42	0.41	0.75	5450000	4000000
57.603103110	29.999400790	-0.56	-0.10	-1.15	0.43	0.43	0.81	5500000	4000000
57.313056780	-8.834366644	0.25	-0.10	-0.98	0.40	0.41	0.73	3200000	3950000
57.427822100	-8.029312563	0.42	-0.16	-1.02	0.33	0.34	0.57	3250000	3950000
57.537684900	-7.219729464	0.61	-0.18	-0.95	0.22	0.24	0.40	3300000	3950000
57.642601660	-6.405770544	0.62	-0.21	-0.65	0.32	0.33	0.55	3350000	3950000
57.742530210	-5.587596328	0.60	-0.23	-0.30	0.31	0.32	0.53	3400000	3950000
57.837429850	-4.765374539	0.50	-0.23	-0.18	0.33	0.34	0.56	3450000	3950000
57.927261450	-3.939279943	0.44	-0.23	-0.14	0.33	0.33	0.56	3500000	3950000
58.011987510	-3.109494157	0.41	-0.18	-0.09	0.32	0.33	0.55	3550000	3950000
58.091572270	-2.276205445	0.33	-0.12	-0.17	0.37	0.37	0.64	3600000	3950000
58.165981770	-1.439608471	0.24	-0.08	-0.27	0.41	0.41	0.74	3650000	3950000
58.539503020	4.491640260	0.00	-0.69	0.23	0.39	0.39	0.69	4000000	3950000
58.571529270	5.347026808	-0.05	-0.72	0.73	0.29	0.29	0.48	4050000	3950000
58.598167770	6.203733785	-0.18	-0.76	1.07	0.26	0.25	0.42	4100000	3950000
58.619406340	7.061521192	-0.34	-0.80	1.29	0.27	0.24	0.44	4150000	3950000
58.635235210	7.920146832	-0.43	-0.78	1.74	0.28	0.27	0.45	4200000	3950000
58.645647110	8.779366794	-0.47	-0.80	2.19	0.29	0.28	0.46	4250000	3950000
58.650637240	9.638935950	-0.44	-0.86	2.63	0.29	0.29	0.48	4300000	3950000
58.650203290	10.498608450	-0.36	-0.88	3.05	0.31	0.31	0.52	4350000	3950000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
58.6443454 60	11.358 138250	-0.34	-0.92	3.49	0.26	0.27	0.45	440000 0	395000 0
58.6330664 50	12.217 279560	-0.57	-0.96	3.65	0.24	0.25	0.42	445000 0	395000 0
58.6163714 70	13.075 787440	-0.63	-0.79	3.89	0.36	0.36	0.61	450000 0	395000 0
58.5942682 00	13.933 418200	-0.67	-0.63	4.08	0.38	0.38	0.65	455000 0	395000 0
58.5667667 70	14.789 929970	-0.70	-0.48	4.13	0.38	0.38	0.66	460000 0	395000 0
58.5338797 80	15.645 083150	-0.72	-0.36	4.03	0.32	0.32	0.54	465000 0	395000 0
58.4956222 00	16.498 640890	-0.71	-0.23	3.84	0.24	0.24	0.41	470000 0	395000 0
58.4520113 70	17.350 369540	-0.64	-0.08	3.58	0.31	0.31	0.56	475000 0	395000 0
58.4030669 80	18.200 039110	-0.69	-0.04	3.32	0.37	0.37	0.64	480000 0	395000 0
58.3488109 60	19.047 423700	-0.75	-0.01	3.09	0.39	0.39	0.69	485000 0	395000 0
58.2892674 60	19.892 301880	-0.79	0.03	2.89	0.41	0.41	0.72	490000 0	395000 0
58.1544253 80	21.573 678100	-0.83	0.10	2.54	0.34	0.34	0.58	500000 0	395000 0
58.0791856 30	22.409 759090	-0.86	0.21	2.27	0.28	0.28	0.46	505000 0	395000 0
57.9987759 30	23.242 500250	-0.82	0.26	1.67	0.28	0.28	0.47	510000 0	395000 0
57.9132305 30	24.071 707930	-0.59	0.12	1.10	0.26	0.26	0.44	515000 0	395000 0
57.8225854 80	24.897 194900	-0.52	-0.01	0.70	0.27	0.27	0.48	520000 0	395000 0
57.7268785 40	25.718 780640	-0.67	-0.05	0.49	0.26	0.26	0.45	525000 0	395000 0
57.6261491 10	26.536 291500	-0.70	-0.05	0.26	0.25	0.25	0.41	530000 0	395000 0
57.5204381 10	27.349 560880	-0.60	0.06	-0.07	0.23	0.22	0.39	535000 0	395000 0
57.4097879 40	28.158 429440	-0.57	0.00	-0.39	0.35	0.35	0.62	540000 0	395000 0
57.2942423 50	28.962 745160	-0.55	-0.07	-0.78	0.41	0.41	0.74	545000 0	395000 0
57.1738463 70	29.762 363470	-0.52	-0.14	-1.18	0.43	0.43	0.80	550000 0	395000 0
56.8815002 10	- 8.6132 09857	0.21	-0.11	-1.00	0.39	0.40	0.70	320000 0	390000 0
56.9947702 30	- 7.8165	0.31	-0.18	-1.03	0.26	0.29	0.47	325000 0	390000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
	79388								
57.1031919 20	-7.0155 99655	0.37	-0.22	-0.89	0.28	0.29	0.47	330000 0	390000 0
57.2067235 20	-6.2104 19236	0.38	-0.25	-0.32	0.30	0.30	0.50	335000 0	390000 0
57.3053245 70	-5.4011 93584	0.45	-0.24	0.27	0.21	0.24	0.39	340000 0	390000 0
57.3989560 50	-4.5880 84908	0.42	-0.19	0.33	0.24	0.25	0.40	345000 0	390000 0
57.4875804 60	-3.7712 62013	0.41	-0.19	0.20	0.27	0.27	0.45	350000 0	390000 0
57.5711618 70	-2.9509 00123	0.39	-0.09	0.19	0.21	0.24	0.38	355000 0	390000 0
57.6496660 30	-2.1271 80680	0.28	-0.03	-0.08	0.33	0.34	0.58	360000 0	390000 0
57.7230604 20	-1.3002 91110	0.20	-0.04	-0.27	0.40	0.40	0.72	365000 0	390000 0
58.1229927 90	5.4047 05319	-0.09	-0.65	0.48	0.35	0.35	0.61	405000 0	390000 0
58.1492575 10	6.2508 47662	-0.23	-0.62	0.76	0.28	0.27	0.50	410000 0	390000 0
58.1701976 10	7.0980 23526	-0.34	-0.67	0.86	0.26	0.25	0.45	415000 0	390000 0
58.1858037 90	7.9460 01171	-0.36	-0.78	1.11	0.23	0.23	0.40	420000 0	390000 0
58.1960690 80	8.7945 47262	-0.42	-0.79	1.68	0.32	0.31	0.51	425000 0	390000 0
58.2009889 10	9.6434 27329	-0.37	-0.80	2.09	0.34	0.34	0.57	430000 0	390000 0
58.2005610 70	10.492 406240	-0.27	-0.77	2.56	0.33	0.33	0.56	435000 0	390000 0
58.1947857 60	11.341 248660	-0.18	-0.76	3.01	0.27	0.27	0.46	440000 0	390000 0
58.1836655 50	12.189 719530	-0.43	-0.84	2.97	0.28	0.29	0.49	445000 0	390000 0
58.1672054 20	13.037 584530	-0.59	-0.76	3.11	0.31	0.32	0.54	450000 0	390000 0
58.1454126 90	13.884 610560	-0.67	-0.61	3.39	0.34	0.34	0.57	455000 0	390000 0
58.1182970 60	14.730 566160	-0.71	-0.47	3.46	0.36	0.36	0.61	460000 0	390000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
58.0858705	15.575222020	-0.71	-0.34	3.34	0.37	0.37	0.62	4650000	3900000
58.0481474	16.418351350	-0.67	-0.23	3.13	0.36	0.36	0.61	4700000	3900000
58.0051443	17.259730380	-0.64	-0.14	2.88	0.36	0.36	0.61	4750000	3900000
57.9568801	18.099138730	-0.68	-0.10	2.65	0.32	0.32	0.54	4800000	3900000
57.9033756	18.936359810	-0.74	-0.07	2.47	0.35	0.35	0.59	4850000	3900000
57.8446539	19.771181240	-0.77	-0.05	2.32	0.40	0.40	0.69	4900000	3900000
57.7116619	21.432798580	-0.85	-0.03	2.16	0.31	0.31	0.53	5000000	3900000
57.6374479	22.259193760	-0.86	0.04	1.82	0.27	0.27	0.44	5050000	3900000
57.5581291	23.082388440	-0.78	0.12	1.16	0.28	0.28	0.47	5100000	3900000
57.4737385	23.902196130	-0.60	0.02	0.66	0.30	0.30	0.50	5150000	3900000
57.3843105	24.718436360	-0.51	-0.07	0.35	0.26	0.26	0.44	5200000	3900000
57.2898813	25.530934920	-0.66	-0.05	0.42	0.25	0.24	0.41	5250000	3900000
57.1904887	26.339524060	-0.73	-0.06	0.43	0.26	0.26	0.44	5300000	3900000
57.0861720	27.144042640	-0.68	0.01	0.15	0.23	0.23	0.40	5350000	3900000
56.9769717	27.944336300	-0.58	-0.05	-0.27	0.34	0.34	0.59	5400000	3900000
56.8629299	28.740257560	-0.52	-0.12	-0.73	0.40	0.40	0.71	5450000	3900000
56.7440898	29.531665970	-0.47	-0.17	-1.14	0.42	0.42	0.77	5500000	3900000
56.5613205	-7.609553192	0.12	-0.07	-1.18	0.32	0.34	0.57	3250000	3850000
56.6683396	-6.816980074	0.04	-0.04	-1.18	0.25	0.30	0.47	3300000	3850000
56.7705234	-6.020372607	0.14	-0.19	-0.28	0.25	0.26	0.42	3350000	3850000
56.8678330	-5.219881339	0.24	-0.18	0.39	0.29	0.29	0.48	3400000	3850000
56.9602311	-4.415663156	0.30	-0.15	0.69	0.27	0.29	0.46	3450000	3850000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
57.047681730	-3.607881133	0.36	-0.23	0.59	0.23	0.25	0.41	3500000	3850000
57.130150350	-2.796704360	0.32	-0.05	0.28	0.27	0.28	0.47	3550000	3850000
57.207604190	-1.982307747	0.23	-0.05	-0.18	0.24	0.26	0.49	3600000	3850000
57.280012100	-1.164871807	0.17	-0.04	-0.32	0.39	0.39	0.71	3650000	3850000
57.700392890	6.296609792	-0.24	-0.58	0.33	0.36	0.36	0.65	4100000	3850000
57.721043300	7.133477268	-0.32	-0.62	0.47	0.33	0.32	0.58	4150000	3850000
57.736433330	7.971112111	-0.34	-0.71	0.70	0.32	0.32	0.55	4200000	3850000
57.746556340	8.809290973	-0.37	-0.74	1.09	0.35	0.35	0.59	4250000	3850000
57.751407940	9.647789449	-0.36	-0.73	1.43	0.29	0.29	0.49	4300000	3850000
57.750986040	10.486382520	-0.33	-0.71	1.76	0.31	0.31	0.52	4350000	3850000
57.745290810	11.324844960	-0.35	-0.70	2.03	0.30	0.30	0.51	4400000	3850000
57.734324720	12.162951840	-0.39	-0.68	2.15	0.20	0.21	0.36	4450000	3850000
57.718092530	13.000478880	-0.51	-0.52	2.37	0.18	0.19	0.33	4500000	3850000
57.696601230	13.837202940	-0.67	-0.54	2.77	0.22	0.22	0.36	4550000	3850000
57.669860090	14.672902440	-0.72	-0.43	2.78	0.32	0.32	0.54	4600000	3850000
57.637880590	15.507357750	-0.71	-0.29	2.65	0.36	0.36	0.62	4650000	3850000
57.600676420	16.340351640	-0.61	-0.19	2.44	0.33	0.33	0.59	4700000	3850000
57.558263430	17.171669660	-0.55	-0.20	2.16	0.31	0.31	0.56	4750000	3850000
57.510659590	18.001100530	-0.62	-0.16	1.99	0.28	0.28	0.47	4800000	3850000
57.457884960	18.828436500	-0.69	-0.14	1.86	0.33	0.33	0.55	4850000	3850000
57.399961640	19.653473740	-0.71	-0.13	1.75	0.39	0.40	0.69	4900000	3850000
57.336913700	20.476012660	-0.73	-0.13	1.63	0.39	0.39	0.68	4950000	3850000
57.2687671	21.295	-0.74	-0.12	1.46	0.34	0.34	0.58	5000000	3850000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east ing	northi ng
50	858200							0	0
57.1955498	22.112	-0.73	-0.01	1.05	0.28	0.28	0.47	505000	385000
70	820200							0	0
57.1172915	22.926	-0.69	0.05	0.51	0.25	0.25	0.42	510000	385000
30	713630							0	0
57.0340235	23.737	-0.56	-0.07	0.21	0.22	0.22	0.37	515000	385000
50	358850							0	0
56.9457790	24.544	-0.43	-0.01	0.24	0.22	0.22	0.37	520000	385000
20	581870							0	0
56.8525926	25.348	-0.54	-0.01	0.33	0.28	0.27	0.46	525000	385000
30	214540							0	0
56.7545005	26.148	-0.64	-0.09	0.50	0.24	0.24	0.40	530000	385000
70	094780							0	0
56.6515405	26.944	-0.62	-0.11	0.22	0.27	0.27	0.46	535000	385000
00	066700							0	0
56.5437514	27.735	-0.54	-0.12	-0.18	0.29	0.29	0.50	540000	385000
60	980780							0	0
56.4311737	28.523	-0.44	-0.16	-0.69	0.38	0.38	0.65	545000	385000
60	693990							0	0
56.3138489	29.307	-0.38	-0.21	-1.10	0.41	0.41	0.72	550000	385000
20	069850							0	0
56.1274841	-	0.10	-0.03	-1.05	0.36	0.38	0.64	325000	380000
70	7.4080							0	0
17447									
56.2331377	-	0.04	0.02	-1.04	0.31	0.35	0.56	330000	380000
30	6.6236							0	0
59848									
56.3340096	-	0.12	0.00	-0.47	0.31	0.33	0.53	335000	380000
30	5.8354							0	0
25973									
56.4300626	-	0.18	-0.06	0.18	0.31	0.32	0.52	340000	380000
10	5.0434							0	0
61625									
56.5212607	-	0.20	-0.13	0.63	0.21	0.25	0.40	345000	380000
60	4.2479							0	0
18560									
56.6075695	-	0.29	-0.08	0.55	0.29	0.31	0.50	350000	380000
60	3.4489							0	0
54338									
56.6889560	-	0.30	0.00	0.24	0.29	0.32	0.53	355000	380000
10	2.6467							0	0
32165									
56.7653886	-	0.21	-0.03	-0.16	0.35	0.36	0.64	360000	380000
20	1.8414							0	0
20698									
57.2871169	7.9955	-0.36	-0.67	0.44	0.38	0.38	0.64	420000	380000
20	10666							0	0
57.2971017	8.8236	-0.37	-0.69	0.67	0.36	0.36	0.61	425000	380000
70	16165							0	0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
55.258690860	-7.020603710	0.41	-0.25	-0.23	0.31	0.31	0.52	3250000	3700000
55.3617193	-	0.26	-0.14	-0.30	0.34	0.35	0.58	3300000	3700000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
30	6.252125673							0	0
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
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northиng
55.8689120 20	21.697 219530	-0.26	-0.17	-0.12	0.25	0.25	0.43	505000 0	370000 0
55.7936633 20	22.484 595740	-0.32	-0.14	-0.40	0.26	0.26	0.43	510000 0	370000 0
55.7135828 30	23.269 098600	-0.36	-0.27	-0.55	0.26	0.26	0.43	515000 0	370000 0
55.6286997 60	24.050 571940	-0.19	-0.35	-0.69	0.27	0.27	0.45	520000 0	370000 0
55.5390447 40	24.828 864400	-0.20	-0.26	-0.75	0.28	0.28	0.47	525000 0	370000 0
55.4446497 80	25.603 829630	-0.31	-0.13	-0.92	0.23	0.23	0.39	530000 0	370000 0
55.3455482 00	26.375 326410	-0.20	-0.18	-1.16	0.23	0.22	0.39	535000 0	370000 0
55.2417745 80	27.143 218840	-0.10	-0.26	-1.32	0.27	0.27	0.47	540000 0	370000 0
55.1333646 70	27.907 376380	-0.16	-0.32	-1.41	0.35	0.35	0.60	545000 0	370000 0
54.2467450 70	- 10.582 380470	0.13	-0.15	-0.59	0.42	0.42	0.76	300000 0	365000 0
54.3711136 80	- 9.8406 18207	0.20	-0.21	-0.51	0.39	0.39	0.68	305000 0	365000 0
54.4910364 10	- 9.0948 24346	0.30	-0.20	-0.42	0.34	0.35	0.60	310000 0	365000 0
54.6064750 30	- 8.3451 05231	0.46	-0.17	-0.36	0.24	0.28	0.46	315000 0	365000 0
54.7173922 40	- 7.5915 72561	0.46	-0.21	-0.02	0.24	0.25	0.42	320000 0	365000 0
54.8237517 00	- 6.8343 43349	0.33	-0.29	0.03	0.23	0.24	0.40	325000 0	365000 0
54.9255181 10	- 6.0735 39855	0.24	-0.22	-0.13	0.29	0.29	0.48	330000 0	365000 0
55.0226572 50	- 5.3092 89503	0.24	-0.09	-0.01	0.29	0.30	0.50	335000 0	365000 0
55.1151360 90	- 4.5417 24784	0.22	-0.02	0.23	0.25	0.27	0.44	340000 0	365000 0
55.2029228 00	- 3.7709 83142	0.11	0.01	0.39	0.29	0.30	0.49	345000 0	365000 0
55.2859868 60	- 2.9972	0.11	0.03	0.20	0.22	0.24	0.39	350000 0	365000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
	06838								
55.3642990 60	- 2.2205 42809	0.18	-0.04	-0.36	0.27	0.28	0.46	355000 0	365000 0
55.4378316 00	- 1.4411 42501	0.13	-0.03	-0.51	0.30	0.30	0.51	360000 0	365000 0
55.9248369 50	7.2656 44987	-0.27	-0.46	-0.82	0.39	0.39	0.68	415000 0	365000 0
55.9394226 50	8.0647 17166	-0.31	-0.51	-0.58	0.34	0.34	0.59	420000 0	365000 0
55.9490162 20	8.8642 48272	-0.30	-0.53	-0.33	0.33	0.33	0.55	425000 0	365000 0
55.9536139 60	9.6640 48966	-0.27	-0.53	-0.03	0.32	0.32	0.54	430000 0	365000 0
55.9532141 40	10.463 929440	-0.30	-0.46	0.11	0.34	0.34	0.57	435000 0	365000 0
55.9478168 90	11.263 699750	-0.35	-0.37	0.08	0.17	0.17	0.30	440000 0	365000 0
55.9374242 90	12.063 170130	-0.40	-0.34	0.22	0.30	0.30	0.50	445000 0	365000 0
55.9220403 20	12.862 151360	-0.49	-0.37	0.33	0.26	0.27	0.46	450000 0	365000 0
55.9016708 40	13.660 455060	-0.56	-0.43	0.43	0.25	0.25	0.41	455000 0	365000 0
55.8763236 50	14.457 894010	-0.56	-0.40	0.57	0.31	0.31	0.53	460000 0	365000 0
55.8460083 60	15.254 282520	-0.56	-0.36	0.63	0.31	0.31	0.52	465000 0	365000 0
55.8107364 70	16.049 436680	-0.52	-0.33	0.54	0.34	0.35	0.59	470000 0	365000 0
55.7705213 00	16.843 174710	-0.42	-0.31	0.40	0.40	0.40	0.70	475000 0	365000 0
55.5605561 70	20.000 420460	-0.38	-0.29	-0.16	0.39	0.39	0.68	495000 0	365000 0
55.4958859 10	20.784 445490	-0.37	-0.27	-0.19	0.31	0.31	0.55	500000 0	365000 0
55.4263886 90	21.566 024060	-0.29	-0.13	-0.28	0.23	0.23	0.42	505000 0	365000 0
55.3520895 90	22.344 996920	-0.33	-0.13	-0.60	0.31	0.31	0.51	510000 0	365000 0
55.2730151 90	23.121 208970	-0.36	-0.18	-0.71	0.29	0.29	0.48	515000 0	365000 0
55.1891935 10	23.894 509490	-0.28	-0.30	-0.84	0.24	0.24	0.40	520000 0	365000 0
55.1006539 70	24.664 752260	-0.24	-0.28	-0.90	0.25	0.25	0.42	525000 0	365000 0
55.0074273 10	25.431 795790	-0.27	-0.28	-1.02	0.28	0.28	0.47	530000 0	365000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
54.9095455 60	26.195 503410	-0.21	-0.32	-1.28	0.30	0.30	0.50	535000 0	365000 0
54.8070419 40	26.955 743450	-0.16	-0.36	-1.53	0.32	0.32	0.55	540000 0	365000 0
54.6999508 40	27.712 389300	-0.24	-0.40	-1.66	0.37	0.37	0.64	545000 0	365000 0
53.6910207 40	- 11.096 365070	0.10	-0.11	-0.63	0.43	0.43	0.80	295000 0	360000 0
53.8182984 10	- 10.365 391430	0.16	-0.20	-0.59	0.40	0.40	0.71	300000 0	360000 0
53.9412103 90	- 9.6304 33574	0.25	-0.34	-0.48	0.29	0.29	0.49	305000 0	360000 0
54.0597190 50	- 8.8915 90067	0.39	-0.33	-0.33	0.27	0.28	0.46	310000 0	360000 0
54.1737875 70	- 8.1489 64572	0.57	-0.30	-0.14	0.23	0.26	0.43	315000 0	360000 0
54.2833800 20	- 7.4026 65822	0.41	-0.31	0.01	0.27	0.28	0.46	320000 0	360000 0
54.3884614 40	- 6.6528 07572	0.20	-0.32	0.03	0.25	0.26	0.42	325000 0	360000 0
54.4889978 60	- 5.8995 08527	0.18	-0.24	-0.16	0.22	0.23	0.39	330000 0	360000 0
54.5849563 70	- 5.1428 92261	0.16	-0.11	-0.03	0.31	0.31	0.53	335000 0	360000 0
54.6763052 00	- 4.3830 87125	0.10	-0.05	0.16	0.29	0.30	0.52	340000 0	360000 0
54.7630137 80	- 3.6202 26133	0.02	-0.04	0.20	0.29	0.31	0.52	345000 0	360000 0
54.8450527 60	- 2.8544 46833	0.04	0.02	-0.08	0.24	0.26	0.42	350000 0	360000 0
54.9223940 90	- 2.0858 91171	0.09	0.01	-0.50	0.26	0.27	0.44	355000 0	360000 0
54.9950110 90	- 1.3147 05327	0.08	0.00	-0.61	0.31	0.31	0.51	360000 0	360000 0
55.0628784 60	- 0.5410 39553	0.06	0.01	-0.70	0.39	0.39	0.68	365000 0	360000 0



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
54.3719529	26.773019260	-0.01	-0.11	-0.54	0.36	0.36	0.61	5400000	3600000
53.2635241	-10.878133020	0.11	-0.11	-0.63	0.43	0.43	0.79	2950000	3550000
53.3893397	-10.153688760	0.19	-0.18	-0.66	0.39	0.39	0.68	3000000	3550000
53.5108302	-9.425402053	0.33	-0.29	-0.69	0.29	0.30	0.49	3050000	3550000
53.6279592	-8.693369109	0.48	-0.34	-0.51	0.30	0.31	0.50	3100000	3550000
53.7406912	-7.957690964	0.62	-0.39	-0.24	0.27	0.30	0.50	3150000	3550000
53.8489918	-7.218473453	0.41	-0.37	-0.22	0.26	0.28	0.46	3200000	3550000
53.9528271	-6.475827152	0.17	-0.26	-0.25	0.29	0.30	0.49	3250000	3550000
54.0521644	-5.729867314	0.12	-0.16	-0.29	0.32	0.33	0.56	3300000	3550000
54.1469723	-4.980713788	0.12	-0.08	-0.20	0.31	0.32	0.56	3350000	3550000
54.2372200	-4.228490924	0.06	-0.07	-0.07	0.28	0.29	0.55	3400000	3550000
54.3228781	-3.473327466	-0.02	-0.07	-0.08	0.29	0.32	0.54	3450000	3550000
54.4039186	-2.715356432	0.00	0.02	-0.38	0.30	0.31	0.52	3500000	3550000
54.4803144	-1.954714974	0.05	0.07	-0.67	0.24	0.26	0.42	3550000	3550000
54.5520398	-1.191544229	0.07	0.04	-0.74	0.31	0.32	0.53	3600000	3550000
54.6190706	-0.425989160	0.04	0.03	-0.81	0.38	0.38	0.66	3650000	3550000
54.6813840	0.341801629	0.01	0.03	-0.87	0.41	0.42	0.75	3700000	3550000
55.0411030	8.107789552	-0.08	-0.47	-1.47	0.27	0.28	0.53	4200000	3550000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
54.577926330	7.355679016	-0.08	-0.34	-1.80	0.35	0.35	0.63	4150000	3500000
54.591965520	8.128476840	-0.06	-0.55	-1.67	0.27	0.28	0.52	4200000	3500000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
53.5996167	25.682874350	-0.20	-0.21	-0.97	0.34	0.34	0.59	5350000	3500000
52.2797328	-11.165278250	0.05	-0.05	-0.53	0.44	0.44	0.83	2900000	3450000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
52.4069389	-10.457187440	0.08	-0.08	-0.48	0.43	0.43	0.79	2950000	3450000
52.5299333	-9.745432180	0.11	-0.11	-0.45	0.39	0.40	0.70	3000000	3450000
52.6486816	-9.030099714	0.11	-0.13	-0.46	0.30	0.32	0.53	3050000	3450000
52.7631501	-8.311281635	0.11	-0.16	-0.48	0.26	0.28	0.47	3100000	3450000
52.8733057	-7.589073879	0.14	-0.19	-0.50	0.35	0.36	0.60	3150000	3450000
52.9791164	-6.863576677	0.09	-0.13	-0.68	0.33	0.34	0.56	3200000	3450000
53.0805509	-6.134894504	0.04	-0.04	-0.88	0.29	0.30	0.49	3250000	3450000
53.1775789	-5.403136008	0.09	-0.04	-0.88	0.33	0.33	0.55	3300000	3450000
53.2701710	-4.668413939	0.19	0.02	-0.84	0.22	0.23	0.43	3350000	3450000
53.3582991	-3.930845056	0.21	-0.06	-0.87	0.28	0.28	0.51	3400000	3450000
53.4419358	-3.190550026	0.13	-0.10	-0.85	0.29	0.30	0.52	3450000	3450000
53.5210550	-2.447653313	-0.03	0.01	-0.75	0.23	0.24	0.43	3500000	3450000
53.5956319	-1.702283049	-0.07	0.13	-0.80	0.27	0.28	0.46	3550000	3450000
53.6656428	-0.954570901	0.02	0.07	-0.97	0.28	0.29	0.48	3600000	3450000
53.7310652	-0.204651920	-0.03	0.06	-1.17	0.23	0.25	0.41	3650000	3450000
53.7918780	0.547335618	-0.11	0.11	-1.20	0.32	0.33	0.56	3700000	3450000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
54.142833560	8.148626801	0.06	-0.26	-0.72	0.25	0.25	0.46	4200000	3450000
54.151953920	8.913510311	0.04	-0.40	-0.95	0.25	0.25	0.48	4250000	3450000
54.156324790	9.678623089	0.01	-0.32	-0.77	0.30	0.30	0.54	4300000	3450000
54.155944700	10.443803710	-0.02	-0.22	-0.63	0.29	0.29	0.53	4350000	3450000
54.150813760	11.208890650	-0.03	-0.20	-0.74	0.28	0.28	0.51	4400000	3450000
54.140933740	11.973722520	-0.07	-0.27	-0.99	0.22	0.22	0.42	4450000	3450000
54.126307990	12.738138340	-0.10	-0.22	-0.93	0.26	0.26	0.48	4500000	3450000
54.106941480	13.501977780	-0.14	-0.24	-0.74	0.25	0.25	0.46	4550000	3450000
54.082840780	14.265081440	-0.15	-0.31	-0.45	0.26	0.26	0.48	4600000	3450000
54.054014050	15.027291030	-0.11	-0.34	-0.19	0.28	0.27	0.53	4650000	3450000
54.020471010	15.788449700	-0.08	-0.36	-0.12	0.28	0.27	0.53	4700000	3450000
53.982222930	16.548402200	-0.11	-0.32	-0.30	0.27	0.27	0.50	4750000	3450000
53.939282610	17.306995150	-0.20	-0.32	-0.56	0.27	0.27	0.49	4800000	3450000
53.891664350	18.064077270	-0.29	-0.31	-0.74	0.26	0.26	0.46	4850000	3450000
53.839383930	18.819499580	-0.24	-0.27	-0.85	0.24	0.24	0.45	4900000	3450000
53.782458560	19.573115610	-0.15	-0.24	-0.92	0.26	0.26	0.48	4950000	3450000
53.720906880	20.324781590	-0.15	-0.26	-0.89	0.24	0.23	0.44	5000000	3450000
53.654748880	21.074356690	-0.12	-0.24	-0.79	0.27	0.27	0.48	5050000	3450000
53.584005910	21.821703130	-0.10	-0.28	-0.81	0.29	0.28	0.51	5100000	3450000
53.508700600	22.566686380	-0.15	-0.40	-0.93	0.25	0.25	0.47	5150000	3450000
53.428856850	23.309175340	-0.19	-0.43	-0.94	0.24	0.24	0.45	5200000	3450000
53.344499760	24.049042460	-0.18	-0.33	-0.98	0.33	0.33	0.58	5250000	3450000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
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
53.286864080	-0.098152933	-0.04	0.12	-1.26	0.26	0.27	0.45	3650000	3400000
53.346955430	0.646218543	-0.11	0.21	-1.33	0.29	0.31	0.51	3700000	3400000
53.4024701	1.3924	-0.10	0.17	-1.25	0.36	0.37	0.64	375000	340000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
80	44665							0	0
53.5784300 10	4.3930 78531	-0.11	0.00	-1.31	0.37	0.37	0.66	395000 0	340000 0
53.6108241 50	5.1464 45039	-0.16	0.08	-1.63	0.31	0.31	0.55	400000 0	340000 0
53.6385565 80	5.9007 98158	-0.04	0.10	-2.40	0.26	0.26	0.47	405000 0	340000 0
53.6616182 20	6.6559 86738	-0.08	-0.22	-2.94	0.23	0.23	0.43	410000 0	340000 0
53.6800014 80	7.4118 58355	-0.05	-0.34	-1.86	0.26	0.26	0.47	415000 0	340000 0
53.6937002 90	8.1682 59538	0.10	-0.25	-0.84	0.21	0.21	0.39	420000 0	340000 0
53.7027101 40	8.9250 36006	0.14	-0.32	-0.86	0.25	0.25	0.47	425000 0	340000 0
53.7070280 30	9.6820 32900	0.08	-0.43	-1.01	0.24	0.24	0.47	430000 0	340000 0
53.7066525 40	10.439 095020	0.00	-0.39	-1.04	0.28	0.28	0.52	435000 0	340000 0
53.7015838 00	11.196 067070	0.00	-0.27	-1.14	0.26	0.26	0.49	440000 0	340000 0
53.6918234 80	11.952 793890	-0.02	-0.20	-1.11	0.26	0.26	0.48	445000 0	340000 0
53.6773748 10	12.709 120690	-0.10	-0.19	-0.93	0.26	0.26	0.48	450000 0	340000 0
53.6582425 70	13.464 893310	-0.20	-0.27	-0.77	0.26	0.26	0.48	455000 0	340000 0
53.6344330 50	14.219 958430	-0.25	-0.31	-0.58	0.25	0.24	0.45	460000 0	340000 0
53.6059540 90	14.974 163810	-0.17	-0.24	-0.32	0.25	0.25	0.48	465000 0	340000 0
53.5728150 30	15.727 358530	-0.06	-0.19	-0.19	0.27	0.27	0.51	470000 0	340000 0
53.5350266 90	16.479 393200	-0.07	-0.29	-0.35	0.27	0.27	0.50	475000 0	340000 0
53.4926013 60	17.230 120160	-0.13	-0.35	-0.59	0.27	0.26	0.49	480000 0	340000 0
53.4455527 90	17.979 393750	-0.16	-0.32	-0.77	0.26	0.26	0.47	485000 0	340000 0
53.3938961 10	18.727 070450	-0.10	-0.18	-0.84	0.25	0.25	0.46	490000 0	340000 0
53.3376478 90	19.473 009100	-0.08	-0.10	-0.90	0.25	0.25	0.46	495000 0	340000 0
53.2768260 10	20.217 071110	-0.11	-0.18	-0.89	0.24	0.24	0.45	500000 0	340000 0
53.2114497 20	20.959 120610	-0.08	-0.31	-0.89	0.26	0.26	0.48	505000 0	340000 0
53.1415395	21.699	0.02	-0.35	-0.95	0.25	0.25	0.47	510000	340000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
10	024620							0	0
53.0671171 80	22.436 653240	0.05	-0.36	-0.97	0.26	0.26	0.48	515000 0	340000 0
52.9882056 80	23.171 879780	-0.03	-0.35	-0.89	0.25	0.24	0.45	520000 0	340000 0
52.9048291 90	23.904 580890	-0.11	-0.29	-0.89	0.32	0.31	0.56	525000 0	340000 0
52.8170129 80	24.634 636710	-0.10	-0.24	-0.90	0.38	0.38	0.67	530000 0	340000 0
52.7247834 10	25.361 930960	-0.08	-0.22	-0.85	0.39	0.39	0.68	535000 0	340000 0
51.4238673 90	- 10.751 933090	0.03	-0.05	-0.43	0.44	0.44	0.84	290000 0	335000 0
51.5483080 40	- 10.055 808430	0.05	-0.07	-0.28	0.43	0.43	0.79	295000 0	335000 0
51.6686112 00	- 9.3562 66243	0.07	-0.12	-0.04	0.38	0.39	0.69	300000 0	335000 0
51.7847447 80	- 8.6533 89745	0.10	-0.20	0.32	0.23	0.27	0.45	305000 0	335000 0
51.8966773 80	- 7.9472 66078	0.07	-0.20	0.06	0.33	0.34	0.57	310000 0	335000 0
52.0043783 30	- 7.2379 86283	0.04	-0.20	-0.29	0.35	0.36	0.60	315000 0	335000 0
52.1078177 80	- 6.5256 45259	0.01	-0.19	-0.56	0.34	0.35	0.59	320000 0	335000 0
52.2069667 00	- 5.8103 41704	0.00	-0.16	-0.81	0.36	0.37	0.62	325000 0	335000 0
52.3017969 50	- 5.0921 78056	0.03	-0.18	-1.05	0.32	0.32	0.54	330000 0	335000 0
52.3922813 20	- 4.3712 60418	0.05	-0.15	-1.26	0.26	0.27	0.45	335000 0	335000 0
52.4783935 60	- 3.6476 98469	0.00	-0.05	-1.35	0.25	0.27	0.44	340000 0	335000 0
52.5601084 50	- 2.9216 05379	0.04	-0.04	-1.37	0.29	0.30	0.51	345000 0	335000 0
52.6374018 30	- 2.1930 97693	-0.01	-0.02	-1.19	0.27	0.27	0.49	350000 0	335000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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
53.0458483	17.155	0.01	-0.34	-0.55	0.27	0.27	0.50	4800000	3350000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
90	175750							0	0
52.9993548	17.896831830	0.04	-0.29	-0.78	0.25	0.25	0.47	4850000	3350000
52.9483059	18.636950920	0.01	-0.18	-0.93	0.24	0.24	0.45	4900000	3350000
52.8927176	19.375396930	-0.07	-0.18	-0.99	0.25	0.25	0.46	4950000	3350000
52.8326070	20.112036190	-0.07	-0.29	-0.92	0.27	0.27	0.49	5000000	3350000
52.7679927	20.846737600	0.00	-0.41	-0.86	0.25	0.25	0.46	5050000	3350000
52.6988944	21.579372800	0.11	-0.34	-0.93	0.26	0.26	0.47	5100000	3350000
52.6253329	22.309816280	0.14	-0.26	-0.97	0.26	0.26	0.48	5150000	3350000
52.5473305	23.037945600	0.05	-0.28	-0.93	0.28	0.27	0.50	5200000	3350000
52.4649104	23.763641460	-0.05	-0.29	-0.90	0.32	0.32	0.57	5250000	3350000
52.3780969	24.486787830	-0.05	-0.25	-0.89	0.37	0.37	0.64	5300000	3350000
52.2869154	25.207272110	-0.03	-0.22	-0.83	0.36	0.36	0.62	5350000	3350000
51.1182511	-9.862061247	0.04	-0.06	-0.32	0.43	0.43	0.81	2950000	3300000
51.2372549	-9.168453416	0.05	-0.10	-0.16	0.41	0.42	0.75	3000000	3300000
51.3521264	-8.471625055	0.07	-0.14	-0.04	0.38	0.39	0.69	3050000	3300000
51.4628354	-7.771661139	0.06	-0.15	-0.16	0.39	0.40	0.69	3100000	3300000
51.5693522	-7.068650346	0.03	-0.15	-0.40	0.40	0.40	0.71	3150000	3300000
51.7696951	-5.653861055	-0.06	-0.13	-0.80	0.34	0.35	0.59	3250000	3300000
51.8634661	-4.942277963	-0.05	-0.12	-0.96	0.25	0.27	0.45	3300000	3300000
51.9529347	-4.228038671	0.07	-0.07	-1.16	0.25	0.26	0.45	3350000	3300000
52.0380758	-3.511249504	-0.01	-0.11	-1.32	0.26	0.27	0.46	3400000	3300000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
52.1188651 50	-2.7920 20082	0.02	-0.10	-1.41	0.27	0.28	0.48	345000 0	330000 0
52.1952792 80	-2.0704 63216	0.07	0.03	-1.38	0.21	0.22	0.42	350000 0	330000 0
52.2672960 80	-1.3466 94802	-0.13	-0.01	-1.02	0.23	0.23	0.44	355000 0	330000 0
52.3348944 50	-0.6208 33699	-0.23	-0.15	-0.99	0.23	0.23	0.42	360000 0	330000 0
52.3980544 10	0.1069 98400	-0.07	-0.14	-1.14	0.26	0.26	0.44	365000 0	330000 0
52.4567571 70	0.8366 77106	0.07	-0.08	-1.14	0.25	0.25	0.42	370000 0	330000 0
52.5109851 50	1.5680 75477	0.11	-0.07	-1.08	0.23	0.23	0.43	375000 0	330000 0
52.5607219 80	2.3010 64174	0.08	-0.10	-1.16	0.34	0.34	0.59	380000 0	330000 0
52.6466631 50	3.7712 84194	0.13	-0.19	-1.47	0.36	0.36	0.63	390000 0	330000 0
52.6828412 20	4.5082 46351	0.27	-0.32	-1.60	0.25	0.25	0.46	395000 0	330000 0
52.7144756 40	5.2462 60865	0.28	-0.30	-1.67	0.26	0.26	0.45	400000 0	330000 0
52.7415566 50	5.9851 88985	0.40	-0.16	-2.03	0.25	0.25	0.44	405000 0	330000 0
52.7640758 40	6.7248 90637	0.49	-0.26	-2.04	0.23	0.23	0.42	410000 0	330000 0
52.7820262 20	7.4652 24621	0.33	-0.37	-1.24	0.27	0.27	0.48	415000 0	330000 0
52.7954021 80	8.2060 48816	0.20	-0.27	-0.63	0.30	0.30	0.53	420000 0	330000 0
52.8041995 50	8.9472 20380	0.06	-0.22	-0.42	0.29	0.29	0.52	425000 0	330000 0
52.8084155 80	9.6885 95965	-0.08	-0.32	-0.52	0.31	0.31	0.54	430000 0	330000 0
52.8080489 50	10.430 031920	-0.14	-0.46	-0.64	0.30	0.30	0.53	435000 0	330000 0
52.8030997 80	11.171 384510	-0.08	-0.37	-0.69	0.30	0.30	0.53	440000 0	330000 0
52.7935696 10	11.912 510120	-0.04	-0.19	-0.66	0.29	0.29	0.52	445000 0	330000 0
52.7794614 30	12.653 265460	-0.07	-0.16	-0.63	0.25	0.25	0.46	450000 0	330000 0
52.7607796 30	13.393 507800	-0.12	-0.26	-0.73	0.25	0.25	0.45	455000 0	330000 0
52.7375300	14.133	-0.10	-0.29	-0.75	0.26	0.26	0.46	460000	330000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40	095150							0	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 61252	0.13	-0.12	-1.24	0.26	0.27	0.47	340000 0	325000 0
51.6774025 60	- 2.6655 43653	0.09	-0.22	-1.26	0.26	0.27	0.50	345000 0	325000 0
51.7529589	-	0.07	-0.08	-1.24	0.27	0.28	0.50	350000	325000

#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
00	1.950781819							0	0
51.824164110	-1.233887879	-0.11	0.04	-1.16	0.24	0.25	0.45	3550000	3250000
51.890997880	-0.514976762	-0.26	0.01	-1.19	0.25	0.25	0.45	3600000	3250000
51.953440980	0.205833929	-0.11	-0.09	-1.20	0.27	0.27	0.47	3650000	3250000
52.011475320	0.928424045	0.09	-0.27	-1.09	0.21	0.22	0.38	3700000	3250000
52.065083990	1.652671032	0.11	-0.24	-1.10	0.31	0.32	0.54	3750000	3250000
52.114251240	2.378450078	0.08	-0.23	-1.17	0.35	0.35	0.60	3800000	3250000
52.158962550	3.105634263	0.07	-0.21	-1.35	0.35	0.36	0.61	3850000	3250000
52.199204670	3.834094721	0.13	-0.20	-1.62	0.31	0.31	0.54	3900000	3250000
52.234965590	4.563700809	0.16	-0.39	-1.70	0.24	0.24	0.42	3950000	3250000
52.266234590	5.294320277	0.07	-0.46	-1.38	0.24	0.24	0.42	4000000	3250000
52.293002290	6.025819446	0.10	-0.19	-1.22	0.22	0.22	0.40	4050000	3250000
52.315260600	6.758063390	0.25	-0.23	-1.09	0.25	0.25	0.44	4100000	3250000
52.333002810	7.490916126	0.24	-0.36	-0.77	0.26	0.26	0.45	4150000	3250000
52.346223510	8.224240802	0.14	-0.26	-0.54	0.25	0.24	0.44	4200000	3250000
52.354918710	8.957899890	-0.03	-0.06	-0.54	0.26	0.25	0.45	4250000	3250000
52.359085770	9.691755384	-0.20	-0.16	-0.53	0.24	0.23	0.45	4300000	3250000
52.358723400	10.425669000	-0.17	-0.42	-0.53	0.26	0.25	0.48	4350000	3250000
52.353831720	11.159502350	-0.07	-0.40	-0.64	0.30	0.30	0.54	4400000	3250000
52.344412230	11.893117200	0.00	-0.30	-0.71	0.30	0.30	0.55	4450000	3250000
52.330467770	12.626375590	-0.03	-0.27	-0.72	0.24	0.24	0.46	4500000	3250000
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
52.2615338	14.822	0.08	-0.23	-0.42	0.26	0.26	0.47	4650000	3250000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
10	641440							0	0
52.2295454 30	15.553 107720	0.00	-0.24	-0.37	0.24	0.24	0.44	470000 0	325000 0
52.1930667 70	16.282 539350	-0.08	-0.20	-0.59	0.25	0.25	0.46	475000 0	325000 0
52.1521087 40	17.010 804340	-0.01	-0.15	-0.86	0.24	0.24	0.45	480000 0	325000 0
52.1066835 50	17.737 772320	0.11	-0.28	-0.95	0.26	0.26	0.48	485000 0	325000 0
52.0568046 70	18.463 314710	0.11	-0.38	-0.97	0.25	0.25	0.48	490000 0	325000 0
52.0024868 10	19.187 304930	0.10	-0.32	-0.96	0.27	0.27	0.49	495000 0	325000 0
51.9437458 90	19.909 618510	0.14	-0.26	-0.85	0.25	0.25	0.45	500000 0	325000 0
51.8805990 40	20.630 133280	0.12	-0.32	-0.73	0.25	0.25	0.44	505000 0	325000 0
51.8130645 20	21.348 729480	-0.01	-0.33	-0.75	0.26	0.26	0.47	510000 0	325000 0
51.7411617 40	22.065 289940	-0.12	-0.25	-0.77	0.28	0.27	0.50	515000 0	325000 0
51.6649111 80	22.779 700150	-0.16	-0.32	-0.77	0.26	0.26	0.48	520000 0	325000 0
51.5843344 00	23.491 848460	-0.12	-0.52	-0.91	0.20	0.20	0.40	525000 0	325000 0
51.4994539 80	24.201 626120	0.00	-0.40	-1.03	0.28	0.28	0.47	530000 0	325000 0
51.4102934 90	24.908 927420	0.12	-0.24	-1.02	0.25	0.25	0.42	535000 0	325000 0
51.3168774 40	25.613 649780	0.14	-0.40	-1.02	0.26	0.26	0.43	540000 0	325000 0
50.8942110 70	- 5.3518 51134	0.07	-0.04	-1.08	0.37	0.37	0.63	325000 0	320000 0
50.9859382 40	- 4.6530 15357	0.15	0.10	-1.13	0.32	0.33	0.55	330000 0	320000 0
51.0734477 20	- 3.9517 06208	0.21	0.18	-1.19	0.26	0.27	0.46	335000 0	320000 0
51.1567160 40	- 3.2480 23644	0.08	-0.04	-1.20	0.25	0.27	0.47	340000 0	320000 0
51.2357206 30	- 2.5420 70568	0.01	-0.16	-1.10	0.28	0.29	0.52	345000 0	320000 0
51.3104399 00	- 1.8339 52737	-0.01	-0.15	-1.10	0.25	0.27	0.47	350000 0	320000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
51.3808532	-1.123778664	-0.08	-0.17	-1.22	0.26	0.27	0.46	3550000	3200000
51.4469410	-0.411659501	-0.18	-0.06	-1.29	0.24	0.24	0.44	3600000	3200000
51.5086848	0.302291069	-0.07	0.00	-1.25	0.24	0.24	0.43	3650000	3200000
51.5660672	1.017956964	0.07	-0.18	-1.20	0.26	0.26	0.45	3700000	3200000
51.6190719	1.735219829	0.07	-0.28	-1.22	0.31	0.31	0.53	3750000	3200000
51.6676837	2.453959181	0.02	-0.34	-1.20	0.31	0.32	0.54	3800000	3200000
51.7118886	3.174052547	-0.02	-0.30	-1.33	0.28	0.29	0.49	3850000	3200000
51.7516740	3.895375624	0.00	-0.18	-1.64	0.24	0.24	0.42	3900000	3200000
51.7870282	4.617802428	-0.09	-0.38	-1.59	0.22	0.22	0.39	3950000	3200000
51.8179409	5.341205464	-0.13	-0.46	-1.10	0.25	0.25	0.43	4000000	3200000
51.8444032	6.065455892	0.01	-0.28	-0.96	0.23	0.23	0.41	4050000	3200000
51.8664072	6.790423695	0.17	-0.32	-1.00	0.26	0.26	0.45	4100000	3200000
51.8839465	7.515977863	0.15	-0.43	-0.94	0.27	0.27	0.48	4150000	3200000
51.8970159	8.241986565	0.02	-0.29	-0.91	0.26	0.26	0.45	4200000	3200000
51.9056115	8.968317336	-0.13	-0.07	-0.87	0.25	0.24	0.44	4250000	3200000
51.9097308	9.694837259	-0.18	-0.11	-0.69	0.27	0.27	0.48	4300000	3200000
51.9093726	10.421413150	-0.11	-0.29	-0.61	0.26	0.26	0.47	4350000	3200000
51.9045369	11.147911760	-0.02	-0.31	-0.73	0.32	0.32	0.56	4400000	3200000
51.8952253	11.874199920	0.00	-0.28	-0.75	0.31	0.31	0.56	4450000	3200000
51.8814405	12.600144780	-0.09	-0.25	-0.63	0.29	0.29	0.52	4500000	3200000
51.8631864	13.325613970	-0.16	-0.24	-0.43	0.26	0.26	0.48	4550000	3200000
51.8404686	14.050475780	-0.06	-0.21	-0.28	0.26	0.26	0.47	4600000	3200000
51.8132937	14.774599330	0.07	-0.21	-0.24	0.25	0.25	0.45	4650000	3200000
51.7816697	15.497	0.06	-0.24	-0.41	0.25	0.25	0.45	4700000	3200000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
60	854790							0	0
51.7456058	16.220 50 113530	0.02	-0.24	-0.80	0.24	0.24	0.45	475000 0	320000 0
51.7051125	16.941 50 248280	0.10	-0.27	-0.96	0.26	0.26	0.47	480000 0	320000 0
51.6602016	17.661 10 133310	0.20	-0.38	-0.81	0.24	0.24	0.45	485000 0	320000 0
51.6108859	18.379 90 644600	0.21	-0.37	-0.67	0.25	0.25	0.47	490000 0	320000 0
51.5571798	19.096 50 660000	0.21	-0.20	-0.74	0.25	0.25	0.47	495000 0	320000 0
51.4990985	19.812 10 059340	0.25	-0.16	-0.81	0.24	0.24	0.45	500000 0	320000 0
51.4366584	20.525 50 724620	0.19	-0.39	-0.71	0.27	0.27	0.48	505000 0	320000 0
51.3698772	21.237 70 540140	0.08	-0.63	-0.63	0.21	0.21	0.42	510000 0	320000 0
51.2987736	21.947 50 392620	-0.07	-0.43	-0.56	0.25	0.25	0.47	515000 0	320000 0
51.2233673	22.655 20 171310	-0.18	-0.33	-0.57	0.24	0.24	0.46	520000 0	320000 0
51.1436790	23.360 60 768140	-0.22	-0.44	-0.81	0.24	0.23	0.45	525000 0	320000 0
51.0597306	24.064 10 077800	-0.05	-0.45	-1.11	0.27	0.27	0.46	530000 0	320000 0
50.9715447	24.764 00 997850	0.16	-0.39	-1.15	0.27	0.27	0.45	535000 0	320000 0
50.8791449	25.463 40 428810	0.24	-0.45	-1.05	0.27	0.27	0.46	540000 0	320000 0
50.2620869	- 40 6.5838 68436	0.12	-0.11	-1.12	0.40	0.40	0.72	315000 0	315000 0
50.3611099	- 70 5.8962 62012	0.16	-0.14	-1.33	0.33	0.33	0.57	320000 0	315000 0
50.4560042	- 00 5.2060 82525	0.09	-0.13	-1.32	0.30	0.31	0.52	325000 0	315000 0
50.5467452	- 90 4.5134 21092	0.07	-0.13	-1.38	0.30	0.31	0.53	330000 0	315000 0
50.6333097	- 40 3.8183 71778	-0.02	-0.09	-1.43	0.27	0.27	0.47	335000 0	315000 0
50.7156748	- 90 3.1210 31516	-0.11	-0.06	-1.33	0.25	0.27	0.46	340000 0	315000 0
50.7938189	- 90 2.4215	-0.15	-0.10	-1.13	0.31	0.32	0.53	345000 0	315000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
	00034								
50.8677212	-10.17198795757	-0.19	-0.18	-1.08	0.25	0.27	0.44	3500000	3150000
50.9373617	-10.1016275717	-0.10	-0.43	-1.25	0.23	0.24	0.41	3550000	3150000
51.0027216	-10.0310795443	-0.03	-0.40	-1.16	0.26	0.26	0.45	3600000	3150000
51.0637831	0.396451147	0.07	-0.21	-1.05	0.23	0.24	0.40	3650000	3150000
51.1205294	1.105351867	0.12	-0.13	-1.25	0.27	0.28	0.47	3700000	3150000
51.1729448	1.815792386	0.08	-0.21	-1.41	0.28	0.28	0.48	3750000	3150000
51.2210148	2.527656362	-0.03	-0.36	-1.35	0.27	0.27	0.45	3800000	3150000
51.2647259	3.240825577	-0.11	-0.39	-1.29	0.22	0.23	0.38	3850000	3150000
51.3040658	3.955180086	-0.08	-0.30	-1.36	0.23	0.23	0.39	3900000	3150000
51.3390233	4.670598358	-0.07	-0.38	-1.10	0.23	0.23	0.40	3950000	3150000
51.3695887	5.386957440	0.01	-0.40	-0.65	0.24	0.24	0.42	4000000	3150000
51.3957531	6.104133106	0.19	-0.31	-0.64	0.23	0.23	0.41	4050000	3150000
51.4175091	6.822000025	0.24	-0.34	-0.83	0.26	0.26	0.46	4100000	3150000
51.4348506	7.540431929	0.12	-0.36	-0.86	0.26	0.26	0.46	4150000	3150000
51.4477724	8.259301775	-0.07	-0.27	-0.81	0.27	0.26	0.47	4200000	3150000
51.4562709	8.978481925	-0.16	-0.15	-0.76	0.27	0.27	0.48	4250000	3150000
51.4603437	9.697844314	-0.12	-0.17	-0.71	0.26	0.26	0.46	4300000	3150000
51.4599895	10.417260630	0.00	-0.21	-0.79	0.22	0.22	0.41	4350000	3150000
51.4552085	11.136602480	0.05	-0.20	-0.90	0.30	0.30	0.52	4400000	3150000
51.4460021	11.855741570	-0.02	-0.22	-0.79	0.32	0.32	0.55	4450000	3150000
51.4323728	12.574549910	-0.15	-0.21	-0.54	0.27	0.27	0.51	4500000	3150000
51.4143247	13.292899940	-0.26	-0.22	-0.27	0.26	0.26	0.49	4550000	3150000
51.3918629	14.010	-0.19	-0.23	-0.16	0.28	0.28	0.50	4600000	3150000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northi ng
40	2.996984344							0	0
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
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
50.9832581	12.549	-0.17	-0.28	-0.46	0.25	0.25	0.48	4500000	3100000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
50.534089460	12.525180870	-0.23	-0.28	-0.28	0.25	0.26	0.47	4500000	3050000
50.516438050	13.229797020	-0.14	-0.16	-0.30	0.29	0.29	0.53	4550000	3050000
50.494469430	13.933869210	-0.03	-0.14	-0.35	0.27	0.28	0.50	4600000	3050000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
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
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
50.0673999	13.199	-0.10	-0.04	-0.42	0.28	0.29	0.51	4550000	3000000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
10	355750							0	0
50.0456689	13.896821170	0.01	-0.09	-0.62	0.27	0.28	0.49	4600000	3000000
50.0196730	14.593648680	0.04	-0.17	-0.66	0.21	0.22	0.41	4650000	3000000
49.9894190	15.289725930	0.01	-0.16	-0.47	0.29	0.30	0.53	4700000	3000000
49.9549149	15.984941500	0.00	-0.20	-0.28	0.27	0.28	0.52	4750000	3000000
49.9161696	16.679185060	-0.02	-0.31	-0.14	0.27	0.28	0.50	4800000	3000000
49.8731933	17.372347510	-0.07	-0.26	-0.05	0.29	0.30	0.52	4850000	3000000
49.8259971	18.064321090	-0.09	-0.13	-0.07	0.26	0.26	0.48	4900000	3000000
49.7745932	18.754999540	-0.02	-0.10	-0.22	0.28	0.28	0.51	4950000	3000000
49.7189948	19.444278180	0.04	-0.20	-0.31	0.26	0.26	0.48	5000000	3000000
49.6592161	20.132054050	-0.04	-0.25	-0.37	0.25	0.25	0.45	5050000	3000000
49.5952723	20.818226030	-0.13	-0.16	-0.65	0.25	0.25	0.46	5100000	3000000
49.5271795	21.502694930	-0.09	-0.12	-0.72	0.27	0.26	0.49	5150000	3000000
49.4549547	22.185363600	-0.13	-0.18	-0.37	0.25	0.25	0.47	5200000	3000000
49.3786158	22.866137020	-0.22	-0.26	-0.20	0.27	0.27	0.49	5250000	3000000
49.2981818	23.544922400	-0.20	-0.37	-0.51	0.25	0.25	0.46	5300000	3000000
49.2136722	24.221629260	0.03	-0.56	-1.02	0.26	0.26	0.46	5350000	3000000
49.1251076	24.896169500	0.16	-0.70	-1.17	0.28	0.28	0.48	5400000	3000000
49.0325092	25.568457480	-0.12	-0.65	-0.78	0.31	0.31	0.51	5450000	3000000
48.9358989	26.238410100	-0.46	-0.58	-0.42	0.26	0.26	0.46	5500000	3000000
48.8352996	26.905946840	-0.45	-0.70	-0.31	0.32	0.32	0.56	5550000	3000000
48.7307347	27.570989800	-0.40	-0.82	-0.18	0.31	0.31	0.55	5600000	3000000
48.6222283	28.233463800	-0.30	-0.75	-0.21	0.30	0.30	0.52	5650000	3000000
48.5098050	28.893296360	-0.32	-0.61	-0.27	0.27	0.27	0.47	5700000	3000000
48.6091063	-	0.24	-0.13	-1.27	0.36	0.36	0.63	320000	295000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
50	5.322403980							0	0
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
49.621337630	6.940989983	-0.26	-0.08	0.07	0.24	0.24	0.43	4100000	2950000
49.637934820	7.632578408	-0.13	-0.09	-0.16	0.25	0.25	0.46	4150000	2950000
49.650301680	8.324545656	-0.09	-0.19	-0.63	0.25	0.25	0.45	4200000	2950000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
48.8571325	23.422400330	-0.24	-0.28	-0.66	0.29	0.29	0.50	5300000	2950000
48.7734900	24.093363900	0.06	-0.59	-1.15	0.27	0.27	0.46	5350000	2950000
48.6858301	24.762233170	0.27	-0.83	-1.34	0.25	0.25	0.42	5400000	2950000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
48.9404348 40	2.1912 63270	-0.04	-0.12	-1.17	0.23	0.23	0.38	375000 0	290000 0
48.9859847 30	2.8710 34311	0.01	-0.18	-1.24	0.22	0.22	0.39	380000 0	290000 0
49.0273991 50	3.5518 97585	-0.02	-0.06	-1.32	0.27	0.27	0.46	385000 0	290000 0



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
48.064353090	-2.417699136	-0.04	-0.33	-1.08	0.26	0.26	0.44	3400000	2850000
48.137738490	-1.753920836	-0.03	-0.34	-1.06	0.23	0.24	0.41	3450000	2850000
48.207124190	-1.0884	-0.03	-0.22	-0.93	0.26	0.26	0.44	3500000	2850000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
	45448							0	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
48.7198268 70	13.112 182690	-0.14	0.06	-0.05	0.28	0.29	0.49	455000 0	285000 0
48.6987755 60	13.790 723780	-0.14	0.13	-0.14	0.26	0.26	0.45	460000 0	285000 0
48.6735917 60	14.468 691060	-0.04	0.11	-0.33	0.25	0.26	0.44	465000 0	285000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
48.6442815 90	15.145 983350	-0.03	-0.03	-0.55	0.27	0.28	0.47	470000 0	285000 0
48.6108521 60	15.822 500270	-0.12	-0.11	-0.68	0.27	0.27	0.48	475000 0	285000 0
48.5733115 60	16.498 142360	-0.11	-0.05	-0.76	0.26	0.27	0.48	480000 0	285000 0
48.5316688 40	17.172 811200	0.07	0.01	-0.72	0.23	0.23	0.40	485000 0	285000 0
48.4859339 90	17.846 409520	0.16	-0.07	-0.66	0.26	0.26	0.44	490000 0	285000 0
48.4361179 40	18.518 841280	0.09	-0.15	-0.70	0.28	0.28	0.47	495000 0	285000 0
48.3822325 30	19.190 011830	-0.01	-0.06	-0.82	0.26	0.27	0.45	500000 0	285000 0
48.3242905 00	19.859 827960	-0.05	0.17	-0.96	0.22	0.23	0.38	505000 0	285000 0
48.2623054 80	20.528 198020	-0.10	0.03	-1.12	0.27	0.27	0.46	510000 0	285000 0
48.1962919 30	21.195 032000	-0.23	-0.20	-1.18	0.29	0.29	0.49	515000 0	285000 0
48.1262651 80	21.860 241640	-0.41	-0.40	-1.18	0.26	0.26	0.44	520000 0	285000 0
48.0522413 60	22.523 740480	-0.42	-0.33	-1.18	0.26	0.26	0.44	525000 0	285000 0
47.9742374 00	23.185 443970	-0.36	-0.30	-1.07	0.29	0.29	0.49	530000 0	285000 0
47.8922709 80	23.845 269550	-0.40	-0.48	-0.85	0.30	0.30	0.50	535000 0	285000 0
47.8063605 60	24.503 136660	-0.43	-0.73	-0.63	0.26	0.26	0.43	540000 0	285000 0
47.7165252 90	25.158 966890	-0.17	-0.80	-0.84	0.28	0.28	0.47	545000 0	285000 0
47.6227850 20	25.812 683980	0.03	-0.77	-0.97	0.25	0.25	0.44	550000 0	285000 0
47.5251602 80	26.464 213880	-0.03	-0.56	-0.92	0.24	0.24	0.42	555000 0	285000 0
47.4236722 10	27.113 484830	-0.19	-0.39	-0.66	0.26	0.26	0.44	560000 0	285000 0
47.3183426 00	27.760 427380	-0.20	-0.33	-0.51	0.28	0.28	0.48	565000 0	285000 0
47.2091937 80	28.404 974420	-0.19	-0.52	-0.53	0.28	0.28	0.47	570000 0	285000 0
47.0962486 90	29.047 061240	-0.23	-0.57	-0.63	0.26	0.26	0.43	575000 0	285000 0
46.9795307 30	29.686 625570	-0.29	-0.56	-0.79	0.25	0.25	0.42	580000 0	285000 0
39.4315760 30	- 31.900 404740	2.11	-11.96	-1.27	0.39	0.39	0.70	900000	280000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
39.6724775	-31.383652210	3.08	-17.42	-1.44	0.32	0.32	0.55	950000	2800000
39.9106471	-30.863785970	2.39	-13.56	-1.41	0.38	0.38	0.66	1000000	2800000
47.2917078	-4.924403741	0.10	-0.08	-1.16	0.42	0.42	0.76	3200000	2800000
47.3800412	-4.273524215	0.11	-0.11	-1.32	0.37	0.37	0.66	3250000	2800000
47.4644817	-3.620685919	0.11	-0.19	-1.56	0.29	0.30	0.51	3300000	2800000
47.5450109	-2.965965356	0.03	-0.25	-1.57	0.23	0.23	0.40	3350000	2800000
47.6216111	-2.309441024	-0.05	-0.29	-1.28	0.28	0.28	0.47	3400000	2800000
47.6942652	-1.651193351	-0.04	-0.37	-1.08	0.25	0.26	0.44	3450000	2800000
47.7629571	-0.991304628	-0.01	-0.32	-1.00	0.24	0.24	0.42	3500000	2800000
47.8276714	-0.329858937	-0.01	-0.19	-1.00	0.23	0.24	0.41	3550000	2800000
47.8883933	0.333057924	0.03	-0.14	-1.15	0.25	0.25	0.43	3600000	2800000
47.9451090	0.997358526	0.06	-0.12	-1.36	0.26	0.26	0.44	3650000	2800000
47.9978055	1.662953888	0.02	-0.17	-1.38	0.24	0.23	0.41	3700000	2800000
48.0464707	2.329753572	-0.04	-0.21	-1.23	0.26	0.26	0.44	3750000	2800000
48.0910932	2.997665769	-0.07	-0.16	-1.14	0.23	0.23	0.39	3800000	2800000
48.1316627	3.666597403	-0.09	-0.01	-1.01	0.25	0.25	0.44	3850000	2800000
48.1681697	4.336454224	-0.11	0.00	-0.89	0.27	0.27	0.48	3900000	2800000
48.2006055	5.007140911	-0.14	-0.09	-0.96	0.26	0.27	0.46	3950000	2800000
48.2289625	5.678561183	-0.13	-0.14	-1.35	0.27	0.28	0.47	4000000	2800000
48.2532341	6.350617903	-0.09	-0.18	-1.76	0.24	0.24	0.42	4050000	2800000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
47.532389860	23.070843920	-0.47	-0.38	-1.12	0.27	0.27	0.45	5300000	2800000
47.451233670	23.725268550	-0.69	-0.44	-0.84	0.27	0.27	0.44	5350000	2800000
47.366169070	24.377798530	-0.90	-0.52	-0.66	0.27	0.27	0.44	5400000	2800000
47.277214550	25.028357690	-0.67	-0.60	-0.86	0.28	0.28	0.47	5450000	2800000
47.184389330	25.676871910	-0.37	-0.65	-1.05	0.28	0.28	0.51	5500000	2800000
47.087713220	26.323269180	-0.20	-0.63	-0.94	0.27	0.27	0.49	5550000	2800000
46.987206690	26.967479670	-0.24	-0.45	-0.70	0.28	0.28	0.47	5600000	2800000
46.882890810	27.609435730	-0.18	-0.25	-0.71	0.26	0.26	0.44	5650000	2800000
46.774787180	28.249071970	-0.10	-0.42	-0.81	0.30	0.30	0.50	5700000	2800000
46.662917980	28.886325280	-0.19	-0.61	-0.87	0.28	0.28	0.47	5750000	2800000
46.547305900	29.521134840	-0.50	-0.66	-0.79	0.26	0.26	0.44	5800000	2800000
46.427974100	30.153442190	-0.79	-0.50	-0.65	0.29	0.29	0.48	5850000	2800000
46.304946220	30.783191180	-0.77	-0.40	-0.50	0.20	0.20	0.38	5900000	2800000
39.055897610	-31.620478350	2.24	-12.69	-1.32	0.39	0.39	0.68	900000	2750000
39.295135940	-31.105274380	3.64	-20.62	-1.55	0.26	0.26	0.42	950000	2750000
39.531645120	-30.587025540	2.61	-14.89	-1.51	0.36	0.36	0.62	1000000	2750000
47.023029320	-3.504116336	0.08	-0.21	-1.59	0.35	0.35	0.62	3300000	2750000
47.102771710	-2.854698269	0.03	-0.25	-1.66	0.29	0.30	0.51	3350000	2750000
47.178620670	-2.203535044	-0.04	-0.18	-1.42	0.25	0.25	0.43	3400000	2750000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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

#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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

#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	нортиng
43.0813696	41.393162930	0.37	-0.35	0.18	0.41	0.41	0.73	6800000	2750000
40									
42.8945455	41.963856330	0.42	-0.22	0.14	0.42	0.42	0.77	6850000	2750000
90									
42.7045661	42.531442180	0.48	-0.08	0.06	0.43	0.43	0.81	6900000	2750000
70									
42.5114579	43.095911160	0.58	0.05	0.00	0.44	0.44	0.83	6950000	2750000
00									
42.3152472	43.657255820	0.71	0.16	-0.08	0.44	0.44	0.84	7000000	2750000
30									
42.1159605	44.215470500	0.85	0.25	-0.18	0.44	0.44	0.84	7050000	2750000
30									
41.9136240	44.770551350	0.96	0.31	-0.28	0.44	0.44	0.85	7100000	2750000
60									
41.7082639	45.322496230	0.99	0.33	-0.38	0.44	0.44	0.85	7150000	2750000
30									
46.5812927	-3.390041181	0.04	-0.16	-1.46	0.40	0.40	0.72	3300000	2700000
10									
46.6602655	-2.745820044	0.01	-0.19	-1.54	0.36	0.37	0.64	3350000	2700000
00									
46.7353797	-2.099910018	-0.01	-0.19	-1.51	0.27	0.27	0.48	3400000	2700000
50									
46.8066196	-1.452386846	0.04	-0.12	-1.28	0.28	0.28	0.47	3450000	2700000
20									
46.8739699	-0.803327952	0.06	-0.13	-1.15	0.26	0.26	0.45	3500000	2700000
40									
46.9374163	-0.152812379	-0.05	-0.17	-1.17	0.25	0.25	0.42	3550000	2700000
10									
46.9969450	0.499079281	-0.08	-0.14	-1.21	0.25	0.25	0.42	3600000	2700000
40									
47.0525432	1.152264968	0.04	-0.14	-1.17	0.25	0.25	0.44	3650000	2700000
20									
47.1041987	1.806661220	0.08	-0.19	-1.08	0.27	0.27	0.48	3700000	2700000
20									
47.1519001	2.462183265	-0.01	-0.20	-1.00	0.27	0.27	0.48	3750000	2700000
90									
47.1956371	3.118745096	-0.07	-0.19	-0.98	0.28	0.28	0.48	3800000	2700000
30									
47.2353998	3.776259565	-0.08	-0.19	-0.99	0.25	0.25	0.44	3850000	2700000
40									
47.2711794	4.434638468	-0.08	-0.16	-0.97	0.27	0.27	0.47	3900000	2700000
70									



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
46.8634558	20.907277340	-0.04	0.13	-2.00	0.24	0.24	0.40	5150000	2700000
46.7954822	21.556095790	-0.35	0.12	-1.30	0.25	0.26	0.45	5200000	2700000
46.7236214	22.203366010	-0.64	-0.23	-0.63	0.26	0.27	0.47	5250000	2700000
46.6478887	22.849010860	-0.70	-0.53	-0.69	0.27	0.27	0.46	5300000	2700000
46.5683000	23.492954860	-0.75	-0.54	-1.02	0.30	0.30	0.51	5350000	2700000
46.4848721	24.135124310	-0.88	-0.45	-1.37	0.29	0.29	0.48	5400000	2700000
46.3976222	24.775447290	-0.97	-0.44	-1.47	0.27	0.27	0.45	5450000	2700000
46.3065682	25.413853790	-0.92	-0.50	-1.30	0.24	0.24	0.43	5500000	2700000
46.2117288	26.050275680	-0.82	-0.63	-1.07	0.28	0.28	0.49	5550000	2700000
46.1131230	26.684646820	-0.72	-0.53	-1.00	0.28	0.28	0.48	5600000	2700000
46.0107705	27.316903040	-0.48	-0.41	-1.09	0.26	0.26	0.44	5650000	2700000
45.9046917	27.946982250	-0.08	-0.68	-1.21	0.20	0.20	0.35	5700000	2700000
45.7949073	28.574824400	-0.22	-0.82	-1.25	0.29	0.29	0.49	5750000	2700000
45.6814385	29.200371560	-0.65	-0.74	-1.40	0.27	0.27	0.47	5800000	2700000
45.5643071	29.823567920	-0.94	-0.46	-1.47	0.31	0.31	0.54	5850000	2700000
45.4435352	30.444359810	-0.85	-0.33	-1.28	0.37	0.37	0.65	5900000	2700000
42.8565364	40.588485630	0.42	-0.36	-0.20	0.43	0.43	0.80	6750000	2700000
42.6743815	41.159295880	0.48	-0.27	-0.09	0.43	0.43	0.79	6800000	2700000
42.4890584	41.727091390	0.57	-0.15	-0.02	0.43	0.43	0.80	6850000	2700000
42.3005929	42.291860500	0.69	-0.02	0.04	0.43	0.43	0.81	6900000	2700000
42.1090109	42.853593400	0.86	0.14	0.09	0.43	0.43	0.81	6950000	2700000
41.9143381	43.412282070	1.10	0.29	0.06	0.43	0.43	0.80	7000000	2700000
41.7166004	43.967920280	1.36	0.43	-0.06	0.43	0.43	0.81	7050000	2700000
41.5158232	44.520503520	1.59	0.53	-0.20	0.43	0.43	0.81	7100000	2700000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east ing	north ing
41.3120321	45.070028970	1.66	0.56	-0.33	0.43	0.43	0.82	7150000	2700000
46.2174905	-2.639259484	0.01	-0.18	-1.44	0.39	0.39	0.70	3350000	2650000
46.2918860	-1.998497651	0.01	-0.22	-1.47	0.32	0.32	0.56	3400000	2650000
46.3624419	-1.356174488	0.04	-0.20	-1.33	0.23	0.23	0.40	3450000	2650000
46.4291435	-0.712365118	0.03	-0.16	-1.06	0.27	0.27	0.45	3500000	2650000
46.4919768	-0.067146199	-0.02	-0.23	-1.02	0.24	0.24	0.41	3550000	2650000
46.5509287	0.579404140	-0.01	-0.25	-1.13	0.24	0.24	0.42	3600000	2650000
46.6059867	1.227206369	0.08	-0.23	-1.16	0.27	0.27	0.47	3650000	2650000
46.6571391	1.876179632	0.09	-0.22	-1.09	0.28	0.28	0.49	3700000	2650000
46.7043748	2.526241825	0.03	-0.21	-1.01	0.26	0.26	0.46	3750000	2650000
46.7476838	3.177309673	0.00	-0.17	-1.01	0.26	0.26	0.46	3800000	2650000
46.7870567	3.829298816	0.01	-0.13	-1.13	0.26	0.26	0.45	3850000	2650000
46.8224849	4.482123895	0.00	-0.07	-1.19	0.27	0.27	0.46	3900000	2650000
46.8539608	5.135698637	-0.05	-0.01	-1.08	0.25	0.25	0.44	3950000	2650000
46.8814774	5.789935947	-0.01	-0.07	-0.77	0.26	0.26	0.45	4000000	2650000
46.9050287	6.444748003	0.06	-0.23	-0.34	0.22	0.22	0.39	4050000	2650000
46.9246096	7.100046347	0.13	-0.21	0.04	0.25	0.25	0.44	4100000	2650000
46.9402157	7.755741984	0.21	-0.06	0.31	0.27	0.27	0.46	4150000	2650000
46.9518436	8.411745475	0.31	-0.02	0.52	0.30	0.30	0.50	4200000	2650000
46.9594907	9.067967041	0.40	-0.16	0.76	0.28	0.28	0.48	4250000	2650000
46.9631553	9.724316661	0.40	-0.25	0.99	0.25	0.25	0.43	4300000	2650000
46.9628366	10.380704170	0.37	-0.11	0.95	0.26	0.26	0.45	4350000	2650000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northиng
45.6755083	26.547642800	-0.57	-0.27	-1.36	0.30	0.30	0.52	5600000	2650000
45.5741068	27.175181580	-0.47	-0.21	-1.33	0.28	0.28	0.49	5650000	2650000
45.4690088	27.800610710	-0.38	-0.45	-1.20	0.31	0.31	0.52	5700000	2650000
45.3602344	28.423871650	-0.41	-0.66	-1.12	0.29	0.29	0.50	5750000	2650000
45.2478043	29.044907850	-0.58	-0.60	-1.51	0.22	0.22	0.40	5800000	2650000
45.1317394	29.663664800	-0.98	-0.23	-2.08	0.19	0.19	0.40	5850000	2650000
45.0120613	30.280090050	-0.71	-0.31	-1.66	0.36	0.36	0.65	5900000	2650000
42.2664350	40.929696310	0.67	-0.25	-0.31	0.43	0.43	0.81	6800000	2650000
42.0825871	41.494617890	0.80	-0.13	-0.17	0.43	0.43	0.80	6850000	2650000
41.8956098	42.056591920	0.98	0.03	0.03	0.42	0.42	0.79	6900000	2650000
41.7055285	42.615608130	1.25	0.24	0.24	0.41	0.40	0.76	6950000	2650000
41.5123682	43.171658030	1.65	0.48	0.28	0.40	0.39	0.73	7000000	2650000
41.3161540	43.724734840	2.13	0.71	0.07	0.41	0.40	0.74	7050000	2650000
41.1169109	44.274833470	2.56	0.88	-0.13	0.41	0.41	0.75	7100000	2650000
40.9146637	44.821950470	2.78	0.95	-0.27	0.41	0.41	0.76	7150000	2650000
40.7094372	45.366083980	2.44	0.86	-0.40	0.42	0.42	0.79	7200000	2650000
40.5012560	45.907233750	1.78	0.67	-0.51	0.43	0.43	0.82	7250000	2650000
40.2901446	46.445401010	1.19	0.47	-0.58	0.44	0.44	0.85	7300000	2650000
38.6152719	-29.267109630	0.49	-3.44	-1.71	0.44	0.44	0.83	1050000	2600000
38.8414340	-28.748031870	0.29	-2.68	-1.99	0.44	0.44	0.81	1100000	2600000
39.0648101	-28.226074870	0.09	-2.10	-2.32	0.42	0.42	0.77	1150000	2600000
39.2853774	-27.701230130	-0.05	-1.70	-2.56	0.41	0.41	0.73	1200000	2600000
45.8481371	-	0.00	-0.22	-1.39	0.35	0.35	0.61	340000	260000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
00	1.8992 32383							0	0
45.9180238 20	- 1.2620 04980	-0.02	-0.24	-1.33	0.24	0.24	0.41	345000 0	260000 0
45.9840907 80	- 0.6233 38921	-0.05	-0.19	-1.06	0.25	0.25	0.42	350000 0	260000 0
46.0463245 20	0.0166 91434	-0.08	-0.28	-0.99	0.26	0.26	0.45	355000 0	260000 0
46.1047122 50	0.6580 10328	-0.05	-0.32	-1.07	0.25	0.26	0.44	360000 0	260000 0
46.1592419 30	1.3005 40671	0.03	-0.26	-1.13	0.25	0.25	0.44	365000 0	260000 0
46.2099022 20	1.9442 04111	0.05	-0.21	-1.10	0.25	0.25	0.44	370000 0	260000 0
46.2566825 50	2.5889 21112	0.00	-0.15	-1.00	0.27	0.27	0.47	375000 0	260000 0
46.2995731 10	3.2346 11023	0.00	-0.10	-1.03	0.25	0.25	0.44	380000 0	260000 0
46.3385648 40	3.8811 92167	0.04	-0.05	-1.25	0.26	0.26	0.45	385000 0	260000 0
46.3736495 10	4.5285 81912	0.02	0.00	-1.36	0.27	0.27	0.46	390000 0	260000 0
46.4048196 60	5.1766 96762	0.00	0.01	-1.19	0.26	0.26	0.46	395000 0	260000 0
46.4320686 40	5.8254 52441	0.08	-0.13	-0.69	0.25	0.25	0.44	400000 0	260000 0
46.4553906 30	6.4747 63982	0.15	-0.34	0.00	0.25	0.25	0.44	405000 0	260000 0
46.4747806 30	7.1245 45812	0.11	-0.36	0.62	0.26	0.26	0.43	410000 0	260000 0
46.4902344 80	7.7747 11851	0.11	-0.26	0.89	0.28	0.28	0.47	415000 0	260000 0
46.5017488 50	8.4251 75600	0.20	-0.24	0.97	0.30	0.31	0.51	420000 0	260000 0
46.5093212 60	9.0758 50232	0.33	-0.32	1.05	0.27	0.27	0.47	425000 0	260000 0
46.5129500 80	9.7266 48692	0.36	-0.35	1.05	0.26	0.26	0.45	430000 0	260000 0
46.5126345 20	10.377 483790	0.38	-0.21	0.86	0.26	0.27	0.45	435000 0	260000 0
46.5083746 50	11.028 268290	0.45	-0.06	0.52	0.24	0.25	0.41	440000 0	260000 0
46.5001714 00	11.678 915030	0.45	-0.07	0.15	0.22	0.23	0.38	445000 0	260000 0
46.4880265 20	12.329 336970	0.45	-0.19	-0.07	0.22	0.22	0.38	450000 0	260000 0
46.4719426	12.979	0.69	-0.22	-0.08	0.21	0.21	0.37	455000	260000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east ing	north ing
50	447340							0	0
46.4519232	13.629159700	0.96	-0.06	-0.24	0.23	0.23	0.39	4600000	2600000
46.4279725	14.278388040	0.96	0.22	-0.61	0.26	0.26	0.45	4650000	2600000
46.4000957	14.927046880	0.87	0.48	-0.85	0.30	0.30	0.47	4700000	2600000
46.3682988	15.575051350	0.79	0.55	-0.93	0.31	0.31	0.48	4750000	2600000
46.3325885	16.222317310	0.67	0.50	-0.88	0.28	0.28	0.46	4800000	2600000
46.2929723	16.868761390	0.56	0.51	-0.86	0.26	0.26	0.44	4850000	2600000
46.2494588	17.514301100	0.52	0.64	-0.91	0.27	0.27	0.45	4900000	2600000
46.2020570	18.158854920	0.46	0.53	-0.92	0.29	0.29	0.48	4950000	2600000
46.1507769	18.802342380	0.38	0.35	-0.99	0.26	0.26	0.42	5000000	2600000
46.0956291	19.444684120	0.11	0.25	-1.38	0.26	0.26	0.42	5050000	2600000
46.0366252	20.085802000	-0.11	0.15	-2.05	0.26	0.26	0.43	5100000	2600000
45.9737773	20.725619120	-0.31	-0.04	-2.27	0.27	0.27	0.46	5150000	2600000
45.9070982	21.364059950	-0.54	-0.35	-1.81	0.25	0.25	0.45	5200000	2600000
45.8366016	22.001050370	-0.94	-0.36	-0.65	0.25	0.25	0.46	5250000	2600000
45.7623018	22.636517710	-1.05	-0.30	-0.29	0.28	0.28	0.49	5300000	2600000
45.6842136	23.270390840	-0.94	-0.38	-0.67	0.28	0.28	0.50	5350000	2600000
45.6023526	23.902600250	-0.83	-0.56	-1.16	0.28	0.28	0.48	5400000	2600000
45.5167350	24.533078030	-0.93	-0.63	-1.14	0.30	0.30	0.51	5450000	2600000
45.4273776	25.161758010	-1.01	-0.57	-0.95	0.29	0.29	0.51	5500000	2600000
45.3342978	25.788575710	-0.76	-0.42	-1.21	0.27	0.27	0.49	5550000	2600000
45.2375135	26.413468470	-0.57	-0.31	-1.45	0.33	0.33	0.56	5600000	2600000
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	28.275	-0.75	-0.36	-0.97	0.30	0.30	0.51	5750000	2600000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
00	997960							0	0
44.813707900	28.892601220	-0.59	-0.37	-1.38	0.23	0.24	0.43	5800000	2600000
44.698687940	29.506994170	-0.51	-0.45	-1.94	0.27	0.27	0.52	5850000	2600000
44.580081530	30.119125530	-0.50	-0.35	-1.67	0.38	0.38	0.68	5900000	2600000
41.675147110	41.266337350	1.12	-0.17	-0.33	0.42	0.42	0.78	6850000	2600000
41.489633020	41.825538550	1.37	0.05	0.00	0.41	0.41	0.76	6900000	2600000
41.301027280	42.381858170	1.77	0.34	0.43	0.36	0.35	0.68	6950000	2600000
41.109354410	42.935287270	2.41	0.73	0.57	0.31	0.30	0.59	7000000	2600000
40.914638840	43.485818570	3.16	1.11	0.16	0.35	0.35	0.61	7050000	2600000
40.716904930	44.033446450	3.85	1.37	-0.10	0.35	0.35	0.64	7100000	2600000
40.516176930	44.578166870	4.57	1.56	-0.22	0.33	0.33	0.62	7150000	2600000
40.312479020	45.119977370	3.72	1.36	-0.38	0.38	0.38	0.71	7200000	2600000
40.105835210	45.658877010	2.48	0.99	-0.52	0.42	0.42	0.79	7250000	2600000
39.896269400	46.194866350	1.56	0.65	-0.59	0.44	0.44	0.84	7300000	2600000
38.229248970	-29.009498380	0.27	-2.32	-1.76	0.44	0.44	0.83	1050000	2550000
38.453851270	-28.492194500	0.12	-2.05	-2.15	0.43	0.43	0.80	1100000	2550000
38.675672850	-27.972077430	-0.05	-1.93	-2.68	0.40	0.40	0.71	1150000	2550000
38.894691400	-27.449139480	-0.24	-1.97	-3.27	0.32	0.32	0.54	1200000	2550000
39.110884430	-26.923374180	-0.23	-1.63	-3.04	0.36	0.36	0.63	1250000	2550000
45.404130240	-1.802051264	0.00	-0.22	-1.33	0.37	0.37	0.64	3400000	2550000
45.473362190	-1.169818174	-0.07	-0.23	-1.36	0.27	0.27	0.47	3450000	2550000
45.538808240	-0.5361	-0.16	-0.18	-1.24	0.23	0.23	0.41	3500000	2550000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
90	072590							0	0
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
44.489568310	28.131117970	-1.13	-0.20	-0.77	0.25	0.25	0.45	5750000	2550000
44.379152410	28.743364710	-0.72	-0.28	-1.08	0.20	0.21	0.39	5800000	2550000
44.265156310	29.353467590	-0.42	-0.37	-1.46	0.34	0.34	0.60	5850000	2550000
41.4477257	40.482	1.39	-0.46	-0.80	0.38	0.38	0.72	680000	255000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east ing	northi ng
70	906400							0	0
41.2667531 90	41.042 154090	1.54	-0.29	-0.54	0.39	0.39	0.73	685000 0	255000 0
41.0826775 50	41.598 605310	1.84	0.01	-0.11	0.38	0.38	0.70	690000 0	255000 0
40.8955227 90	42.152 249050	2.44	0.36	0.32	0.35	0.35	0.65	695000 0	255000 0
40.7053127 70	42.703 075990	3.33	0.88	0.43	0.30	0.30	0.52	700000 0	255000 0
40.5120713 40	43.251 078420	4.15	1.45	0.16	0.24	0.23	0.39	705000 0	255000 0
40.3158222 30	43.796 250210	4.66	1.82	-0.10	0.29	0.29	0.54	710000 0	255000 0
40.1165891 40	44.338 586800	5.79	2.29	-0.28	0.25	0.25	0.50	715000 0	255000 0
39.9143956 20	44.878 085150	4.65	1.96	-0.48	0.36	0.36	0.66	720000 0	255000 0
39.7092651 30	45.414 743710	3.04	1.35	-0.59	0.41	0.42	0.77	725000 0	255000 0
39.5012209 90	45.948 562400	1.85	0.83	-0.62	0.44	0.44	0.83	730000 0	255000 0
37.8419364 60	- 28.756 047550	0.13	-1.61	-1.76	0.44	0.44	0.84	105000 0	250000 0
38.0650015 10	- 28.240 518430	0.02	-1.62	-2.17	0.43	0.43	0.80	110000 0	250000 0
38.2852913 10	- 27.722 240740	-0.13	-1.77	-2.75	0.40	0.40	0.70	115000 0	250000 0
38.5027840 50	- 27.201 207530	-0.32	-2.10	-3.48	0.29	0.29	0.48	120000 0	250000 0
38.7174577 30	- 26.677 413100	-0.28	-1.89	-3.24	0.34	0.34	0.58	125000 0	250000 0
43.9618901 40	- 8.4999 78573	0.11	-0.21	-1.05	0.37	0.37	0.66	285000 0	250000 0
44.0707589 60	- 7.8916 85370	0.06	-0.22	-0.75	0.35	0.36	0.63	290000 0	250000 0
44.1760520 40	- 7.2813 71447	0.12	-0.23	-0.66	0.38	0.38	0.68	295000 0	250000 0
44.9598626 30	- 1.7068 93822	0.02	-0.24	-1.25	0.34	0.35	0.60	340000 0	250000 0
45.0284537 90	- 1.0795	-0.01	-0.25	-1.34	0.24	0.24	0.44	345000 0	250000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
	56301								
45.09329220	-0.450869717	-0.11	-0.18	-1.38	0.24	0.25	0.42	3500000	2500000
45.15436530	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
45.587734480	12.290896740	1.64	-0.27	-1.66	0.21	0.21	0.36	4500000	2500000
45.571956990	12.930304360	2.17	-0.40	-2.15	0.27	0.27	0.45	4550000	2500000
45.552318620	13.569339440	2.31	-0.39	-2.02	0.24	0.26	0.45	4600000	2500000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
45.5288233 70	14.207 921440	1.97	-0.13	-1.51	0.28	0.31	0.54	465000 0	250000 0
45.5014760 20	14.845 970310	1.83	0.15	-1.30	0.34	0.35	0.62	470000 0	250000 0
45.4702821 50	15.483 406540	1.89	0.47	-1.40	0.35	0.35	0.65	475000 0	250000 0
45.4352480 70	16.120 151260	1.88	0.78	-1.49	0.35	0.34	0.64	480000 0	250000 0
45.3963808 60	16.756 126340	1.59	0.90	-1.37	0.34	0.34	0.60	485000 0	250000 0
45.3536883 40	17.391 254420	1.19	0.85	-1.23	0.30	0.29	0.52	490000 0	250000 0
45.3071790 80	18.025 459000	0.89	0.71	-1.36	0.30	0.29	0.51	495000 0	250000 0
45.2568623 50	18.658 664570	0.59	0.63	-1.60	0.30	0.30	0.51	500000 0	250000 0
45.2027481 50	19.290 796580	0.17	0.73	-1.72	0.26	0.26	0.46	505000 0	250000 0
45.1448471 70	19.921 781610	-0.28	0.69	-1.70	0.27	0.27	0.45	510000 0	250000 0
45.0831707 80	20.551 547360	-0.59	0.40	-1.65	0.27	0.27	0.46	515000 0	250000 0
45.0177310 50	21.180 022760	-0.78	0.13	-1.43	0.27	0.27	0.47	520000 0	250000 0
44.9485406 60	21.807 138020	-1.06	-0.07	-1.01	0.29	0.29	0.49	525000 0	250000 0
44.8756129 70	22.432 824690	-1.43	-0.61	-0.80	0.31	0.31	0.53	530000 0	250000 0
44.7989619 30	23.057 015680	-1.56	-0.98	-0.88	0.29	0.29	0.50	535000 0	250000 0
44.7186021 10	23.679 645380	-1.42	-0.92	-1.01	0.30	0.30	0.52	540000 0	250000 0
44.6345486 70	24.300 649660	-1.41	-0.67	-0.76	0.28	0.29	0.48	545000 0	250000 0
44.5468173 20	24.919 965930	-1.47	-0.62	-0.38	0.27	0.28	0.47	550000 0	250000 0
44.4554243 50	25.537 533180	-1.17	-0.70	-0.68	0.28	0.29	0.49	555000 0	250000 0
44.3603865 50	26.153 292020	-0.80	-0.70	-1.23	0.22	0.23	0.42	560000 0	250000 0
44.2617212 40	26.767 184740	-0.67	-0.27	-1.36	0.25	0.25	0.43	565000 0	250000 0
44.1594462 10	27.379 155310	-0.88	-0.16	-1.06	0.21	0.21	0.36	570000 0	250000 0
44.0535797 50	27.989 149420	-0.89	-0.23	-0.85	0.29	0.29	0.49	575000 0	250000 0
43.9441405 70	28.597 114530	-0.49	-0.45	-1.09	0.21	0.21	0.41	580000 0	250000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
43.8311478	29.202999850	-0.39	-0.38	-1.21	0.35	0.35	0.62	5850000	2500000
42.6576463	34.554900361	0.48	-0.47	-1.52	0.40	0.40	0.72	6300000	2500000
42.5102500	35.137596969	0.57	-0.46	-1.76	0.37	0.37	0.65	6350000	2500000
42.3595329	35.717776307	0.57	-0.55	-1.68	0.38	0.38	0.67	6400000	2500000
41.3867708	39.144510350	1.43	-0.60	-0.83	0.38	0.38	0.68	6700000	2500000
41.2134491	39.706366760	1.68	-0.58	-0.88	0.31	0.31	0.61	6750000	2500000
41.0369908	40.265526580	1.82	-0.64	-0.97	0.31	0.31	0.62	6800000	2500000
40.8574193	40.821975230	1.91	-0.42	-0.60	0.35	0.35	0.66	6850000	2500000
40.6747580	41.375699780	2.29	-0.08	-0.13	0.32	0.31	0.61	6900000	2500000
40.4890300	41.926688930	3.19	0.23	0.25	0.32	0.32	0.60	6950000	2500000
40.3002587	42.474932990	3.99	0.61	0.45	0.32	0.32	0.57	7000000	2500000
40.1084673	43.020423850	3.96	1.01	0.48	0.31	0.31	0.52	7050000	2500000
39.9136791	43.563154950	4.30	1.70	0.15	0.32	0.31	0.55	7100000	2500000
39.7159170	44.103121240	5.18	2.57	-0.39	0.32	0.31	0.58	7150000	2500000
39.5152041	44.640319150	5.11	2.57	-0.70	0.35	0.35	0.65	7200000	2500000
39.3115633	45.174746580	3.30	1.59	-0.66	0.41	0.41	0.75	7250000	2500000
39.1050173	45.706402830	1.96	0.92	-0.63	0.43	0.44	0.81	7300000	2500000
43.2998653	-9.559374859	0.09	-0.24	-1.12	0.41	0.41	0.74	2750000	2450000
43.4148230	-8.959368179	0.19	-0.30	-1.33	0.35	0.36	0.63	2800000	2450000
43.5262693	-8.357303188	0.28	-0.31	-1.48	0.21	0.26	0.43	2850000	2450000
43.6341852	-7.753228023	0.05	-0.28	-0.69	0.20	0.22	0.39	2900000	2450000
43.7385523	-7.147192537	0.19	-0.36	-0.64	0.30	0.30	0.50	2950000	2450000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
43.839352560	-6.539248279	0.34	-0.39	-0.67	0.32	0.32	0.54	3000000	2450000
43.936568200	-5.929448470	0.38	-0.21	-0.69	0.33	0.33	0.57	3050000	2450000
44.030182140	-5.317847976	0.27	-0.08	-0.82	0.37	0.37	0.64	3100000	2450000
44.515331240	-1.613701948	0.02	-0.25	-1.09	0.31	0.31	0.54	3400000	2450000
44.583295190	-0.991163863	0.01	-0.23	-1.13	0.25	0.25	0.42	3450000	2450000
44.647538930	-0.367318933	-0.05	-0.12	-1.32	0.24	0.24	0.41	3500000	2450000
44.708050290	0.257764901	-0.06	-0.19	-1.48	0.27	0.27	0.47	3550000	2450000
44.764817700	0.884018496	-0.10	-0.16	-1.46	0.26	0.26	0.47	3600000	2450000
44.817830280	1.511371556	-0.07	-0.04	-1.34	0.28	0.28	0.48	3650000	2450000
44.867077780	2.139752702	0.03	-0.05	-1.26	0.25	0.26	0.45	3700000	2450000
44.912550660	2.769089531	0.02	-0.18	-1.19	0.28	0.28	0.48	3750000	2450000
44.954240060	3.399308686	-0.03	-0.23	-1.18	0.26	0.26	0.44	3800000	2450000
44.992137800	4.030335921	-0.05	-0.16	-1.15	0.26	0.26	0.45	3850000	2450000
45.026236460	4.662096176	-0.04	-0.17	-1.07	0.26	0.26	0.46	3900000	2450000
45.056529290	5.294513645	-0.08	-0.30	-0.74	0.25	0.25	0.44	3950000	2450000
45.083010300	5.927511853	-0.19	-0.38	-0.11	0.23	0.23	0.41	4000000	2450000
45.105674250	6.561013731	-0.30	-0.28	0.40	0.25	0.25	0.44	4050000	2450000
45.124516630	7.194941694	-0.32	-0.15	0.38	0.26	0.25	0.44	4100000	2450000
45.139533670	7.829217719	-0.17	-0.15	-0.02	0.24	0.24	0.40	4150000	2450000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
45.1616066 60	9.7333 49020	0.66	0.05	-1.05	0.25	0.26	0.44	430000 0	245000 0
45.1613000 30	10.368 231080	1.05	0.07	-1.29	0.26	0.26	0.44	435000 0	245000 0
45.1571607 20	11.003 067320	1.51	0.01	-1.47	0.23	0.23	0.39	440000 0	245000 0
45.1491895 60	11.637 778770	1.60	0.06	-1.96	0.25	0.25	0.42	445000 0	245000 0
45.1373881 40	12.272 286610	1.62	0.05	-2.79	0.24	0.25	0.43	450000 0	245000 0
45.1217588 20	12.906 512200	1.97	0.02	-2.67	0.32	0.32	0.55	455000 0	245000 0
45.1023047 20	13.540 377220	2.07	0.05	-2.34	0.31	0.32	0.56	460000 0	245000 0
45.0790297 20	14.173 803720	2.05	0.13	-1.81	0.36	0.37	0.64	465000 0	245000 0
45.0519384 40	14.806 714170	2.06	0.29	-1.55	0.38	0.38	0.68	470000 0	245000 0
45.0210362 60	15.439 031610	2.23	0.56	-1.62	0.37	0.36	0.67	475000 0	245000 0
44.9863292 80	16.070 679650	2.38	0.87	-1.79	0.34	0.33	0.66	480000 0	245000 0
44.9478243 50	16.701 582620	2.08	0.99	-1.77	0.35	0.35	0.65	485000 0	245000 0
44.9055290 30	17.331 665570	1.64	0.96	-1.79	0.35	0.35	0.63	490000 0	245000 0
44.8594516 00	17.960 854400	1.36	0.95	-2.07	0.33	0.32	0.60	495000 0	245000 0
44.8096010 20	18.589 075890	1.16	1.02	-2.39	0.31	0.30	0.57	500000 0	245000 0
44.7559869 60	19.216 257800	0.73	1.10	-2.27	0.28	0.28	0.49	505000 0	245000 0
44.6986197 70	19.842 328930	0.12	1.00	-1.88	0.25	0.25	0.43	510000 0	245000 0
44.6375104 40	20.467 219160	-0.42	0.75	-1.40	0.25	0.25	0.43	515000 0	245000 0
44.5726706 30	21.090 859520	-0.76	0.70	-0.98	0.27	0.27	0.46	520000 0	245000 0
44.5041126 20	21.713 182290	-1.12	0.41	-0.70	0.28	0.28	0.47	525000 0	245000 0
44.4318493 30	22.334 121000	-1.61	-0.35	-0.67	0.27	0.27	0.46	530000 0	245000 0
44.3558942 60	22.953 610490	-1.79	-0.86	-0.91	0.28	0.28	0.47	535000 0	245000 0
44.2762615 20	23.571 587020	-1.62	-0.84	-1.11	0.26	0.26	0.44	540000 0	245000 0
44.1929657 60	24.187 988230	-1.38	-0.47	-0.81	0.28	0.28	0.47	545000 0	245000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east ing	north ing
44.10602220	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
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
39.8942070	42.250769550	4.54	0.21	0.53	0.29	0.30	0.56	7000000	2450000
39.7038421	42.793766790	3.62	0.43	0.73	0.26	0.26	0.48	7050000	2450000
39.5104911	43.334073280	3.80	1.09	0.36	0.31	0.31	0.55	7100000	2450000
39.3141765	43.871683530	4.73	1.92	-0.27	0.35	0.35	0.61	7150000	2450000
39.1149209	44.406593490	4.62	2.19	-0.65	0.36	0.37	0.64	7200000	2450000
38.9127464	44.938800540	3.01	1.42	-0.62	0.41	0.42	0.74	7250000	2450000
38.7076754	45.468303440	1.81	0.84	-0.59	0.44	0.44	0.80	7300000	2450000
38.4997300	45.995102290	1.06	0.48	-0.58	0.44	0.44	0.84	7350000	2450000
37.9270799	-26.197628330	-0.20	-2.71	-2.60	0.36	0.36	0.61	1250000	2400000
38.1359560	-25.675124430	-0.14	-2.56	-2.53	0.34	0.34	0.57	1300000	2400000
38.3419839	-25.149981960	-0.08	-1.65	-2.21	0.39	0.39	0.68	1350000	2400000
42.8657406	-9.411403671	0.07	-0.34	-1.09	0.38	0.38	0.67	2750000	2400000
42.9797131	-8.815422826	0.17	-0.45	-1.20	0.27	0.28	0.47	2800000	2400000
43.0901996	-8.217444208	0.33	-0.42	-1.30	0.26	0.27	0.45	2850000	2400000
43.1971816	-7.617514844	0.25	-0.26	-0.98	0.22	0.23	0.40	2900000	2400000
43.3006412	-7.015683406	0.13	-0.40	-0.90	0.20	0.21	0.35	2950000	2400000
43.4005610	-6.412000190	0.33	-0.55	-0.86	0.23	0.23	0.37	3000000	2400000
43.4969239	-5.806517087	0.51	-0.26	-0.68	0.17	0.17	0.29	3050000	2400000
43.5897131	-5.199287565	0.32	-0.04	-0.81	0.27	0.27	0.45	3100000	2400000
43.6789126	-	0.17	-0.08	-1.11	0.32	0.32	0.53	3150000	2400000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northиng
60	4.5903 66632							0	0
43.7645067 00	- 3.9798 10808	0.08	-0.14	-1.41	0.32	0.32	0.55	320000 0	240000 0
43.8464801 30	- 3.3676 78087	0.01	-0.19	-1.44	0.35	0.35	0.60	325000 0	240000 0
43.9248182 90	- 2.7540 27899	-0.02	-0.20	-1.33	0.38	0.38	0.65	330000 0	240000 0
43.9995070 70	- 2.1389 21071	-0.02	-0.18	-1.19	0.37	0.37	0.62	335000 0	240000 0
44.0705329 10	- 1.5224 19783	-0.05	-0.18	-0.96	0.30	0.30	0.51	340000 0	240000 0
44.1378828 30	- 0.9045 87519	-0.07	-0.12	-0.88	0.25	0.25	0.43	345000 0	240000 0
44.2015444 30	- 0.2854 89019	-0.02	-0.08	-1.14	0.26	0.26	0.45	350000 0	240000 0
44.2615059 20	0.3348 09770	-0.02	-0.13	-1.41	0.26	0.26	0.46	355000 0	240000 0
44.3177561 40	0.9562 41752	-0.08	-0.09	-1.47	0.27	0.27	0.47	360000 0	240000 0
44.3702845 30	1.5787 38736	-0.05	-0.08	-1.39	0.28	0.28	0.48	365000 0	240000 0
44.4190812 00	2.2022 31499	0.03	-0.19	-1.24	0.29	0.29	0.50	370000 0	240000 0
44.4641369 00	2.8266 49843	0.05	-0.31	-1.07	0.27	0.27	0.47	375000 0	240000 0
44.5054430 80	3.4519 22658	-0.01	-0.27	-0.96	0.27	0.27	0.46	380000 0	240000 0
44.5429918 40	4.0779 77992	-0.04	-0.15	-0.94	0.28	0.28	0.47	385000 0	240000 0
44.5767759 70	4.7047 43118	-0.05	-0.16	-0.96	0.27	0.27	0.47	390000 0	240000 0
44.6067889 80	5.3321 44595	-0.11	-0.28	-0.73	0.27	0.27	0.48	395000 0	240000 0
44.6330250 80	5.9601 08352	-0.22	-0.33	-0.25	0.27	0.27	0.49	400000 0	240000 0
44.6554791 70	6.5885 59747	-0.26	-0.18	0.13	0.23	0.23	0.45	405000 0	240000 0
44.6741469 10	7.2174 23650	-0.22	0.03	0.01	0.27	0.27	0.48	410000 0	240000 0
44.6890246 70	7.8466 24514	-0.08	0.09	-0.31	0.25	0.25	0.43	415000 0	240000 0



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
43.833608300	23.465722860	-1.70	-0.42	-0.95	0.27	0.27	0.48	5400000	2400000
43.751054570	24.077607230	-1.36	-0.13	-0.67	0.24	0.25	0.42	5450000	2400000
43.664882630	24.687905330	-1.07	-0.18	-0.65	0.25	0.25	0.43	5500000	2400000
43.575107710	25.296559400	-1.07	-0.14	-0.83	0.26	0.26	0.44	5550000	2400000
43.481745590	25.903513150	-1.28	0.04	-0.90	0.25	0.25	0.41	5600000	2400000
43.384812510	26.508711820	-1.37	-0.29	-0.72	0.26	0.26	0.45	5650000	2400000
43.284325180	27.112102200	-1.26	-0.80	-0.55	0.26	0.26	0.47	5700000	2400000
43.180300740	27.713632650	-1.08	-0.53	-0.61	0.25	0.25	0.44	5750000	2400000
43.072756800	28.313253120	-0.99	-0.43	-0.73	0.29	0.28	0.51	5800000	2400000
42.961711330	28.910915210	-0.76	-0.45	-0.83	0.38	0.38	0.68	5850000	2400000
42.222960880	32.453260410	0.42	-0.64	-0.88	0.36	0.36	0.63	6150000	2400000
42.087938860	33.035998660	0.71	-0.74	-0.99	0.33	0.32	0.56	6200000	2400000
41.949571650	33.616451710	0.89	-1.12	-1.25	0.34	0.31	0.62	6250000	2400000
41.807880030	34.194586420	0.72	-1.34	-1.48	0.35	0.34	0.62	6300000	2400000
41.662885030	34.770371310	0.45	-1.73	-1.69	0.29	0.28	0.54	6350000	2400000
41.514607840	35.343776670	0.82	-2.45	-1.49	0.31	0.31	0.57	6400000	2400000
41.363069840	35.914774440	0.86	-2.15	-1.19	0.33	0.32	0.61	6450000	2400000
41.208292560	36.483338290	0.75	-1.20	-1.04	0.34	0.33	0.63	6500000	2400000
41.050297670	37.049443550	0.85	-0.88	-0.89	0.40	0.40	0.68	6550000	2400000
40.889106960	37.613067240	1.17	-0.80	-0.79	0.38	0.38	0.64	6600000	2400000
40.724742320	38.174188020	1.67	-0.87	-0.68	0.30	0.30	0.50	6650000	2400000
40.557225720	38.732786190	1.59	-0.78	-0.58	0.34	0.34	0.57	6700000	2400000
40.386579200	39.288843680	1.45	-0.72	-0.54	0.31	0.31	0.59	6750000	2400000
40.212824850	39.842344030	1.50	-0.53	-0.46	0.31	0.31	0.60	6800000	2400000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east in g	north in g
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	-6.886772257	-0.10	-0.38	-1.10	0.27	0.27	0.46	2950000	2350000
42.961376430	-6.2872	-0.16	-0.52	-1.01	0.23	0.23	0.38	3000000	2350000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
20	27694							0	0
44.2051280	6.615533029	-0.18	-0.09	-0.31	0.27	0.27	0.49	4050000	2350000
44.2236249	7.239437828	-0.18	0.02	-0.39	0.26	0.26	0.47	4100000	2350000
44.2383664	7.863668921	-0.15	0.05	-0.50	0.24	0.24	0.42	4150000	2350000
44.2493496	8.488152817	-0.04	-0.05	-0.61	0.25	0.26	0.43	4200000	2350000
44.2565726	9.112815771	0.07	-0.08	-0.82	0.24	0.25	0.43	4250000	2350000
44.2600340	9.737583858	0.27	0.09	-1.14	0.23	0.23	0.41	4300000	2350000
44.2597330	10.362383050	1.02	0.29	-1.15	0.24	0.24	0.41	4350000	2350000
44.2556697	10.987139290	2.15	0.39	-0.87	0.25	0.26	0.43	4400000	2350000
44.2478450	11.611778560	2.84	0.52	-1.15	0.23	0.24	0.40	4450000	2350000
44.2362602	12.236226950	2.79	0.69	-1.65	0.27	0.28	0.47	4500000	2350000
44.2209177	12.860410770	2.93	0.87	-1.53	0.30	0.31	0.52	4550000	2350000
44.2018203	13.484256560	2.88	0.84	-1.19	0.35	0.36	0.61	4600000	2350000
44.1789716	14.107691220	2.67	0.71	-1.07	0.38	0.38	0.65	4650000	2350000
44.1523760	14.730642040	2.61	0.54	-1.11	0.33	0.34	0.57	4700000	2350000
44.1220384	15.353036800	2.72	0.45	-1.22	0.21	0.21	0.37	4750000	2350000
44.0879647	15.974803830	2.41	0.64	-1.35	0.36	0.36	0.62	4800000	2350000
44.0501612	16.595872070	2.32	0.89	-1.57	0.36	0.36	0.66	4850000	2350000
44.0086349	17.216171150	2.20	1.15	-1.90	0.34	0.34	0.63	4900000	2350000
43.9633936	17.835631450	1.77	1.03	-2.12	0.32	0.33	0.60	4950000	2350000
43.9144458	18.454184160	1.27	0.66	-2.06	0.25	0.26	0.52	5000000	2350000
43.8618004	19.071761350	0.96	0.59	-1.93	0.32	0.32	0.56	5050000	2350000
43.8054671	19.688296030	0.44	0.52	-1.51	0.27	0.27	0.47	5100000	2350000
43.7454562	20.303722210	-0.25	0.80	-0.95	0.26	0.26	0.46	5150000	2350000
43.6817786	20.917	-0.80	1.07	-0.38	0.29	0.29	0.50	5200000	2350000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40	974920							0	0
43.614445900	21.530990330	-1.24	1.00	-0.11	0.27	0.27	0.47	5250000	2350000
43.543470080	22.142705770	-1.49	0.59	-0.45	0.26	0.26	0.45	5300000	2350000
43.468863840	22.753059740	-1.68	0.23	-0.93	0.26	0.27	0.48	5350000	2350000
43.390640380	23.361992030	-1.68	0.06	-0.96	0.25	0.26	0.49	5400000	2350000
43.308813460	23.969443700	-1.52	-0.21	-0.59	0.23	0.23	0.42	5450000	2350000
43.223397350	24.575357180	-1.29	-0.34	-0.78	0.24	0.24	0.42	5500000	2350000
43.134406830	25.179676250	-1.23	0.02	-0.99	0.28	0.28	0.47	5550000	2350000
43.041857160	25.782346110	-1.31	0.14	-0.96	0.26	0.26	0.43	5600000	2350000
42.945764090	26.383313430	-1.30	-0.35	-0.66	0.28	0.28	0.47	5650000	2350000
42.846143800	26.982526330	-1.20	-0.62	-0.49	0.29	0.29	0.51	5700000	2350000
42.743012920	27.579934470	-1.30	-0.57	-0.48	0.25	0.25	0.47	5750000	2350000
42.636388500	28.175489010	-1.32	-0.63	-0.59	0.29	0.29	0.57	5800000	2350000
41.924280260	31.707355450	-0.01	-1.13	-0.79	0.40	0.40	0.72	6100000	2350000
41.793709590	32.288700930	0.41	-1.08	-0.75	0.32	0.32	0.55	6150000	2350000
41.659794570	32.867859710	0.77	-1.20	-0.79	0.26	0.26	0.44	6200000	2350000
41.522555170	33.444797510	0.89	-1.51	-0.94	0.32	0.33	0.57	6250000	2350000
41.382011580	34.019481710	0.79	-1.76	-1.07	0.31	0.32	0.58	6300000	2350000
41.238184230	34.591881310	6.12	-12.22	-1.14	0.40	0.51	0.59	6350000	2350000
41.091093720	35.161966980	6.13	-12.44	-1.01	0.38	0.49	0.57	6400000	2350000
40.940760820	35.729711040	6.26	-13.34	-0.93	0.32	0.45	0.54	6450000	2350000
40.787206470	36.295087410	6.10	-13.25	-0.85	0.32	0.46	0.58	6500000	2350000
40.630451740	36.858071660	5.63	-12.44	-0.72	0.34	0.47	0.62	6550000	2350000
40.470517840	37.418640970	5.14	-12.01	-0.70	0.29	0.42	0.59	6600000	2350000
40.3074260	37.976	5.54	-12.47	-0.43	0.30	0.44	0.56	6650000	2350000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
60	774110							0	0
40.1411977	38.532	5.88	-13.14	-0.40	0.29	0.44	0.56	670000	235000
80	451430							0	0
39.9718544	39.085	5.64	-13.19	-0.55	0.29	0.44	0.58	675000	235000
60	654860							0	0
39.7994176	39.636	4.85	-12.53	-0.71	0.34	0.46	0.62	680000	235000
10	367880							0	0
39.6239087	40.184	12.16	-8.73	-0.41	0.39	0.43	0.65	685000	235000
70	575510							0	0
39.4453495	40.730	12.78	-8.76	0.05	0.40	0.44	0.63	690000	235000
00	264250							0	0
39.2637613	41.273	13.46	-8.28	0.16	0.42	0.44	0.62	695000	235000
70	422140							0	0
39.0791659	41.814	14.03	-7.40	0.08	0.42	0.43	0.64	700000	235000
30	038650							0	0
38.8915847	42.352	14.49	-6.34	0.07	0.40	0.40	0.68	705000	235000
20	104700							0	0
38.7010392	42.887	15.13	-5.47	-0.04	0.42	0.40	0.68	710000	235000
20	612660							0	0
38.5075508	43.420	15.90	-4.66	-0.19	0.41	0.37	0.63	715000	235000
70	556260							0	0
38.3111410	43.950	16.99	-4.52	-0.26	0.38	0.29	0.51	720000	235000
40	930620							0	0
38.1118310	44.478	17.28	-5.13	-0.29	0.44	0.35	0.60	725000	235000
00	732210							0	0
37.9096419	45.003	17.06	-5.38	-0.35	0.51	0.40	0.74	730000	235000
50	958800							0	0
37.7045949	45.526	17.30	-5.44	-0.42	0.56	0.43	0.81	735000	235000
70	609470							0	0
37.4967110	46.046	17.75	-5.38	-0.50	0.59	0.44	0.84	740000	235000
10	684550							0	0
37.1321129	-25.733	-0.34	-3.17	-2.12	0.35	0.36	0.61	125000	230000
80	499710							0	0
37.3381216	-25.215	-0.36	-3.38	-2.23	0.30	0.31	0.50	130000	230000
70	020840							0	0
37.5412980	-24.694	-0.21	-2.23	-2.02	0.36	0.37	0.63	135000	230000
30	027580							0	0
41.9960365	-9.1240	-0.01	-0.58	-1.15	0.31	0.32	0.54	275000	230000
50	17126							0	0
42.1080961	-8.5358	0.07	-0.66	-1.24	0.24	0.24	0.40	280000	230000
30	89443							0	0
42.2167191	-7.9458	0.23	-0.54	-1.32	0.22	0.23	0.39	285000	230000
50	78839							0	0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
42.3218883	-7.354030191	0.12	-0.37	-1.27	0.25	0.26	0.43	2900000	2300000
42.4235869	-6.760389880	-0.17	-0.39	-1.17	0.24	0.25	0.43	2950000	2300000
42.5217984	-6.165005781	-0.19	-0.51	-0.99	0.24	0.24	0.40	3000000	2300000
42.6165067	-5.567927230	0.06	-0.55	-0.87	0.24	0.24	0.39	3050000	2300000
42.7076962	-4.969205005	0.29	-0.50	-0.98	0.29	0.29	0.49	3100000	2300000
42.7953517	-4.368891294	0.33	-0.50	-1.20	0.28	0.28	0.47	3150000	2300000
42.8794585	-3.767039667	0.17	-0.49	-1.31	0.26	0.26	0.43	3200000	2300000
42.9600025	-3.163705040	-0.11	-0.42	-1.21	0.24	0.24	0.39	3250000	2300000
43.0369697	-2.558943640	-0.18	-0.31	-1.18	0.23	0.23	0.38	3300000	2300000
43.1103471	-1.952812970	-0.08	-0.19	-1.19	0.22	0.22	0.36	3350000	2300000
43.1801218	-1.345371762	-0.12	-0.08	-0.94	0.24	0.24	0.40	3400000	2300000
43.2462818	-0.736679941	-0.20	-0.05	-0.73	0.23	0.23	0.39	3450000	2300000
43.3088153	-0.126798572	-0.12	-0.14	-0.75	0.24	0.24	0.41	3500000	2300000
43.3677115	0.484210180	-0.02	-0.23	-0.85	0.24	0.24	0.42	3550000	2300000
43.4229597	1.096283105	0.02	-0.27	-0.98	0.25	0.25	0.42	3600000	2300000
43.4745501	1.709355999	-0.02	-0.29	-1.06	0.25	0.25	0.42	3650000	2300000
43.5224735	2.323363719	-0.10	-0.26	-0.93	0.26	0.26	0.45	3700000	2300000
43.5667213	2.938240236	-0.18	-0.19	-0.78	0.23	0.23	0.40	3750000	2300000
43.6072853	3.553918695	-0.15	-0.12	-0.97	0.24	0.24	0.40	3800000	2300000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east in g	north in g
43.414365560	19.001717440	1.06	0.33	-1.60	0.34	0.34	0.60	5050000	2300000
43.358532990	19.613624390	0.43	0.07	-1.10	0.21	0.22	0.45	5100000	2300000
43.299054160	20.224456980	-0.25	0.58	-0.89	0.27	0.28	0.50	5150000	2300000
43.235939610	20.834152170	-0.93	0.84	-0.64	0.28	0.28	0.50	5200000	2300000
43.169200500	21.442647970	-1.51	0.68	-0.52	0.27	0.27	0.48	5250000	2300000
43.098848510	22.049883490	-1.79	0.43	-0.88	0.27	0.28	0.48	5300000	2300000
43.024895910	22.655798990	-1.86	0.48	-1.40	0.24	0.24	0.42	5350000	2300000
42.947355490	23.260335940	-1.88	0.29	-1.17	0.26	0.26	0.45	5400000	2300000
42.866240560	23.863437030	-1.84	-0.18	-0.63	0.24	0.24	0.42	5450000	2300000
42.781564960	24.465046240	-1.71	-0.22	-0.66	0.23	0.23	0.40	5500000	2300000
42.693342990	25.065108880	-1.43	0.22	-0.84	0.26	0.26	0.43	5550000	2300000
42.601589440	25.663571590	-1.14	0.15	-0.72	0.26	0.26	0.44	5600000	2300000
42.506319580	26.260382400	-1.05	-0.23	-0.53	0.27	0.27	0.47	5650000	2300000
42.407549090	26.855490770	-0.96	0.03	-0.47	0.29	0.29	0.51	5700000	2300000
42.305294100	27.448847600	-1.10	0.13	-0.47	0.23	0.23	0.46	5750000	2300000
42.199571120	28.040405240	-1.43	-0.69	-0.54	0.23	0.23	0.56	5800000	2300000
42.090397080	28.630117550	-1.22	-0.77	-0.62	0.36	0.36	0.68	5850000	2300000
41.619541350	30.969643930	-0.60	-1.85	-0.82	0.41	0.41	0.74	6050000	2300000
41.493378190	31.549490950	-0.27	-1.81	-0.71	0.40	0.40	0.71	6100000	2300000
41.363872690	32.127248080	0.16	-1.77	-0.62	0.35	0.35	0.60	6150000	2300000
41.231043980	32.702880040	0.56	-2.16	-0.58	0.10	0.10	0.27	6200000	2300000
41.094911470	33.276353150	0.65	-1.72	-0.54	0.34	0.35	0.55	6250000	2300000
40.955494770	33.847635330	1.47	-19.84	-0.50	0.35	0.36	0.55	6300000	2300000
40.812813720	34.416696060	2.54	-19.46	-0.62	0.36	0.36	0.59	6350000	2300000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east in g	north in g
40.6668883	34.983506420	3.52	-18.73	-0.77	0.29	0.28	0.52	6400000	2300000
40.5177388	35.548039080	4.92	-20.02	-0.80	0.29	0.30	0.54	6450000	2300000
40.3653855	36.110268280	5.91	-19.79	-0.66	0.30	0.31	0.55	6500000	2300000
40.2098490	36.670169800	6.51	-18.68	-0.43	0.28	0.29	0.53	6550000	2300000
40.0511498	37.227721020	7.20	-18.35	-0.34	0.30	0.30	0.55	6600000	2300000
39.8893087	37.782900820	8.42	-17.87	-0.42	0.32	0.33	0.59	6650000	2300000
39.7243465	38.335689660	9.62	-17.63	-0.63	0.31	0.31	0.58	6700000	2300000
39.5562841	38.886069470	5.30	-13.05	-0.94	0.31	0.45	0.59	6750000	2300000
39.3851423	39.434023720	4.12	-12.46	-1.22	0.30	0.44	0.58	6800000	2300000
39.2109423	39.979537340	11.37	-8.39	-0.83	0.33	0.36	0.61	6850000	2300000
39.0337050	40.522596730	12.28	-9.14	-0.15	0.33	0.35	0.62	6900000	2300000
38.8534514	41.063189740	13.22	-8.32	0.07	0.38	0.40	0.65	6950000	2300000
38.6702025	41.601305660	13.84	-7.20	0.07	0.39	0.39	0.66	7000000	2300000
38.4839794	42.136935150	14.18	-5.91	-0.02	0.34	0.33	0.67	7050000	2300000
38.2948029	42.670070280	14.97	-5.20	-0.12	0.39	0.35	0.68	7100000	2300000
38.1026940	43.200704470	15.96	-4.66	-0.24	0.39	0.32	0.63	7150000	2300000
37.9076736	43.728832480	17.06	-5.01	-0.17	0.38	0.30	0.54	7200000	2300000
37.7097623	44.254450360	16.90	-5.20	-0.17	0.42	0.33	0.60	7250000	2300000
37.5089809	44.777555470	16.35	-5.19	-0.21	0.46	0.36	0.71	7300000	2300000
37.3053500	45.298146410	16.87	-5.18	-0.35	0.53	0.42	0.79	7350000	2300000
37.0988901	45.816223040	17.48	-5.09	-0.46	0.58	0.44	0.84	7400000	2300000
36.7329471	-25.507115970	-0.40	-2.90	-1.84	0.35	0.37	0.62	1250000	2250000
36.9375546	-24.990636010	-0.55	-3.72	-1.95	0.23	0.27	0.42	1300000	2250000
37.1393379	-	-0.30	-2.27	-1.76	0.38	0.39	0.67	1350000	2250000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
20	24.471701580							0	0
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
42.862072300	-0.049846022	-0.28	-0.07	-0.56	0.26	0.26	0.43	3500000	2250000
42.9204522	0.5566	-0.19	-0.11	-0.55	0.24	0.24	0.41	3550000	2250000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
80	52848							0	0
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
43.188857210	15.882824730	2.38	0.69	-0.92	0.38	0.38	0.68	4800000	2250000
43.1517256	16.494	2.38	0.69	-1.14	0.35	0.35	0.65	4850000	2250000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
60	451880							0	0
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
41.308854290	30.240099730	-1.19	-2.62	-0.91	0.37	0.37	0.64	6000000	2250000
41.1870541	30.818	-1.09	-3.03	-0.86	0.37	0.37	0.66	6050000	2250000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
70	348320							0	0
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
37.503172900	43.510452690	16.21	-5.07	-0.16	0.44	0.38	0.70	7200000	2250000
37.3066386	44.033	16.14	-5.10	-0.15	0.45	0.38	0.71	725000	2250000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
30	900380							0	0
37.1072432	44.554896010	15.88	-5.01	-0.17	0.45	0.36	0.73	7300000	2250000
36.9050067	45.073437750	16.63	-4.95	-0.33	0.52	0.42	0.80	7350000	2250000
36.6999492	45.589525000	17.30	-4.81	-0.45	0.57	0.45	0.84	7400000	2250000
36.3326791	-25.284421370	-0.29	-1.98	-1.54	0.40	0.41	0.73	1250000	2200000
36.5359066	-24.769930350	-0.33	-2.23	-1.58	0.38	0.39	0.69	1300000	2200000
41.0108142	-9.42626659	-0.05	-0.57	-1.14	0.38	0.38	0.68	2700000	2200000
41.1244060	-8.847552893	-0.04	-0.76	-1.20	0.28	0.28	0.50	2750000	2200000
41.2346260	-8.267021931	0.02	-0.78	-1.16	0.27	0.28	0.47	2800000	2200000
41.3414574	-7.684715176	0.13	-0.67	-1.07	0.28	0.28	0.47	2850000	2200000
41.4448841	-7.100675438	0.24	-0.65	-1.20	0.24	0.25	0.41	2900000	2200000
41.5448902	-6.514946913	0.26	-0.67	-1.31	0.25	0.25	0.41	2950000	2200000
41.6414602	-5.927575165	0.12	-0.60	-1.09	0.27	0.27	0.44	3000000	2200000
41.7345791	-5.338607101	0.08	-0.47	-1.00	0.25	0.25	0.41	3050000	2200000
41.8242322	-4.748090949	0.10	-0.40	-1.26	0.22	0.22	0.37	3100000	2200000
41.9104052	-4.156076230	0.10	-0.45	-1.39	0.29	0.29	0.47	3150000	2200000
41.9930842	-3.562613728	0.03	-0.46	-1.30	0.30	0.30	0.50	3200000	2200000
42.0722559	-2.967755461	-0.13	-0.44	-1.08	0.26	0.26	0.43	3250000	2200000
42.1479075	-2.3715	-0.27	-0.41	-0.79	0.24	0.24	0.39	3300000	2200000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
	54646								
42.220026480	-1.774065661	-0.33	-0.33	-0.70	0.23	0.23	0.37	3350000	2200000
42.288600900	-1.175344014	-0.31	-0.18	-0.66	0.23	0.23	0.38	3400000	2200000
42.353619360	-0.575446294	-0.33	-0.01	-0.61	0.23	0.23	0.40	3450000	2200000
42.415070990	0.025569865	-0.35	0.00	-0.56	0.25	0.25	0.42	3500000	2200000
42.472945440	0.627645827	-0.33	-0.11	-0.52	0.28	0.28	0.48	3550000	2200000
42.527232880	1.230722007	-0.32	-0.13	-0.51	0.26	0.26	0.44	3600000	2200000
42.577924070	1.834737912	-0.25	-0.06	-0.53	0.23	0.23	0.40	3650000	2200000
42.625010330	2.439632192	-0.11	0.06	-0.46	0.20	0.20	0.36	3700000	2200000
42.668483570	3.045342696	-0.12	-0.03	-0.62	0.24	0.24	0.43	3750000	2200000
42.708336260	3.651806518	-0.14	-0.12	-0.97	0.34	0.34	0.57	3800000	2200000
42.777152970	4.866739075	-0.08	-0.20	-1.36	0.37	0.37	0.64	3900000	2200000
42.806104990	5.475078743	-0.17	-0.20	-1.23	0.34	0.34	0.60	3950000	2200000
42.831412480	6.083913712	-0.34	-0.23	-1.02	0.28	0.29	0.51	4000000	2200000
42.853071000	6.693178166	-0.21	-0.24	-1.07	0.32	0.32	0.56	4050000	2200000
42.871076730	7.302805888	-0.09	-0.25	-1.15	0.37	0.38	0.65	4100000	2200000
42.896117760	8.522884600	0.07	-0.30	-1.09	0.34	0.35	0.59	4200000	2200000
42.903148640	9.133201688	0.15	-0.28	-1.01	0.28	0.28	0.48	4250000	2200000
42.906517880	9.743614362	0.16	-0.44	-1.14	0.26	0.26	0.44	4300000	2200000
42.906224900	10.354055320	0.19	-0.86	-1.22	0.25	0.26	0.44	4350000	2200000
42.902269730	10.964457220	0.47	-1.32	-0.75	0.21	0.22	0.38	4400000	2200000
42.894653090	11.574752770	0.89	-1.54	-0.28	0.23	0.24	0.41	4450000	2200000
42.883376320	12.184874780	1.21	-1.44	-0.47	0.22	0.23	0.39	4500000	2200000
42.8684414	12.794	1.94	-0.50	-0.55	0.25	0.25	0.43	4550000	2200000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
10	756220							0	0
42.8498510	13.404330280	2.97	0.93	-0.32	0.23	0.24	0.41	4600000	2200000
42.8276083	14.013530460	3.00	1.58	-0.44	0.23	0.25	0.43	4650000	2200000
42.8017174	14.622290590	2.76	1.34	-0.59	0.34	0.35	0.59	4700000	2200000
42.7721827	15.230544930	2.59	1.01	-0.71	0.38	0.39	0.67	4750000	2200000
42.7390094	15.838228220	2.49	0.79	-0.87	0.39	0.39	0.69	4800000	2200000
42.7022034	16.445275700	2.45	0.70	-1.11	0.39	0.39	0.70	4850000	2200000
42.6617709	17.051623250	2.51	0.70	-1.47	0.39	0.39	0.68	4900000	2200000
42.6177191	17.657207370	2.77	0.73	-1.91	0.33	0.33	0.56	4950000	2200000
42.5700555	18.261965260	2.76	0.61	-2.03	0.24	0.25	0.42	5000000	2200000
42.5187883	18.865834910	1.58	0.18	-1.36	0.35	0.36	0.61	5050000	2200000
42.4639263	19.468755100	0.61	-0.02	-0.76	0.33	0.33	0.59	5100000	2200000
42.4054788	20.070665470	-0.34	0.27	-0.41	0.20	0.23	0.47	5150000	2200000
42.3434558	20.671506600	-1.42	0.80	-0.75	0.27	0.28	0.52	5200000	2200000
42.2778676	21.271219990	-2.13	1.07	-0.85	0.27	0.28	0.50	5250000	2200000
42.2087253	21.869748190	-2.58	0.92	-0.76	0.26	0.26	0.45	5300000	2200000
42.1360403	22.467034770	-3.00	0.46	-0.56	0.24	0.24	0.42	5350000	2200000
42.0598247	23.063024400	-3.15	0.27	-0.34	0.24	0.24	0.41	5400000	2200000
41.9800909	23.657662890	-2.93	0.45	-0.20	0.24	0.24	0.40	5450000	2200000
41.8968519	24.250897210	-2.64	0.41	-0.28	0.28	0.28	0.46	5500000	2200000
41.8101212	24.842675540	-2.34	0.06	-0.42	0.25	0.25	0.43	5550000	2200000
41.7199126	25.432947290	-1.93	-0.22	-0.53	0.23	0.23	0.40	5600000	2200000
41.6262406	26.021663150	-1.46	-0.15	-0.62	0.24	0.25	0.42	5650000	2200000
41.5291197	26.608775100	-1.68	0.08	-0.71	0.23	0.24	0.44	5700000	2200000
41.4285653	27.194	-1.81	0.05	-0.67	0.29	0.29	0.50	5750000	2200000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
10	236450							0	0
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
38.207722150	40.117994090	13.64	-8.11	0.17	0.30	0.30	0.58	6900000	2200000
38.0300719	40.653	13.84	-7.51	0.49	0.33	0.34	0.62	6950000	2200000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
90	527710							0	0
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
41.549393780	-3.463391609	-0.21	-0.53	-1.04	0.27	0.27	0.45	3200000	2150000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
41.6278999 90	-2.8726 55615	-0.29	-0.46	-1.04	0.27	0.27	0.44	325000 0	215000 0
41.7029134 80	-2.2806 16938	-0.41	-0.39	-1.02	0.27	0.27	0.44	330000 0	215000 0
41.7744222 20	-1.6873 28468	-0.48	-0.32	-1.09	0.24	0.24	0.40	335000 0	215000 0
41.8424146 50	-1.0928 44174	-0.39	-0.20	-1.06	0.25	0.25	0.42	340000 0	215000 0
41.9068797 30	-0.4972 19059	-0.29	-0.11	-0.89	0.26	0.26	0.43	345000 0	215000 0
41.9678069 00	0.0994 90874	-0.29	-0.17	-0.73	0.23	0.24	0.40	350000 0	215000 0
42.0251861 30	0.6972 28667	-0.34	-0.32	-0.67	0.25	0.25	0.42	355000 0	215000 0
42.0790079 30	1.2959 36452	-0.32	-0.34	-0.66	0.27	0.27	0.46	360000 0	215000 0
42.1292633 30	1.8955 55498	-0.19	-0.17	-0.64	0.25	0.26	0.43	365000 0	215000 0
42.1759439 40	2.4960 26254	-0.04	0.04	-0.56	0.19	0.19	0.33	370000 0	215000 0
42.2190419 00	3.0972 88403	-0.22	-0.07	-0.67	0.23	0.23	0.39	375000 0	215000 0
42.2585499 60	3.6992 80909	-0.22	-0.14	-0.89	0.34	0.34	0.58	380000 0	215000 0
42.4341015 00	7.9284 25689	0.03	-0.32	-1.27	0.37	0.37	0.64	415000 0	215000 0
42.4446994 90	8.5339 95565	0.12	-0.43	-1.34	0.24	0.24	0.42	420000 0	215000 0
42.4516690 10	9.1397 23229	0.09	-0.38	-1.21	0.23	0.23	0.39	425000 0	215000 0
42.4550088 40	9.7455 43536	0.04	-0.52	-1.21	0.27	0.27	0.45	430000 0	215000 0
42.4547184 10	10.351 391250	0.12	-0.90	-1.14	0.31	0.31	0.52	435000 0	215000 0
42.4507977 80	10.957 201120	0.35	-1.39	-0.70	0.24	0.24	0.41	440000 0	215000 0
42.4432476 10	11.562 907910	0.52	-1.63	-0.33	0.24	0.25	0.42	445000 0	215000 0
42.4320692 10	12.168 446500	0.52	-1.73	-0.41	0.25	0.26	0.43	450000 0	215000 0
42.4172645 20	12.773 751930	0.94	-1.48	-0.54	0.23	0.24	0.41	455000 0	215000 0
42.3988360 80	13.378 759430	2.27	-0.41	-0.40	0.16	0.18	0.32	460000 0	215000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
42.3767870 60	13.983 404530	2.92	1.08	-0.44	0.24	0.24	0.41	465000 0	215000 0
42.3511212 70	14.587 623090	3.00	1.37	-0.55	0.27	0.28	0.47	470000 0	215000 0
42.3218430 90	15.191 351380	2.97	1.10	-0.59	0.34	0.34	0.58	475000 0	215000 0
42.2889575 30	15.794 526080	2.90	0.84	-0.76	0.35	0.35	0.61	480000 0	215000 0
42.2524702 00	16.397 084440	2.76	0.72	-0.95	0.38	0.38	0.66	485000 0	215000 0
42.1687156 00	17.600 103820	2.58	0.56	-1.44	0.38	0.38	0.66	495000 0	215000 0
42.1214624 80	18.200 442340	2.31	0.34	-1.47	0.37	0.37	0.63	500000 0	215000 0
42.0706358 80	18.799 919570	1.62	-0.05	-1.12	0.36	0.37	0.63	505000 0	215000 0
42.0162442 70	19.398 476080	0.71	-0.53	-0.54	0.25	0.27	0.51	510000 0	215000 0
41.9582967 20	19.996 053280	-0.61	-0.33	-0.28	0.26	0.27	0.51	515000 0	215000 0
41.8968028 00	20.592 593440	-1.93	0.60	-0.37	0.26	0.27	0.51	520000 0	215000 0
41.8317726 20	21.188 039770	-2.49	1.54	-0.55	0.26	0.27	0.48	525000 0	215000 0
41.7632168 20	21.782 336400	-2.77	1.62	-0.52	0.24	0.24	0.43	530000 0	215000 0
41.6911465 30	22.375 428500	-3.49	0.70	-0.46	0.26	0.26	0.45	535000 0	215000 0
41.6155733 80	22.967 262270	-4.09	0.32	-0.39	0.25	0.25	0.42	540000 0	215000 0
41.5365094 90	23.557 785000	-4.04	0.57	-0.35	0.24	0.24	0.42	545000 0	215000 0
41.4539674 20	24.146 945090	-3.67	0.33	-0.39	0.30	0.30	0.50	550000 0	215000 0
41.3679602 00	24.734 692090	-3.32	-0.17	-0.56	0.26	0.26	0.44	555000 0	215000 0
41.2785013 10	25.320 976750	-2.91	-0.27	-0.87	0.23	0.23	0.42	560000 0	215000 0
41.1856046 40	25.905 751020	-2.02	-0.50	-0.95	0.28	0.28	0.48	565000 0	215000 0
41.0892844 90	26.488 968090	-2.09	-1.28	-0.88	0.26	0.26	0.48	570000 0	215000 0
40.9895555 50	27.070 582430	-2.69	-1.57	-0.79	0.22	0.21	0.45	575000 0	215000 0
40.8864329 10	27.650 549810	-2.31	-0.75	-0.83	0.26	0.26	0.44	580000 0	215000 0
40.7799320 00	28.228 827290	-4.81	-18.50	-0.92	0.35	0.34	0.52	585000 0	215000 0



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
37.0702055 30	42.039 259430	14.78	-5.64	0.39	0.42	0.41	0.75	710000 0	215000 0
36.8821050 30	42.563 067250	15.21	-5.30	0.07	0.45	0.43	0.80	715000 0	215000 0
36.6911229 90	43.084 548670	15.60	-5.06	-0.12	0.47	0.44	0.82	720000 0	215000 0
40.0239971 50	- 9.7226 41248	-0.09	-0.56	-1.07	0.39	0.40	0.71	265000 0	210000 0
40.1390838 40	- 9.1529 28923	-0.03	-0.73	-1.17	0.33	0.34	0.59	270000 0	210000 0
40.2508601 40	- 8.5814 63080	0.06	-0.93	-1.25	0.23	0.23	0.41	275000 0	210000 0
40.3593101 40	- 8.0082 81944	0.19	-0.90	-0.99	0.26	0.26	0.45	280000 0	210000 0
40.4644182 40	- 7.4334 25051	0.28	-0.76	-0.75	0.25	0.25	0.44	285000 0	210000 0
40.5661691 70	- 6.8569 33230	0.21	-0.65	-0.93	0.22	0.22	0.38	290000 0	210000 0
40.6645480 10	- 6.2788 48587	0.07	-0.62	-1.14	0.27	0.27	0.45	295000 0	210000 0
40.7595401 90	- 5.6992 14484	-0.06	-0.57	-1.03	0.26	0.26	0.43	300000 0	210000 0
40.8511315 00	- 5.1180 75520	-0.13	-0.56	-0.60	0.24	0.24	0.39	305000 0	210000 0
40.9393081 60	- 4.5354 77505	-0.16	-0.64	-0.38	0.27	0.27	0.44	310000 0	210000 0
41.0240567 40	- 3.9514 67437	-0.23	-0.69	-0.46	0.26	0.26	0.42	315000 0	210000 0
41.1053642 60	- 3.3660 93471	-0.33	-0.66	-0.73	0.24	0.24	0.39	320000 0	210000 0
41.1832181 50	- 2.7794 04893	-0.38	-0.57	-0.98	0.31	0.31	0.51	325000 0	210000 0
41.2576063 00	- 2.1914 52087	-0.46	-0.49	-1.20	0.25	0.25	0.42	330000 0	210000 0
41.3285170 50	- 1.6022 86500	-0.50	-0.49	-1.38	0.23	0.23	0.39	335000 0	210000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northиng
41.395939200	-1.011960611	-0.40	-0.42	-1.26	0.25	0.25	0.41	3400000	2100000
41.459862040	-0.420527889	-0.28	-0.34	-0.98	0.25	0.25	0.41	3450000	2100000
41.520275350	0.171957241	-0.23	-0.40	-0.82	0.23	0.24	0.39	3500000	2100000
41.577169420	0.765439444	-0.26	-0.52	-0.79	0.24	0.24	0.40	3550000	2100000
41.630535040	1.359862512	-0.26	-0.54	-0.79	0.22	0.23	0.39	3600000	2100000
41.680363550	1.955169414	-0.18	-0.35	-0.79	0.24	0.25	0.42	3650000	2100000
41.726646790	2.551302336	-0.19	-0.14	-0.84	0.25	0.26	0.42	3700000	2100000
41.769377180	3.148202731	-0.26	-0.10	-0.86	0.29	0.29	0.49	3750000	2100000
41.808547680	3.745811369	-0.19	-0.12	-0.90	0.38	0.38	0.66	3800000	2100000
41.982592310	7.943807024	0.04	-0.31	-1.34	0.37	0.37	0.65	4150000	2100000
41.993098960	8.544884131	0.09	-0.40	-1.56	0.26	0.27	0.46	4200000	2100000
42.000008390	9.146114202	-0.04	-0.39	-1.67	0.21	0.22	0.37	4250000	2100000
42.003319420	9.747434080	-0.09	-0.50	-1.46	0.30	0.30	0.51	4300000	2100000
42.003031500	10.348780530	0.02	-0.75	-1.16	0.36	0.36	0.62	4350000	2100000
41.999144670	10.950090290	0.10	-1.06	-0.84	0.35	0.35	0.60	4400000	2100000
41.991659590	11.551300120	0.04	-1.30	-0.60	0.28	0.29	0.50	4450000	2100000
41.980577530	12.152346910	-0.11	-1.40	-0.50	0.23	0.24	0.41	4500000	2100000
41.965900350	12.753167640	0.28	-1.33	-0.25	0.22	0.23	0.39	4550000	2100000
41.947630520	13.353699560	1.41	-0.85	-0.04	0.25	0.25	0.43	4600000	2100000
41.925771110	13.953880130	2.51	0.21	-0.05	0.24	0.25	0.42	4650000	2100000
41.900325790	14.553647180	3.18	1.05	-0.19	0.23	0.24	0.41	4700000	2100000
41.871298820	15.152938870	3.53	1.09	-0.26	0.25	0.26	0.45	4750000	2100000
41.838695050	15.751693830	3.62	0.85	-0.54	0.19	0.21	0.37	4800000	2100000
41.8025199	16.349	3.34	0.80	-0.65	0.32	0.32	0.55	4850000	2100000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
00	851150							0	0
41.6222340	18.735306060	1.84	-0.13	-1.04	0.37	0.38	0.67	5050000	2100000
41.5683032	19.329582410	1.21	-0.61	-0.89	0.29	0.31	0.58	5100000	2100000
41.5108454	19.922908830	-0.22	-0.75	-0.53	0.25	0.27	0.52	5150000	2100000
41.4498699	20.515229270	-2.15	0.18	-0.28	0.22	0.24	0.48	5200000	2100000
41.3853865	21.106488530	-2.98	1.48	-0.42	0.26	0.27	0.50	5250000	2100000
41.3174054	21.696632340	-3.47	1.79	-0.60	0.25	0.26	0.50	5300000	2100000
41.2459375	22.285607380	-4.46	1.02	-0.79	0.28	0.27	0.47	5350000	2100000
41.1709941	22.873361340	-5.50	0.85	-0.94	0.26	0.22	0.39	5400000	2100000
41.0925868	23.459842940	-5.68	1.13	-0.74	0.25	0.24	0.46	5450000	2100000
41.0107278	24.045001970	-4.97	0.51	-0.54	0.29	0.29	0.52	5500000	2100000
40.9254299	24.628789310	-3.99	-0.09	-0.61	0.22	0.22	0.42	5550000	2100000
40.8367060	25.211157010	-3.02	-0.21	-0.90	0.28	0.28	0.49	5600000	2100000
40.7445696	25.792058240	-1.77	-0.39	-1.02	0.25	0.25	0.49	5650000	2100000
40.6490346	26.371447390	-1.82	-1.31	-0.82	0.31	0.31	0.46	5700000	2100000
40.5501152	26.949280070	-7.55	-15.68	-0.75	0.32	0.30	0.49	5750000	2100000
40.4478261	27.525513100	-6.62	-17.95	-0.94	0.26	0.24	0.42	5800000	2100000
40.3421823	28.100104580	-5.09	-19.67	-1.18	0.27	0.25	0.44	5850000	2100000
40.2331990	28.673013890	-4.13	-20.37	-1.40	0.28	0.26	0.44	5900000	2100000
40.1208920	29.244201710	-4.10	-21.98	-1.53	0.25	0.24	0.42	5950000	2100000
40.0052771	29.813630010	-4.19	-22.71	-1.11	0.28	0.27	0.48	6000000	2100000
39.8863707	30.381262110	-3.75	-22.82	-0.53	0.28	0.27	0.48	6050000	2100000
39.7641892	30.947062660	-3.39	-22.72	-0.03	0.32	0.32	0.54	6100000	2100000
39.6387496	31.510997650	-3.22	-22.84	-0.07	0.28	0.28	0.49	6150000	2100000
39.5100687	32.073	-2.54	-21.95	-0.89	0.32	0.32	0.55	6200000	2100000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
20	034430							0	0
39.3781639 40	32.633 141700	-1.44	-21.02	-1.44	0.28	0.28	0.50	625000 0	210000 0
39.2430527 40	33.191 289540	0.02	-20.07	-1.27	0.31	0.31	0.53	630000 0	210000 0
39.1047528 20	33.747 449390	1.38	-19.31	-1.09	0.32	0.32	0.54	635000 0	210000 0
38.9632820 60	34.301 594050	2.69	-18.68	-1.02	0.29	0.29	0.50	640000 0	210000 0
38.8186585 30	34.853 697690	4.08	-17.98	-1.06	0.30	0.30	0.54	645000 0	210000 0
38.6709004 20	35.403 735840	4.91	-16.79	-1.25	0.28	0.28	0.55	650000 0	210000 0
38.5200260 90	35.951 685410	5.77	-16.02	-1.17	0.32	0.32	0.59	655000 0	210000 0
38.3660540 10	36.497 524630	6.72	-15.27	-1.13	0.32	0.32	0.58	660000 0	210000 0
38.2090027 80	37.041 233110	7.85	-14.54	-1.13	0.27	0.27	0.47	665000 0	210000 0
38.0488910 60	37.582 791770	8.98	-14.17	-1.26	0.31	0.31	0.54	670000 0	210000 0
37.8857376 40	38.122 182890	12.25	-7.71	-1.35	0.35	0.29	0.58	675000 0	210000 0
37.7195613 30	38.659 390050	12.73	-7.77	-0.81	0.36	0.33	0.61	680000 0	210000 0
37.5503810 20	39.194 398130	13.22	-7.62	0.14	0.33	0.31	0.57	685000 0	210000 0
37.3782156 30	39.727 193320	14.01	-7.26	1.09	0.26	0.24	0.45	690000 0	210000 0
37.2030841 10	40.257 763080	14.04	-6.70	1.20	0.33	0.32	0.57	695000 0	210000 0
37.0250054 30	40.786 096160	14.04	-6.18	1.08	0.35	0.34	0.63	700000 0	210000 0
36.8439985 50	41.312 182520	14.33	-5.82	0.73	0.39	0.40	0.72	705000 0	210000 0
36.6600824 00	41.836 013380	14.70	-5.47	0.35	0.43	0.43	0.79	710000 0	210000 0
36.4732759 20	42.357 581160	15.09	-5.16	0.05	0.46	0.45	0.82	715000 0	210000 0
39.4708387 10	-10.150 785990	-0.15	-0.55	-1.02	0.41	0.41	0.74	260000 0	205000 0
39.5882941 60	-9.5863 01444	-0.16	-0.70	-1.05	0.35	0.35	0.62	265000 0	205000 0
39.7024768 10	-9.0200 76580	0.01	-0.82	-1.08	0.27	0.27	0.48	270000 0	205000 0
39.8133709	-	0.22	-0.92	-1.08	0.26	0.26	0.45	275000	205000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
20	8.452147499							0	0
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
41.128890270	0.832314827	-0.23	-0.45	-0.72	0.28	0.28	0.47	3550000	2050000
41.181808930	1.422534722	-0.22	-0.44	-0.67	0.25	0.25	0.43	3600000	2050000
41.2312191	2.0136	-0.20	-0.39	-0.70	0.22	0.22	0.37	3650000	2050000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
80	12014							0	0
41.2771131	2.605490566	-0.18	-0.24	-0.84	0.32	0.32	0.54	3700000	2050000
41.3194834	3.198113542	-0.16	-0.15	-0.88	0.38	0.38	0.65	3750000	2050000
41.5308918	7.958882902	0.03	-0.29	-1.29	0.38	0.38	0.68	4150000	2050000
41.5413090	8.555556382	0.08	-0.32	-1.41	0.29	0.29	0.51	4200000	2050000
41.5481596	9.152378178	0.03	-0.33	-1.55	0.22	0.22	0.38	4250000	2050000
41.5514424	9.749287054	-0.07	-0.44	-1.47	0.33	0.34	0.57	4300000	2050000
41.5398819	11.539922930	-0.02	-0.88	-0.87	0.37	0.37	0.64	4450000	2050000
41.5288942	12.136567010	0.05	-0.94	-0.88	0.30	0.31	0.53	4500000	2050000
41.5143419	12.732991900	0.64	-0.88	-0.81	0.19	0.20	0.36	4550000	2050000
41.4962274	13.329136730	1.30	-0.94	-0.28	0.24	0.25	0.42	4600000	2050000
41.4745537	13.924940880	1.86	-0.78	-0.27	0.22	0.23	0.39	4650000	2050000
41.4493244	14.520344020	2.45	0.07	-0.17	0.21	0.22	0.39	4700000	2050000
41.4205435	15.115286200	3.36	0.74	0.08	0.21	0.22	0.39	4750000	2050000
41.3882157	15.709707850	3.90	0.89	-0.09	0.26	0.27	0.45	4800000	2050000
41.3523463	16.303549910	4.02	1.00	-0.23	0.25	0.26	0.44	4850000	2050000
41.3129412	16.896753800	3.51	0.79	-0.39	0.29	0.30	0.51	4900000	2050000
41.2700067	17.489261510	2.98	0.55	-0.65	0.35	0.35	0.61	4950000	2050000
41.2235496	18.081015660	2.64	0.35	-0.89	0.37	0.38	0.66	5000000	2050000
41.1200982	19.262037080	1.84	-0.47	-1.13	0.30	0.32	0.60	5100000	2050000
41.0631203	19.851193050	0.57	-0.78	-0.87	0.23	0.26	0.53	5150000	2050000
41.0026529	20.439372980	-1.67	-0.31	-0.46	0.25	0.27	0.54	5200000	2050000
40.9387052	21.026523220	-3.26	0.85	-0.42	0.26	0.29	0.58	5250000	2050000
40.8712874	21.612591040	-4.47	1.33	-0.60	0.26	0.29	0.60	5300000	2050000
40.8004100	22.197	-5.89	1.14	-0.96	0.29	0.30	0.58	5350000	2050000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
10	524580							0	0
40.726083750	22.781272980	-7.00	1.12	-1.12	0.28	0.28	0.55	5400000	2050000
40.648320100	23.363786350	-7.00	0.99	-0.82	0.30	0.30	0.58	5450000	2050000
40.567130860	23.945015810	-6.46	0.74	-0.56	0.24	0.25	0.55	5500000	2050000
40.482528280	24.524913570	-4.50	0.08	-0.58	0.32	0.32	0.55	5550000	2050000
40.394525030	25.103432900	-3.02	-0.19	-0.73	0.37	0.36	0.56	5600000	2050000
40.303134170	25.680528190	-12.85	-17.38	-0.75	0.38	0.36	0.56	5650000	2050000
40.208369160	26.256154990	-9.82	-17.55	-0.58	0.28	0.25	0.43	5700000	2050000
40.110243820	26.830269990	-8.94	-18.19	-0.54	0.30	0.28	0.46	5750000	2050000
40.008772350	27.402831080	-8.56	-19.60	-0.67	0.25	0.22	0.40	5800000	2050000
39.903969280	27.973797350	-6.38	-21.07	-0.81	0.28	0.27	0.45	5850000	2050000
39.795849490	28.543129150	-5.60	-21.88	-0.96	0.33	0.32	0.54	5900000	2050000
39.684428170	29.110788030	-4.90	-22.57	-1.05	0.26	0.28	0.47	5950000	2050000
39.569720810	29.676736840	-4.90	-22.39	-0.80	0.29	0.29	0.49	6000000	2050000
39.451743190	30.240939680	-4.40	-22.29	-0.51	0.30	0.29	0.51	6050000	2050000
39.330511370	30.803361930	-3.88	-22.25	-0.41	0.33	0.33	0.56	6100000	2050000
39.206041670	31.363970290	-3.55	-22.19	-0.70	0.29	0.29	0.52	6150000	2050000
39.078350640	31.922732750	-2.90	-21.37	-1.25	0.31	0.30	0.52	6200000	2050000
38.947455080	32.479618600	-1.45	-20.31	-1.33	0.33	0.33	0.56	6250000	2050000
38.813371990	33.034598450	0.15	-19.55	-1.15	0.29	0.28	0.51	6300000	2050000
38.676118570	33.587644250	1.46	-18.41	-1.00	0.36	0.36	0.61	6350000	2050000
38.535712220	34.138729230	2.81	-17.59	-0.86	0.35	0.35	0.60	6400000	2050000
38.392170470	34.687827950	4.13	-16.87	-0.78	0.29	0.29	0.52	6450000	2050000
38.245511060	35.234916300	4.96	-15.76	-0.94	0.33	0.34	0.58	6500000	2050000
38.0957518	35.779	5.75	-14.84	-1.13	0.32	0.33	0.59	6550000	2050000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
30	971480							0	0
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
39.876027790	-5.479464147	-0.08	-1.10	-1.22	0.24	0.24	0.39	3000000	2000000
39.966150250	-4.9058	-0.18	-0.90	-0.87	0.30	0.30	0.50	3050000	2000000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
	84895								
40.052907500	-4.330929632	-0.26	-0.79	-0.42	0.28	0.28	0.46	3100000	2000000
40.136286940	-3.754642967	-0.39	-0.79	-0.31	0.23	0.23	0.39	3150000	2000000
40.216276340	-3.177070573	-0.45	-0.88	-0.59	0.29	0.29	0.47	3200000	2000000
40.292863900	-2.598259159	-0.50	-0.93	-0.91	0.31	0.31	0.52	3250000	2000000
40.366038230	-2.018256442	-0.48	-0.90	-1.13	0.29	0.30	0.50	3300000	2000000
40.435788360	-1.437111117	-0.29	-0.76	-1.21	0.23	0.23	0.39	3350000	2000000
40.502103790	-0.854872818	-0.24	-0.59	-1.05	0.25	0.25	0.40	3400000	2000000
40.564974450	-0.271592091	-0.25	-0.52	-0.84	0.25	0.25	0.42	3450000	2000000
40.624390740	0.312679646	-0.26	-0.49	-0.74	0.24	0.24	0.40	3500000	2000000
40.680343540	0.897890141	-0.22	-0.47	-0.74	0.31	0.31	0.53	3550000	2000000
40.732824220	1.483986346	-0.17	-0.42	-0.76	0.35	0.35	0.59	3600000	2000000
40.781824630	2.070914456	-0.13	-0.34	-0.81	0.36	0.36	0.62	3650000	2000000
41.078993120	7.973661587	0.00	-0.32	-1.21	0.37	0.38	0.67	4150000	2000000
41.089322690	8.566018172	0.05	-0.39	-1.24	0.31	0.32	0.56	4200000	2000000
41.096115620	9.158518597	0.11	-0.39	-1.29	0.24	0.26	0.45	4250000	2000000
41.099370810	9.751103472	-0.04	-0.42	-1.38	0.29	0.31	0.53	4300000	2000000
41.099087740	10.343713330	-0.07	-0.47	-1.22	0.38	0.39	0.67	4350000	2000000
41.077012290	12.121098160	0.21	-0.61	-0.94	0.37	0.38	0.66	4500000	2000000
41.062582330	12.713213660	0.56	-0.61	-0.80	0.29	0.31	0.54	4550000	2000000
41.044620020	13.305057540	1.08	-0.68	-0.49	0.25	0.27	0.46	4600000	2000000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
41.0231282	13.896571000	1.47	-1.06	-0.65	0.26	0.27	0.45	4650000	2000000
40.9981104	14.487695520	1.68	-1.16	-0.80	0.23	0.23	0.41	4700000	2000000
40.9695705	15.078372930	2.38	-0.45	-0.33	0.21	0.22	0.39	4750000	2000000
40.9375132	15.668545460	3.47	0.45	-0.12	0.22	0.22	0.38	4800000	2000000
40.9019434	16.258155760	4.09	0.92	-0.15	0.22	0.22	0.37	4850000	2000000
40.8628669	16.847147010	3.84	0.77	-0.18	0.23	0.24	0.40	4900000	2000000
40.8202898	17.435462900	3.44	0.58	-0.40	0.24	0.25	0.45	4950000	2000000
40.7742187	18.023047710	3.30	0.63	-0.78	0.29	0.29	0.53	5000000	2000000
40.7246609	18.609846360	2.83	0.29	-0.98	0.34	0.35	0.62	5050000	2000000
40.6716242	19.195804450	2.11	-0.24	-1.08	0.32	0.33	0.61	5100000	2000000
40.6151166	19.780868280	0.80	-0.81	-0.92	0.25	0.27	0.54	5150000	2000000
40.5551470	20.364984950	-1.35	-0.84	-0.60	0.28	0.30	0.58	5200000	2000000
40.4917245	20.948102320	-3.29	-0.13	-0.42	0.29	0.32	0.62	5250000	2000000
40.4248588	21.530169120	-5.13	0.36	-0.48	0.24	0.29	0.61	5300000	2000000
40.3545601	22.111134940	-7.13	0.33	-0.88	0.26	0.29	0.61	5350000	2000000
40.2808389	22.690950290	-8.49	0.33	-1.02	0.26	0.28	0.61	5400000	2000000
40.2037063	23.269566640	-8.02	0.28	-0.76	0.34	0.33	0.64	5450000	2000000
40.1231737	23.846936430	-6.99	0.08	-0.48	0.33	0.29	0.55	5500000	2000000
40.0392530	24.423013120	-4.86	-0.11	-0.48	0.38	0.36	0.57	5550000	2000000
39.9519564	24.997751190	-16.73	-17.14	-0.61	0.30	0.26	0.44	5600000	2000000
39.8612967	25.571106210	-14.83	-17.73	-0.58	0.34	0.31	0.52	5650000	2000000
39.7672869	26.143034840	-12.31	-19.03	-0.45	0.35	0.33	0.56	5700000	2000000
39.6699404	26.713494860	-11.42	-19.85	-0.40	0.33	0.31	0.56	5750000	2000000
39.5692710	27.282445190	-10.08	-20.61	-0.41	0.33	0.31	0.54	5800000	2000000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east in g	north i ng
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
36.372565290	39.875317330	13.59	-6.00	0.35	0.43	0.43	0.76	6950000	2000000
36.196947470	40.398894590	13.82	-5.59	0.32	0.43	0.45	0.80	7000000	2000000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
38.599702350	-9.878880312	-0.20	-0.95	-1.17	0.36	0.36	0.64	2600000	1950000
38.715357970	-9.321110785	-0.34	-1.42	-1.23	0.17	0.17	0.34	2650000	1950000
38.827782660	-8.761696386	-0.03	-1.26	-1.10	0.22	0.23	0.41	2700000	1950000
38.936961570	-8.200671647	0.22	-1.01	-1.19	0.26	0.26	0.46	2750000	1950000
39.042880140	-7.638072273	0.19	-0.99	-1.24	0.26	0.26	0.46	2800000	1950000
39.145524100	-7.073935135	0.22	-1.13	-0.97	0.26	0.27	0.47	2850000	1950000
39.244879480	-6.508298246	0.34	-1.22	-0.76	0.28	0.28	0.47	2900000	1950000
39.340932640	-5.941200751	0.20	-1.25	-0.81	0.25	0.26	0.42	2950000	1950000
39.433670280	-5.372682909	-0.03	-1.16	-0.90	0.29	0.29	0.48	3000000	1950000
39.523079410	-4.802786065	-0.15	-1.03	-0.79	0.32	0.32	0.53	3050000	1950000
39.609147450	-4.231552638	-0.23	-0.87	-0.58	0.28	0.29	0.47	3100000	1950000
39.691862160	-3.659026091	-0.39	-0.86	-0.55	0.27	0.28	0.46	3150000	1950000
39.771211680	-3.085250907	-0.58	-0.95	-0.71	0.30	0.30	0.50	3200000	1950000
39.847184570	-2.510272563	-0.63	-1.01	-0.92	0.30	0.31	0.52	3250000	1950000
39.919769780	-1.934137503	-0.59	-0.95	-1.08	0.27	0.28	0.48	3300000	1950000
39.988956680	-1.356893103	-0.43	-0.66	-1.14	0.27	0.27	0.44	3350000	1950000
40.054735090	-0.778587646	-0.24	-0.53	-1.08	0.24	0.24	0.41	3400000	1950000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40.1170952	-0.199270281	-0.19	-0.62	-0.92	0.31	0.31	0.52	3450000	1950000
40.1760278	0.381009004	-0.22	-0.73	-0.84	0.27	0.27	0.47	3500000	1950000
40.2315240	0.962199425	-0.20	-0.66	-0.86	0.32	0.32	0.56	3550000	1950000
40.3773129	2.710718455	0.02	-0.26	-0.99	0.37	0.37	0.64	3700000	1950000
40.4189846	3.295030925	0.04	-0.20	-0.95	0.37	0.37	0.63	3750000	1950000
40.4571830	3.879989980	0.01	-0.17	-0.90	0.36	0.36	0.61	3800000	1950000
40.4919021	4.465540877	-0.01	-0.14	-0.89	0.39	0.39	0.68	3850000	1950000
40.6268889	7.988151029	-0.02	-0.40	-1.20	0.33	0.34	0.62	4150000	1950000
40.6371327	8.576275135	-0.04	-0.57	-1.24	0.22	0.24	0.47	4200000	1950000
40.6438691	9.164538767	0.11	-0.57	-1.15	0.24	0.25	0.44	4250000	1950000
40.6470972	9.752884316	-0.16	-0.47	-1.23	0.19	0.23	0.40	4300000	1950000
40.6468165	10.341254100	-0.09	-0.39	-1.16	0.36	0.37	0.65	4350000	1950000
40.6106145	12.693822280	0.44	-0.42	-0.82	0.35	0.37	0.65	4550000	1950000
40.5928012	13.281449050	0.75	-0.43	-0.62	0.29	0.31	0.54	4600000	1950000
40.5714877	13.868755290	1.07	-0.72	-0.82	0.31	0.31	0.54	4650000	1950000
40.5466771	14.455684220	1.35	-0.96	-1.06	0.22	0.23	0.44	4700000	1950000
40.5183735	15.042179400	1.89	-0.79	-0.78	0.24	0.24	0.43	4750000	1950000
40.4865811	15.628184770	2.89	-0.21	-0.40	0.22	0.23	0.39	4800000	1950000
40.4513049	16.213644670	3.77	0.48	-0.33	0.24	0.24	0.40	4850000	1950000
40.4125504	16.798503940	4.01	0.69	-0.25	0.22	0.23	0.40	4900000	1950000
40.3703235	17.382707910	3.80	0.69	-0.30	0.27	0.28	0.48	4950000	1950000
40.3246307	17.966202490	3.94	0.88	-0.62	0.21	0.22	0.42	5000000	1950000
40.2754790	18.548934190	3.43	0.56	-0.92	0.26	0.27	0.50	5050000	1950000
40.2228759	19.130850160	2.32	-0.26	-1.02	0.30	0.32	0.59	5100000	1950000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40.1668293	19.711898240	0.93	-1.29	-0.94	0.23	0.26	0.56	5150000	1950000
40.1073477	20.292027010	-1.09	-1.77	-0.68	0.24	0.28	0.59	5200000	1950000
40.0444400	20.871185810	-3.12	-1.37	-0.49	0.29	0.31	0.61	5250000	1950000
39.9781155	21.449324780	-5.46	-1.20	-0.45	0.26	0.30	0.60	5300000	1950000
39.9083842	22.026394900	-7.98	-1.47	-0.73	0.29	0.31	0.63	5350000	1950000
39.8352562	22.602348050	-9.53	-1.24	-0.83	0.29	0.30	0.65	5400000	1950000
39.7587423	23.177136980	-9.24	-0.65	-0.64	0.34	0.35	0.67	5450000	1950000
39.6788536	23.750715410	-7.09	-0.45	-0.39	0.38	0.37	0.63	5500000	1950000
39.5956016	24.323038030	-14.55	-15.72	-0.32	0.40	0.38	0.60	5550000	1950000
39.5089981	24.894060490	-14.72	-15.80	-0.38	0.37	0.34	0.57	5600000	1950000
39.4190556	25.463739520	-13.98	-16.91	-0.42	0.38	0.35	0.60	5650000	1950000
39.3257866	26.032032860	-13.12	-18.80	-0.36	0.33	0.30	0.58	5700000	1950000
39.2292041	26.598899330	-13.07	-19.87	-0.37	0.25	0.26	0.57	5750000	1950000
39.1293217	27.164298860	-10.91	-20.50	-0.38	0.34	0.33	0.59	5800000	1950000
39.0261528	27.728192480	-9.89	-22.25	-0.24	0.25	0.22	0.42	5850000	1950000
38.9197116	28.290542360	-8.89	-22.78	0.02	0.29	0.27	0.47	5900000	1950000
38.8100124	28.851311820	-8.37	-22.65	0.08	0.30	0.28	0.51	5950000	1950000
38.6970698	29.410465330	-8.15	-22.58	-0.06	0.27	0.24	0.50	6000000	1950000
38.5808986	29.967968550	-6.43	-21.59	-0.49	0.33	0.32	0.55	6050000	1950000
38.4615140	30.523788330	-5.21	-21.01	-0.80	0.25	0.25	0.43	6100000	1950000
38.3389315	31.077892720	-4.51	-19.94	-1.06	0.35	0.35	0.59	6150000	1950000
38.2131666	31.630250980	-3.46	-18.92	-1.17	0.36	0.35	0.61	6200000	1950000
38.0842352	32.180833560	-1.99	-17.90	-1.05	0.32	0.32	0.59	6250000	1950000
37.9521533	32.729612170	-0.38	-16.85	-0.94	0.32	0.32	0.60	6300000	1950000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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	-6.396391396	0.34	-1.24	-0.77	0.25	0.25	0.43	2900000	1900000
38.898894650	-5.832833776	0.18	-1.16	-0.60	0.23	0.24	0.39	2950000	1900000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
38.990909230	-5.267896021	-0.01	-1.20	-0.69	0.27	0.27	0.44	3000000	1900000
39.079618660	-4.701618447	-0.05	-1.20	-0.75	0.30	0.30	0.50	3050000	1900000
39.165010680	-4.134042402	-0.09	-1.12	-0.76	0.32	0.33	0.54	3100000	1900000
39.247073450	-3.565210232	-0.33	-1.07	-0.81	0.28	0.31	0.51	3150000	1900000
39.325795450	-2.995165265	-0.61	-1.06	-0.85	0.24	0.27	0.43	3200000	1900000
39.401165580	-2.423951782	-0.64	-0.98	-0.90	0.33	0.34	0.56	3250000	1900000
39.473173130	-1.851614987	-0.59	-0.85	-0.96	0.34	0.34	0.57	3300000	1900000
39.541807800	-1.278200982	-0.62	-0.68	-1.01	0.23	0.23	0.38	3350000	1900000
39.607059690	-0.703756735	-0.27	-0.70	-0.99	0.27	0.27	0.45	3400000	1900000
39.668919350	-0.128330047	-0.10	-0.76	-0.96	0.29	0.29	0.47	3450000	1900000
39.727377770	0.448030483	-0.17	-0.84	-0.95	0.29	0.29	0.51	3500000	1900000
39.782426370	1.025275488	-0.18	-0.73	-1.03	0.31	0.32	0.56	3550000	1900000
39.882262130	2.182217854	0.01	-0.32	-1.19	0.35	0.35	0.60	3650000	1900000
39.927034480	2.761812990	0.16	-0.26	-1.16	0.26	0.26	0.43	3700000	1900000
39.968367380	3.342088231	0.15	-0.18	-1.06	0.28	0.28	0.46	3750000	1900000
40.006254650	3.922990952	0.06	-0.20	-0.90	0.16	0.16	0.27	3800000	1900000
40.040690570	4.504468001	0.02	-0.15	-0.88	0.32	0.32	0.55	3850000	1900000
40.174572330	8.002358890	0.00	-0.52	-1.26	0.35	0.36	0.64	4150000	1900000
40.184731940	8.586332700	0.01	-0.77	-1.47	0.24	0.28	0.49	4200000	1900000
40.191413050	9.170441877	0.05	-0.62	-1.11	0.24	0.25	0.44	4250000	1900000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40.1946146	9.7546	-0.13	-0.39	-1.01	0.26	0.28	0.46	4300000	1900000
60	30528								
40.1943362	10.338	-0.08	-0.32	-1.11	0.37	0.38	0.65	4350000	1900000
50	842690								
40.1196253	13.841	0.97	-0.51	-1.11	0.38	0.38	0.67	4650000	1900000
80	479120								
40.0950179	14.424	1.21	-0.54	-1.24	0.35	0.35	0.62	4700000	1900000
50	293330								
40.0669457	15.006	1.57	-0.35	-1.13	0.29	0.30	0.52	4750000	1900000
20	686670								
40.0354129	15.588	2.33	-0.02	-0.74	0.22	0.23	0.41	4800000	1900000
70	604720								
40.0004244	16.169	3.46	0.37	-0.45	0.23	0.24	0.43	4850000	1900000
80	993470								
39.9619855	16.750	3.81	0.72	-0.32	0.28	0.28	0.50	4900000	1900000
10	799350								
39.9201018	17.330	3.54	0.93	-0.35	0.33	0.33	0.58	4950000	1900000
70	969290								
39.8747798	17.910	3.49	0.78	-0.55	0.30	0.30	0.54	5000000	1900000
20	450770								
39.8260261	18.489	3.16	0.29	-0.79	0.25	0.25	0.49	5050000	1900000
40	191810								
39.7738480	19.067	2.04	-0.64	-0.88	0.34	0.35	0.64	5100000	1900000
70	141090								
39.7182533	19.644	1.08	-1.92	-0.87	0.29	0.31	0.65	5150000	1900000
50	247930								
39.6592501	20.220	-0.25	-2.90	-0.73	0.23	0.26	0.62	5200000	1900000
40	462340								
39.5968471	20.795	-2.97	-3.01	-0.58	0.20	0.23	0.55	5250000	1900000
00	735090								
39.5310533	21.370	-5.88	-3.85	-0.59	0.29	0.31	0.60	5300000	1900000
20	017690								
39.4618783	21.943	-8.59	-3.94	-0.73	0.20	0.27	0.61	5350000	1900000
20	262470								
39.3893320	22.515	-9.63	-2.95	-0.70	0.29	0.31	0.64	5400000	1900000
50	422610								
39.3134248	23.086	-9.67	-1.56	-0.50	0.32	0.34	0.63	5450000	1900000
90	452150								
39.2341676	23.656	-21.81	-7.04	-0.20	0.26	0.31	0.58	5500000	1900000
10	306020								
39.1515713	24.224	-26.03	-16.54	-0.10	0.33	0.62	0.54	5550000	1900000
80	940090								
39.0656477	24.792	-26.09	-16.51	-0.17	0.34	0.61	0.53	5600000	1900000
70	311200								
38.9764086	25.358	-26.65	-18.50	-0.37	0.41	0.63	0.63	5650000	1900000
80	377160								
38.8838664	25.923	-11.32	-16.94	-0.47	0.36	0.35	0.64	5700000	1900000
30	096770								



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
38.7880336	26.486429900	-10.42	-17.99	-0.54	0.34	0.33	0.64	5750000	1900000
38.6889232	27.048337430	-9.31	-18.73	-0.51	0.37	0.36	0.65	5800000	1900000
38.5865486	27.608781350	-8.16	-19.73	-0.42	0.37	0.35	0.61	5850000	1900000
38.4809233	28.167724700	-7.32	-20.31	-0.30	0.37	0.35	0.61	5900000	1900000
38.3720612	28.725131640	-7.36	-20.63	-0.24	0.34	0.31	0.58	5950000	1900000
38.2599766	29.280967470	-7.33	-20.60	-0.39	0.35	0.32	0.59	6000000	1900000
38.1446838	29.835198590	-6.97	-20.55	-0.76	0.33	0.32	0.55	6050000	1900000
38.0261977	30.387792570	-6.57	-20.25	-1.07	0.27	0.27	0.47	6100000	1900000
37.9045331	30.938718110	-5.44	-18.73	-1.11	0.34	0.34	0.58	6150000	1900000
37.7797053	31.487945100	-4.03	-17.60	-1.05	0.33	0.32	0.58	6200000	1900000
37.6517296	32.035444570	-2.41	-16.53	-1.01	0.33	0.32	0.59	6250000	1900000
37.5206218	32.581188760	-0.67	-15.36	-1.01	0.38	0.37	0.66	6300000	1900000
37.3863975	33.125151070	0.84	-14.48	-1.00	0.40	0.39	0.69	6350000	1900000
37.2490728	33.667306080	2.14	-13.85	-0.98	0.37	0.37	0.65	6400000	1900000
37.1086639	34.207629560	3.27	-13.45	-0.98	0.33	0.32	0.58	6450000	1900000
36.9651870	34.746098460	4.20	-13.03	-1.00	0.31	0.31	0.57	6500000	1900000
36.8186585	35.282690930	5.10	-12.40	-0.98	0.37	0.37	0.65	6550000	1900000
36.6690951	35.817386290	6.03	-11.96	-0.99	0.36	0.36	0.63	6600000	1900000
36.5165135	36.350165020	10.66	-6.87	-0.99	0.48	0.35	0.61	6650000	1900000
36.3609303	36.881008820	11.35	-6.79	-1.02	0.47	0.39	0.66	6700000	1900000
36.2023626	37.409900500	11.77	-6.49	-0.96	0.48	0.43	0.73	6750000	1900000
36.0408271	37.936824070	12.07	-6.13	-0.78	0.48	0.45	0.79	6800000	1900000
37.8403855	-9.065511245	0.23	-1.34	-1.57	0.31	0.32	0.56	2650000	1850000
37.9511165	-8.5126	0.25	-1.46	-1.49	0.23	0.24	0.42	2700000	1850000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
	94347								
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
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
39.3842634	1.6613	-0.10	-0.40	-1.36	0.35	0.35	0.58	3600000	1850000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
10	32448							0	0
39.432082600	2.236275624	0.00	-0.26	-1.37	0.32	0.32	0.54	3650000	1850000
39.476495830	2.811929519	0.09	-0.16	-1.34	0.21	0.21	0.34	3700000	1850000
39.517496610	3.388243571	0.17	-0.09	-1.18	0.20	0.20	0.33	3750000	1850000
39.555078940	3.965166669	0.09	-0.12	-0.99	0.32	0.32	0.53	3800000	1850000
39.589237280	4.542647197	0.04	-0.12	-0.91	0.37	0.37	0.64	3850000	1850000
39.722036050	8.016292545	0.05	-0.55	-1.10	0.36	0.37	0.65	4150000	1850000
39.732113230	8.596196092	-0.05	-0.75	-1.16	0.27	0.30	0.50	4200000	1850000
39.738740120	9.176230995	-0.20	-0.64	-1.13	0.23	0.23	0.41	4250000	1850000
39.741915730	9.756343016	-0.16	-0.34	-1.21	0.28	0.29	0.49	4300000	1850000
39.615280530	14.971876470	1.67	-0.18	-1.61	0.36	0.36	0.63	4750000	1850000
39.584002250	15.549785010	2.15	0.15	-1.34	0.30	0.30	0.53	4800000	1850000
39.549295720	16.127179830	3.01	0.42	-0.88	0.21	0.22	0.41	4850000	1850000
39.511166060	16.704008940	3.44	1.02	-0.40	0.22	0.23	0.44	4900000	1850000
39.469618870	17.280220790	3.02	1.51	-0.35	0.30	0.30	0.56	4950000	1850000
39.424660240	17.855764350	2.66	0.92	-0.50	0.36	0.36	0.64	5000000	1850000
39.376296730	18.430589160	2.16	0.13	-0.67	0.37	0.37	0.67	5050000	1850000
39.269383630	19.577883620	0.50	-2.11	-0.77	0.37	0.38	0.70	5150000	1850000
39.210849460	20.150255450	-0.88	-3.62	-0.70	0.33	0.34	0.64	5200000	1850000
39.148941240	20.721712940	-3.51	-5.60	-0.61	0.28	0.30	0.56	5250000	1850000
39.083667780	21.292208950	-6.60	-7.73	-0.70	0.27	0.28	0.56	5300000	1850000
39.015038320	21.861697110	-8.24	-7.12	-0.79	0.27	0.26	0.57	5350000	1850000
38.943062500	22.430131870	-16.64	-9.11	-0.63	0.35	0.36	0.59	5400000	1850000
38.867750400	22.997468500	-18.03	-9.66	-0.30	0.23	0.23	0.50	5450000	1850000
38.7891124	23.563	-25.36	-16.70	-0.05	0.30	0.57	0.53	5500000	1850000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
60	663120							0	0
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
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
35.9370360	36.713	10.86	-6.24	-0.81	0.50	0.43	0.73	6700000	1850000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
50	038480							0	0
35.7795670	37.239381330	11.39	-5.91	-0.79	0.50	0.46	0.79	6750000	1850000
37.2890586	-9.489250521	0.22	-1.02	-1.24	0.39	0.39	0.69	2600000	1800000
37.4021362	-8.941167519	0.40	-1.50	-1.41	0.30	0.30	0.52	2650000	1800000
37.5120435	-8.391571808	0.41	-1.79	-1.30	0.25	0.26	0.43	2700000	1800000
37.6187669	-7.840495668	0.35	-1.72	-0.80	0.25	0.25	0.43	2750000	1800000
37.7222930	-7.287972427	0.43	-1.68	-0.73	0.29	0.29	0.49	2800000	1800000
37.8226087	-6.734036448	0.36	-1.69	-0.73	0.27	0.27	0.45	2850000	1800000
37.9197012	-6.178723109	0.15	-1.51	-0.63	0.27	0.27	0.44	2900000	1800000
38.0135582	-5.622068797	-0.06	-1.36	-0.57	0.26	0.26	0.44	2950000	1800000
38.1041673	-5.064110880	-0.06	-1.35	-0.58	0.28	0.28	0.46	3000000	1800000
38.1915168	-4.504887694	0.02	-1.33	-0.72	0.27	0.27	0.45	3050000	1800000
38.2755952	-3.944438524	0.04	-1.31	-0.86	0.28	0.29	0.47	3100000	1800000
38.3563911	-3.382803578	-0.31	-1.41	-0.94	0.30	0.31	0.50	3150000	1800000
38.4338939	-2.820023964	-0.52	-1.32	-0.90	0.31	0.32	0.52	3200000	1800000
38.5080931	-2.256141671	-0.49	-1.04	-0.76	0.33	0.33	0.54	3250000	1800000
38.5789786	-1.691199535	-0.31	-0.88	-0.70	0.29	0.29	0.48	3300000	1800000
38.6465406	-1.125241221	-0.13	-0.83	-0.69	0.26	0.26	0.42	3350000	1800000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
38.7107700 50	-0.5583 11185	0.05	-0.71	-0.68	0.23	0.23	0.39	340000 0	180000 0
38.7716578 10	0.0095 45348	-0.05	-0.46	-0.83	0.21	0.21	0.37	345000 0	180000 0
38.8291955 00	0.5782 82421	-0.03	-0.42	-1.07	0.33	0.33	0.55	350000 0	180000 0
38.8833750 50	1.1478 53371	-0.03	-0.40	-1.37	0.27	0.27	0.44	355000 0	180000 0
38.9341888 50	1.7182 10871	-0.03	-0.33	-1.47	0.28	0.28	0.45	360000 0	180000 0
38.9816297 00	2.2893 06957	0.01	-0.21	-1.34	0.36	0.36	0.60	365000 0	180000 0
39.0256908 70	2.8610 93066	0.00	-0.15	-1.22	0.32	0.32	0.54	370000 0	180000 0
39.0663660 70	3.4335 20076	0.04	-0.10	-1.11	0.35	0.35	0.59	375000 0	180000 0
39.2692729 90	8.0299 59106	0.14	-0.51	-0.95	0.33	0.36	0.62	415000 0	180000 0
39.2792693 80	8.6058 70350	0.10	-0.64	-0.77	0.18	0.24	0.40	420000 0	180000 0
39.2858431 20	9.1819 09080	-0.08	-0.48	-0.95	0.17	0.17	0.29	425000 0	180000 0
39.2889932 60	9.7580 22656	0.02	-0.29	-1.50	0.25	0.27	0.47	430000 0	180000 0
39.1633712 50	14.937 731210	2.05	-0.20	-2.27	0.35	0.35	0.61	475000 0	180000 0
39.1323424 10	15.511 706060	2.36	0.15	-1.97	0.32	0.32	0.56	480000 0	180000 0
39.0979122 80	16.085 182260	2.88	0.52	-1.25	0.24	0.25	0.46	485000 0	180000 0
39.0600858 20	16.658 109270	3.07	1.58	-0.53	0.22	0.22	0.42	490000 0	180000 0
39.0188684 60	17.230 437060	2.58	2.08	-0.39	0.26	0.27	0.52	495000 0	180000 0
38.8202149 30	19.512 772770	-0.12	-2.08	-0.75	0.41	0.42	0.74	515000 0	180000 0
38.7621406 80	20.081 372070	-8.91	-7.58	-0.74	0.41	0.38	0.64	520000 0	180000 0
38.7007176 80	20.649 083440	-13.18	-7.19	-0.72	0.23	0.21	0.44	525000 0	180000 0
38.6359544 80	21.215 861020	-7.17	-10.85	-1.00	0.21	0.22	0.43	530000 0	180000 0
38.5678600 40	21.781 659710	-15.76	-11.22	-1.14	0.28	0.30	0.45	535000 0	180000 0
38.4964437 20	22.346 435180	-15.64	-11.60	-0.75	0.25	0.27	0.46	540000 0	180000 0
38.4217152 70	22.910 143900	-18.04	-11.05	-0.23	0.27	0.29	0.49	545000 0	180000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northиng
38.343684850	23.472743170	-25.21	-15.53	0.07	0.25	0.49	0.44	5500000	1800000
38.262362960	24.034191130	-25.08	-15.46	-0.28	0.28	0.50	0.43	5550000	1800000
38.177760490	24.594446820	-26.31	-16.58	-0.66	0.32	0.52	0.53	5600000	1800000
38.089888670	25.153470180	-26.06	-17.68	-0.63	0.39	0.54	0.62	5650000	1800000
37.998759060	25.711222070	-24.89	-18.44	-0.43	0.42	0.52	0.62	5700000	1800000
37.904383590	26.267664310	-24.15	-18.98	-0.38	0.42	0.48	0.54	5750000	1800000
37.806774460	26.822759690	-23.91	-19.45	-0.53	0.42	0.45	0.53	5800000	1800000
37.705944230	27.376471990	-22.49	-20.18	-0.80	0.51	0.47	0.59	5850000	1800000
37.601905700	27.928765970	-21.20	-20.41	-1.00	0.56	0.46	0.61	5900000	1800000
37.494672010	28.479607460	-21.86	-20.49	-1.03	0.64	0.48	0.64	5950000	1800000
37.384256530	29.028963280	-4.20	-14.67	-1.14	0.38	0.37	0.65	6000000	1800000
37.270672910	29.576801320	-6.05	-16.02	-1.13	0.33	0.30	0.59	6050000	1800000
37.153935040	30.123090540	-6.58	-15.52	-1.24	0.34	0.33	0.59	6100000	1800000
37.034057060	30.667800940	-6.38	-14.41	-1.32	0.27	0.28	0.52	6150000	1800000
36.911053310	31.210903640	-4.58	-13.67	-1.30	0.36	0.36	0.63	6200000	1800000
36.784938370	31.752370820	-2.66	-12.99	-1.28	0.39	0.38	0.67	6250000	1800000
36.655726980	32.292175750	-0.92	-12.27	-1.29	0.38	0.35	0.64	6300000	1800000
36.523434110	32.830292830	0.47	-11.65	-1.28	0.35	0.32	0.61	6350000	1800000
36.388074870	33.366697510	1.57	-11.17	-1.19	0.34	0.34	0.59	6400000	1800000
36.249664530	33.901366400	2.61	-10.82	-1.09	0.25	0.25	0.46	6450000	1800000
36.108218540	34.434277180	3.72	-10.65	-1.02	0.35	0.36	0.62	6500000	1800000
35.963752460	34.965408650	4.61	-10.36	-0.89	0.40	0.40	0.72	6550000	1800000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
38.131372150	-1.613230209	0.06	-0.83	-0.53	0.23	0.23	0.37	3300000	1750000
38.198413320	-1.0509	0.25	-0.82	-0.66	0.21	0.21	0.34	3350000	1750000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
	00309								
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
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east in g	north in g
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
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
37.749950450	-0.977938638	0.88	-0.92	-0.86	0.19	0.19	0.32	3350000	1700000
37.813196240	-0.4182	0.44	-0.68	-1.01	0.28	0.28	0.47	3400000	1700000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
	55808								
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
36.922812810	26.605309970	-28.18	-17.06	0.24	0.44	0.42	0.61	5800000	1700000
36.8234705	27.152	-28.22	-16.17	-0.53	0.47	0.39	0.59	5850000	1700000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
40	507410							0	0
36.7209610 90	27.698 363690	-26.99	-14.59	-1.21	0.52	0.36	0.56	590000 0	170000 0
36.6152968 30	28.242 846190	-23.66	-13.59	-1.44	0.59	0.39	0.59	595000 0	170000 0
36.5064903 90	28.785 923250	-20.07	-14.04	-1.86	0.63	0.38	0.53	600000 0	170000 0
36.3945546 50	29.327 564170	-20.17	-15.66	-1.99	0.69	0.38	0.55	605000 0	170000 0
36.2795027 40	29.867 739250	-4.07	-9.47	-1.79	0.36	0.34	0.64	610000 0	170000 0
36.1613480 00	30.406 419780	-4.78	-10.10	-1.63	0.38	0.36	0.69	615000 0	170000 0
36.0401039 90	30.943 578050	-3.73	-10.21	-1.47	0.42	0.41	0.75	620000 0	170000 0
35.7884034 40	32.013 222030	-1.11	-9.49	-1.37	0.41	0.41	0.75	630000 0	170000 0
35.6579749 80	32.545 657410	0.15	-8.77	-1.38	0.37	0.38	0.68	635000 0	170000 0
35.5245134 20	33.076 469860	1.51	-7.90	-1.28	0.33	0.34	0.58	640000 0	170000 0
35.3880332 10	33.605 636790	3.02	-7.60	-0.89	0.30	0.30	0.53	645000 0	170000 0
35.2485489 70	34.133 136640	4.05	-7.64	-0.72	0.32	0.32	0.61	650000 0	170000 0
35.1060754 30	34.658 948870	4.56	-7.89	-0.67	0.40	0.40	0.73	655000 0	170000 0
34.8122200 30	35.705 433520	8.42	-5.28	-0.57	0.47	1.00	0.78	665000 0	170000 0
36.3975196 60	- 6.9565 77245	0.42	-2.17	-0.72	0.37	0.38	0.65	280000 0	165000 0
36.4956336 60	- 6.4123 52794	0.48	-2.77	-0.62	0.25	0.26	0.44	285000 0	165000 0
36.5905869 40	- 5.8668 62070	0.50	-3.06	-0.27	0.27	0.28	0.46	290000 0	165000 0
36.6823680 70	- 5.3201 38884	0.21	-3.09	0.14	0.24	0.24	0.40	295000 0	165000 0
36.7709659 00	- 4.7722 17922	-0.50	-2.99	-0.34	0.25	0.26	0.43	300000 0	165000 0
36.8563695 90	- 4.2231 34732	-1.02	-2.84	-0.88	0.26	0.27	0.44	305000 0	165000 0
36.9385686 00	- 3.6729 25699	-1.13	-2.64	-0.83	0.25	0.25	0.45	310000 0	165000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
36.237778010	-5.223109737	0.38	-3.89	-0.37	0.25	0.27	0.43	2950000	1600000
36.325730020	-4.6784	-0.24	-3.43	-0.65	0.32	0.33	0.55	3000000	1600000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
	23603								
36.4105090 20	-4.132607429	-0.64	-3.13	-1.06	0.33	0.33	0.55	3050000	1600000
36.4921047 70	-3.585696686	-0.74	-2.95	-1.23	0.30	0.30	0.50	3100000	1600000
36.5705073 30	-3.037727634	-0.28	-2.46	-1.19	0.32	0.32	0.53	3150000	1600000
36.6457071 10	-2.488737299	0.16	-1.78	-1.04	0.28	0.28	0.46	3200000	1600000
36.7176948 30	-1.938763458	0.39	-1.25	-0.83	0.35	0.35	0.59	3250000	1600000
36.7864615 40	-1.387844608	0.56	-0.88	-0.80	0.39	0.39	0.68	3300000	1600000
37.4539509 30	12.007607760	1.55	-0.95	-1.08	0.39	0.39	0.71	4500000	1600000
37.4404156 00	12.568100580	2.17	-1.34	-1.04	0.32	0.32	0.60	4550000	1600000
37.4235662 00	13.128379400	2.47	-1.73	-1.04	0.24	0.25	0.47	4600000	1600000
37.4034049 80	13.688397850	2.99	-2.03	-0.71	0.20	0.21	0.40	4650000	1600000
37.3799346 20	14.248109760	3.17	-1.76	-0.68	0.25	0.26	0.45	4700000	1600000
37.3531582 30	14.807469210	3.84	-1.53	-1.06	0.26	0.27	0.46	4750000	1600000
37.3230793 30	15.366430530	3.77	-0.87	-1.14	0.29	0.31	0.54	4800000	1600000
36.8417300 90	20.924371130	-29.70	-19.01	-0.96	0.52	0.47	0.69	5300000	1600000
36.7756756 70	21.476053520	-29.15	-22.16	-1.03	0.40	0.38	0.52	5350000	1600000
36.7063930 10	22.026823790	-28.35	-22.13	-0.83	0.35	0.37	0.45	5400000	1600000
36.6338907 60	22.576642830	-27.79	-19.51	-0.74	0.30	0.36	0.41	5450000	1600000
36.5581779 00	23.125472280	-27.41	-17.40	-0.95	0.26	0.32	0.42	5500000	1600000
36.4792637 70	23.673274480	-27.27	-17.31	-0.71	0.36	0.41	0.60	5550000	1600000
36.3971580 30	24.220012500	-27.26	-17.38	-0.49	0.35	0.40	0.62	5600000	1600000
36.3118706 60	24.765650230	-27.90	-17.61	0.04	0.36	0.40	0.61	5650000	1600000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east ing	north ing
36.2234119	25.310	-29.26	-17.76	0.74	0.34	0.35	0.55	5700000	1600000
30	152320								
36.1317924	25.853	-29.42	-16.80	0.38	0.42	0.40	0.63	5750000	1600000
30	484240								
36.0370230	26.395	-29.81	-15.37	-0.29	0.46	0.41	0.66	5800000	1600000
30	612290								
35.9391148	26.936	-30.49	-13.41	-0.98	0.49	0.38	0.61	5850000	1600000
80	503600								
35.8380794	27.476	-30.62	-11.18	-1.31	0.50	0.33	0.55	5900000	1600000
00	126200								
35.7339282	28.014	-28.36	-11.33	-1.37	0.57	0.37	0.63	5950000	1600000
70	448960								
35.6266734	28.551	-25.60	-13.54	-1.47	0.66	0.43	0.72	6000000	1600000
30	441660								
34.9186628	31.743	-1.23	-7.52	-1.22	0.44	0.44	0.81	6300000	1600000
50	889160								
34.7900346	32.270	-0.13	-7.00	-1.20	0.42	0.43	0.77	6350000	1600000
10	802300								
34.6584057	32.796	1.03	-6.50	-1.10	0.40	0.41	0.72	6400000	1600000
60	176910								
34.5237899	33.319	2.17	-6.32	-0.87	0.40	0.40	0.71	6450000	1600000
80	991200								
34.3862011	33.842	3.11	-6.28	-0.69	0.41	0.41	0.74	6500000	1600000
10	224360								
32.7816386	-17.719	0.28	-2.35	-0.93	0.40	0.39	0.72	1750000	1550000
70	150630								
32.9410148	-17.212	0.37	-3.59	-1.00	0.32	0.31	0.58	1800000	1550000
00	172740								
33.0975421	-16.703	0.42	-3.65	-0.95	0.34	0.34	0.62	1850000	1550000
90	527080								
33.2512066	-16.193	0.28	-2.94	-0.89	0.37	0.36	0.71	1900000	1550000
70	226770								
35.5119892	-6.7454	0.39	-2.43	-0.73	0.42	0.42	0.74	2800000	1550000
30	05585								
35.6087014	-6.2073	0.43	-3.34	-0.70	0.38	0.38	0.65	2850000	1550000
60	96864								
35.7022929	-5.6681	0.46	-4.61	-0.66	0.28	0.28	0.46	2900000	1550000
90	90289								
35.7927530	-5.1278	0.34	-4.54	-0.63	0.25	0.26	0.43	2950000	1550000
30	18052								
35.8800710	-4.5863	0.16	-3.56	-0.82	0.37	0.37	0.62	3000000	1550000
70									



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
	13157								
37.010102050	11.437568220	0.95	-0.66	-1.08	0.43	0.43	0.81	4450000	1550000
36.999959780	11.994598050	1.39	-0.95	-1.12	0.42	0.42	0.76	4500000	1550000
36.986526640	12.551465240	1.87	-1.31	-1.15	0.39	0.39	0.71	4550000	1550000
36.969804400	13.108124560	2.35	-1.69	-1.16	0.36	0.36	0.64	4600000	1550000
36.949795220	13.664530970	2.87	-1.99	-1.13	0.33	0.33	0.58	4650000	1550000
36.926501690	14.220639620	3.19	-1.98	-1.28	0.31	0.31	0.53	4700000	1550000
36.899926830	14.776405890	3.85	-1.91	-1.68	0.18	0.18	0.31	4750000	1550000
36.870074080	15.331785410	3.76	-1.33	-1.47	0.26	0.27	0.48	4800000	1550000
36.326738610	21.403114620	-28.80	-20.03	-0.64	0.49	0.44	0.69	5350000	1550000
36.257964530	21.950534690	-28.13	-20.21	-0.32	0.43	0.42	0.62	5400000	1550000
36.185993000	22.497030140	-27.39	-19.03	-0.05	0.37	0.39	0.55	5450000	1550000
36.110832740	23.042563580	-26.84	-17.67	-0.05	0.31	0.34	0.51	5500000	1550000
36.032492810	23.587098330	-26.93	-17.30	-0.27	0.36	0.40	0.59	5550000	1550000
35.950982580	24.130598430	-27.26	-17.24	-0.38	0.36	0.39	0.60	5600000	1550000
35.866311750	24.673028670	-27.69	-17.38	-0.35	0.37	0.39	0.61	5650000	1550000
35.778490300	25.214354590	-28.26	-17.27	-0.41	0.38	0.38	0.61	5700000	1550000
35.687528510	25.754542520	-28.66	-16.60	-0.74	0.41	0.39	0.62	5750000	1550000
35.593436930	26.293559580	-29.12	-15.57	-1.10	0.44	0.39	0.64	5800000	1550000
35.496226410	26.831373710	-30.02	-13.93	-1.48	0.46	0.35	0.59	5850000	1550000
35.395908030	27.367953690	-29.89	-12.86	-1.62	0.50	0.34	0.59	5900000	1550000
34.355137130	32.136911330	-0.37	-6.44	-1.04	0.44	0.44	0.82	6350000	1550000
34.224401110	32.659623750	0.66	-6.11	-0.94	0.44	0.44	0.80	6400000	1550000
34.090693730	33.180816680	1.65	-5.88	-0.80	0.43	0.44	0.79	6450000	1550000
32.3564009	-	0.36	-2.43	-0.93	0.39	0.39	0.70	175000	150000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
80	17.561 261570							0	0
32.5147638 70	- 17.056 505330	0.68	-3.98	-0.98	0.27	0.27	0.45	180000 0	150000 0
32.6702902 00	- 16.550 123300	0.61	-3.89	-0.96	0.31	0.31	0.54	185000 0	150000 0
32.8229661 30	- 16.042 128440	0.35	-2.85	-0.90	0.39	0.38	0.71	190000 0	150000 0
35.1645433 60	- 6.1076 39477	0.42	-3.21	-0.68	0.40	0.40	0.69	285000 0	150000 0
35.2574724 70	- 5.5714 98682	0.35	-4.06	-0.64	0.34	0.34	0.57	290000 0	150000 0
35.3472899 50	- 5.0342 24092	0.33	-4.06	-0.69	0.33	0.34	0.57	295000 0	150000 0
35.4339855 60	- 4.4958 47899	0.41	-3.30	-0.87	0.39	0.39	0.68	300000 0	150000 0
35.5175493 90	- 3.9564 03063	0.68	-2.94	-1.12	0.39	0.39	0.68	305000 0	150000 0
35.5979717 60	- 3.4159 23291	1.26	-3.02	-1.41	0.34	0.34	0.57	310000 0	150000 0
35.6752433 30	- 2.8744 43021	1.64	-2.93	-1.56	0.28	0.28	0.47	315000 0	150000 0
35.8202981 40	- 1.7886 22274	0.74	-1.30	-1.13	0.42	0.42	0.75	325000 0	150000 0
35.8880642 10	- 1.2443 54145	0.51	-0.82	-1.00	0.43	0.43	0.80	330000 0	150000 0
36.5557646 40	11.428 362140	0.95	-0.71	-1.11	0.44	0.44	0.81	445000 0	150000 0
36.5456980 90	11.981 828510	1.37	-1.03	-1.20	0.42	0.42	0.77	450000 0	150000 0
36.5323652 10	12.535 136860	1.83	-1.36	-1.27	0.41	0.41	0.74	455000 0	150000 0
36.4727875 40	14.193 675460	3.27	-1.85	-1.57	0.35	0.35	0.61	470000 0	150000 0
36.4464103 70	14.745 914280	3.61	-1.72	-1.71	0.31	0.31	0.53	475000 0	150000 0
36.4167794 30	15.297 777360	3.10	-1.27	-1.53	0.36	0.36	0.63	480000 0	150000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
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	-1.174544125	0.48	-0.74	-0.98	0.44	0.44	0.82	3300000	1450000
36.077923990	12.519108060	2.07	-1.62	-1.41	0.39	0.39	0.67	4550000	1450000
36.0614488	13.068	2.38	-1.74	-1.47	0.39	0.39	0.68	4600000	1450000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
00	726590							0	0
36.018785100	14.167205150	3.43	-1.85	-1.65	0.33	0.33	0.60	4700000	1450000
35.992601860	14.715980680	3.67	-1.78	-1.67	0.28	0.30	0.54	4750000	1450000
35.214951320	22.881184200	-26.91	-17.24	-0.03	0.41	0.43	0.72	5500000	1450000
35.137728290	23.419348610	-26.24	-17.04	0.03	0.29	0.36	0.62	5550000	1450000
35.057376540	23.956534670	-26.36	-16.34	-0.33	0.26	0.31	0.49	5600000	1450000
34.973905210	24.492708930	-27.68	-16.66	-0.75	0.30	0.34	0.51	5650000	1450000
34.887323730	25.027838630	-28.72	-16.77	-1.20	0.30	0.32	0.53	5700000	1450000
34.797641790	25.561891770	-28.37	-16.32	-1.57	0.39	0.38	0.62	5750000	1450000
34.704869350	26.094837050	-28.01	-16.11	-1.61	0.44	0.40	0.68	5800000	1450000
34.609016650	26.626643950	-27.64	-15.90	-1.50	0.51	0.45	0.74	5850000	1450000
34.622912760	-3.786421125	0.75	-2.11	-0.90	0.42	0.42	0.75	3050000	1400000
34.702204290	-3.252158887	1.07	-2.05	-1.01	0.40	0.40	0.70	3100000	1400000
34.778385990	-2.716950425	1.22	-1.90	-1.07	0.38	0.38	0.67	3150000	1400000
34.851449320	-2.180829108	0.96	-1.43	-1.05	0.41	0.41	0.74	3200000	1400000
34.921386020	-1.643828943	0.64	-0.95	-1.00	0.43	0.43	0.80	3250000	1400000
34.988188160	-1.105984559	0.41	-0.61	-0.93	0.44	0.44	0.84	3300000	1400000
35.636333750	11.956986940	1.66	-1.39	-1.35	0.38	0.38	0.68	4500000	1400000
35.623195670	12.503371700	2.64	-2.22	-1.59	0.25	0.25	0.42	4550000	1400000
35.606840510	13.049565800	2.54	-1.95	-1.56	0.34	0.34	0.59	4600000	1400000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
34.60993810	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
28.926417670	-16.387124760	0.31	-3.12	-1.01	0.36	0.36	0.63	1750000	1100000
29.077238400	-15.899213420	0.29	-2.65	-1.10	0.40	0.40	0.71	1800000	1100000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
29.6529813 20	-13.934 429040	0.47	-2.33	-1.21	0.39	0.40	0.70	200000 0	110000 0
29.7899765 00	-13.440 011270	0.38	-1.95	-1.03	0.39	0.40	0.73	205000 0	110000 0
27.7038829 70	-18.660 668170	0.19	-2.62	-1.25	0.37	0.38	0.66	150000 0	105000 0
27.8673201 20	-18.181 355710	0.05	-3.97	-1.40	0.23	0.27	0.42	155000 0	105000 0
28.0280808 40	-17.700 704630	-0.12	-3.90	-0.86	0.28	0.30	0.49	160000 0	105000 0
28.1861540 60	-17.218 722790	0.45	-3.76	-0.85	0.25	0.33	0.53	165000 0	105000 0
28.3415287 00	-16.735 418760	0.27	-4.10	-1.26	0.16	0.17	0.27	170000 0	105000 0
28.4941937 20	-16.250 801800	0.32	-4.36	-1.17	0.14	0.13	0.28	175000 0	105000 0
28.6441381 10	-15.764 881860	0.33	-3.43	-1.29	0.35	0.35	0.60	180000 0	105000 0
28.7913509 20	-15.277 669590	0.39	-3.03	-1.30	0.39	0.39	0.68	185000 0	105000 0
29.0775382 00	-14.299 414160	0.64	-3.34	-1.47	0.36	0.36	0.62	195000 0	105000 0
29.2164910 20	-13.808 395770	0.81	-3.60	-1.51	0.28	0.29	0.49	200000 0	105000 0
29.3526690 00	-13.316 134630	0.58	-2.92	-1.05	0.27	0.32	0.56	205000 0	105000 0
27.2753603 90	-18.517 189940	0.23	-2.28	-1.29	0.38	0.39	0.69	150000 0	100000 0
27.4378837 40	-18.039 678230	0.29	-3.39	-1.44	0.28	0.30	0.49	155000 0	100000 0
27.5977403 70	-17.560 861290	0.14	-3.38	-1.28	0.32	0.33	0.56	160000 0	100000 0
27.7549194 90	-17.080 746890	0.47	-3.33	-1.23	0.32	0.35	0.60	165000 0	100000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
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
27.340315865	-15.374671836	0.49	-2.72	-1.27	0.37	0.38	0.66	1800000	900000
27.485015324	-14.893380558	0.58	-2.90	-1.24	0.38	0.38	0.67	1850000	900000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northi ng
27.627006186	-14.410903406	0.65	-3.12	-1.13	0.36	0.36	0.62	1900000	900000
27.766278432	-13.927251759	0.56	-3.03	-1.11	0.36	0.36	0.62	1950000	900000
27.902822106	-13.442437639	0.43	-2.46	-1.09	0.39	0.39	0.70	2000000	900000