

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

Copernicus Land Monitoring Service



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PROGRAMME OF  
THE EUROPEAN UNION



# Content

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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
69.9312759	33.182228280	-0.17	0.14	1.71	0.42	0.42	0.76	5200000	5350000
69.7770406	34.386622290	-0.30	0.20	1.27	0.44	0.44	0.82	5250000	5350000
70.7056729	17.477120410	0.55	-0.73	-0.70	0.43	0.43	0.79	4600000	5300000
70.6517784	18.802309040	0.48	-0.70	0.09	0.42	0.42	0.76	4650000	5300000
70.5892001	20.120338470	0.38	-0.68	0.84	0.39	0.39	0.70	4700000	5300000
70.5180180	21.430225720	0.27	-0.65	1.51	0.34	0.34	0.63	4750000	5300000
70.4383219	22.731029560	0.23	-0.57	2.03	0.29	0.29	0.56	4800000	5300000
70.3502105	24.021854360	0.32	-0.42	2.33	0.34	0.34	0.60	4850000	5300000
70.2537914	25.301853310	0.46	-0.18	2.59	0.34	0.34	0.58	4900000	5300000
70.1491798	26.570231160	0.53	0.03	2.87	0.28	0.28	0.46	4950000	5300000
70.0364985	27.826246410	0.42	0.10	2.88	0.33	0.33	0.55	5000000	5300000
69.9158765	29.069212810	0.28	0.14	2.88	0.38	0.38	0.65	5050000	5300000
69.7874490	30.298500470	0.14	0.16	2.81	0.38	0.38	0.66	5100000	5300000
69.6513560	31.513536390	0.00	0.20	2.55	0.40	0.40	0.71	5150000	5300000
69.5077424	32.713804430	-0.12	0.27	2.15	0.43	0.43	0.78	5200000	5300000
69.3567564	33.898844950	-0.23	0.32	1.67	0.44	0.44	0.82	5250000	5300000
70.2546392	17.316975690	0.64	-0.74	-0.06	0.41	0.41	0.73	4600000	5250000
70.2020008	18.614481320	0.56	-0.71	0.82	0.37	0.38	0.66	4650000	5250000
70.1408727	19.905313690	0.41	-0.71	1.62	0.33	0.33	0.59	4700000	5250000
70.0713293	21.188552080	0.20	-0.72	2.32	0.22	0.22	0.46	4750000	5250000
69.9934544	22.463313100	0.17	-0.61	2.81	0.24	0.24	0.46	4800000	5250000
69.9073402	23.728754090	0.23	-0.41	3.07	0.26	0.26	0.51	4850000	5250000
69.8130870	24.984076140	0.40	-0.11	3.24	0.36	0.36	0.62	4900000	5250000
69.7108028	26.228526630	0.45	0.11	3.39	0.30	0.30	0.51	4950000	5250000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
69.048686830	28.311268660	0.30	0.54	4.26	0.39	0.38	0.68	5050000	5200000
68.925673460	29.498308370	0.18	0.55	4.09	0.41	0.40	0.72	5100000	5200000
68.795248830	30.672762690	0.07	0.55	3.72	0.42	0.42	0.76	5150000	5200000
68.657541090	31.834147720	-0.04	0.54	3.20	0.43	0.43	0.79	5200000	5200000
68.512682160	32.982026570	-0.12	0.55	2.59	0.43	0.43	0.81	5250000	5200000
66.134388660	-23.905591150	4.60	-16.89	-0.05	0.33	0.34	0.57	2850000	5150000
66.344175400	-22.929735060	4.24	-17.72	1.75	0.32	0.32	0.54	2900000	5150000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
66.548372630	-21.939072180	4.84	-17.40	0.74	0.40	0.40	0.71	2950000	5150000
66.746845540	-20.933623570	5.06	-17.24	-1.29	0.43	0.43	0.78	3000000	5150000
69.428931910	14.512570610	0.84	-0.82	-0.62	0.38	0.38	0.68	4500000	5150000
69.395050370	15.767401640	0.98	-0.71	0.26	0.25	0.24	0.43	4550000	5150000
69.352938440	17.018105960	0.68	-0.83	1.47	0.28	0.29	0.49	4600000	5150000
69.302643890	18.263823090	0.40	-0.90	2.62	0.23	0.25	0.43	4650000	5150000
69.244223230	19.503715790	0.43	-0.77	3.25	0.21	0.24	0.43	4700000	5150000
69.177741430	20.736973470	0.58	-0.49	3.65	0.29	0.29	0.49	4750000	5150000
69.103271500	21.962815500	0.60	-0.23	3.98	0.30	0.30	0.49	4800000	5150000
69.020894130	23.180494020	0.60	0.08	4.20	0.17	0.17	0.28	4850000	5150000
68.930697230	24.389296530	0.51	0.15	4.62	0.35	0.35	0.59	4900000	5150000
68.832775430	25.588548040	0.45	0.32	4.89	0.39	0.38	0.67	4950000	5150000
68.727229670	26.777612880	0.38	0.56	5.06	0.38	0.35	0.66	5000000	5150000
68.614166590	27.955896160	0.28	0.77	5.12	0.36	0.30	0.62	5050000	5150000
68.493698110	29.122844840	0.19	0.74	4.91	0.37	0.36	0.64	5100000	5150000
68.365940840	30.277948430	0.07	0.70	4.45	0.40	0.39	0.70	5150000	5150000
68.231015580	31.420739390	-0.03	0.67	3.82	0.42	0.42	0.77	5200000	5150000
68.089046790	32.550793170	-0.11	0.64	3.11	0.42	0.42	0.80	5250000	5150000
65.533143170	-24.301625800	4.50	-16.81	-1.08	0.37	0.39	0.65	2800000	5100000
65.744857230	-23.349544250	4.63	-17.50	0.30	0.31	0.33	0.53	2850000	5100000
65.951145610	-22.383310850	4.63	-17.59	1.92	0.31	0.32	0.52	2900000	5100000
66.151880090	-21.402935420	4.89	-17.58	0.97	0.39	0.40	0.68	2950000	5100000
66.346931510	-20.408454240	5.23	-17.32	-0.97	0.42	0.42	0.75	3000000	5100000
66.536170000	-19.399931650	5.81	-16.76	-3.47	0.42	0.43	0.77	3050000	5100000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
66.719465280	-18.377461690	4.37	-14.40	-4.80	0.43	0.43	0.79	3100000	5100000
69.001652850	13.189302840	0.75	-0.95	-0.82	0.41	0.41	0.74	4450000	5100000
68.976603920	14.422331180	0.75	-0.93	0.15	0.37	0.37	0.66	4500000	5100000
68.943465770	15.652322910	0.71	-0.92	1.21	0.30	0.30	0.51	4550000	5100000
68.902274570	16.878453980	0.49	-1.00	2.42	0.25	0.27	0.46	4600000	5100000
68.853074960	18.099917810	0.34	-0.98	3.51	0.24	0.26	0.45	4650000	5100000
68.795919780	19.315928570	0.45	-0.75	4.05	0.30	0.31	0.54	4700000	5100000
68.730869810	20.525724420	0.65	-0.45	4.42	0.30	0.30	0.52	4750000	5100000
68.657993420	21.728570430	0.74	-0.19	4.76	0.29	0.27	0.50	4800000	5100000
68.577366190	22.923761160	0.63	0.01	5.10	0.29	0.29	0.49	4850000	5100000
68.489070550	24.110623030	0.53	0.14	5.44	0.28	0.27	0.47	4900000	5100000
68.393195300	25.288516330	0.41	0.32	5.66	0.37	0.37	0.64	4950000	5100000
68.289835230	26.456836950	0.32	0.53	5.79	0.38	0.37	0.66	5000000	5100000
68.179090630	27.615017710	0.24	0.73	5.84	0.36	0.34	0.61	5050000	5100000
68.061066800	28.762529440	0.17	0.85	5.78	0.23	0.23	0.38	5100000	5100000
67.935873630	29.898881720	0.05	0.80	5.18	0.34	0.34	0.59	5150000	5100000
67.803625050	31.023623330	-0.07	0.74	4.41	0.41	0.41	0.74	5200000	5100000
67.664438590	32.136342350	-0.16	0.72	3.62	0.43	0.42	0.79	5250000	5100000
65.145001470	-23.754746400	4.48	-17.57	-1.41	0.29	0.35	0.53	2800000	5050000
65.353284700	-22.811653060	4.45	-17.57	0.29	0.29	0.33	0.51	2850000	5050000
65.556174460	-21.855024690	4.95	-17.99	2.10	0.27	0.33	0.49	2900000	5050000
65.753547730	-20.884885520	5.52	-17.67	1.90	0.38	0.39	0.66	2950000	5050000
65.945280690	-19.901284900	5.95	-17.73	0.36	0.40	0.40	0.70	3000000	5050000
66.131249070	-18.904298820	6.84	-17.13	-3.35	0.38	0.39	0.67	3050000	5050000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
68.347640540	19.136090460	0.54	-0.74	4.70	0.36	0.36	0.60	4700000	5050000
68.283961870	20.323364890	0.58	-0.50	5.20	0.34	0.34	0.57	4750000	5050000
68.212612250	21.504117660	0.59	-0.27	5.64	0.32	0.31	0.53	4800000	5050000
68.133662600	22.677682780	0.54	-0.07	5.97	0.34	0.33	0.57	4850000	5050000
68.047190280	23.843423030	0.45	0.10	6.23	0.33	0.32	0.55	4900000	5050000
67.953278710	25.000731840	0.33	0.27	6.37	0.36	0.34	0.60	4950000	5050000
67.852017030	26.149034860	0.24	0.46	6.43	0.35	0.34	0.58	5000000	5050000
67.743499610	27.287791300	0.17	0.62	6.41	0.34	0.34	0.57	5050000	5050000
67.627825650	28.416494940	0.08	0.74	6.22	0.34	0.33	0.56	5100000	5050000
67.505098770	29.534674880	-0.03	0.74	5.68	0.37	0.36	0.64	5150000	5050000
67.375426520	30.641896020	-0.12	0.74	4.91	0.41	0.41	0.74	5200000	5050000
67.238919980	31.737759280	-0.23	0.76	4.09	0.43	0.43	0.80	5250000	5050000
67.095693320	32.821901580	-0.33	0.75	3.26	0.43	0.43	0.82	5300000	5050000
64.544636840	-24.146399990	4.10	-16.96	-4.36	0.34	0.37	0.61	2750000	5000000
64.754826400	-23.225251200	4.46	-17.33	-2.46	0.31	0.35	0.55	2800000	5000000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
64.959773710	-22.291140050	4.93	-18.05	0.10	0.31	0.34	0.54	2850000	5000000
65.159361500	-21.344080670	5.40	-18.11	2.85	0.31	0.35	0.54	2900000	5000000
65.353471690	-20.384109760	6.22	-18.36	4.74	0.36	0.37	0.62	2950000	5000000
65.541985640	-19.411287920	7.40	-17.98	4.09	0.36	0.37	0.62	3000000	5000000
65.724784390	-18.425700930	8.54	-17.45	0.32	0.23	0.27	0.41	3050000	5000000
65.901748940	-17.427461050	7.35	-15.28	0.52	0.30	0.31	0.51	3100000	5000000
66.072760530	-16.416708160	1.32	-3.68	2.34	0.37	0.37	0.64	3150000	5000000
66.237700940	-15.393610890	0.17	-0.55	-0.47	0.42	0.42	0.76	3200000	5000000
66.396452830	-14.358367690	0.72	-1.00	-1.37	0.44	0.44	0.82	3250000	5000000
66.548900060	-13.311207700	0.75	-0.94	-1.09	0.44	0.44	0.85	3300000	5000000
68.112746790	11.879173910	0.77	-1.07	-0.53	0.37	0.37	0.65	4400000	5000000
68.096528970	13.067181750	0.70	-1.08	0.51	0.27	0.27	0.46	4450000	5000000
68.072534930	14.253259000	0.51	-1.18	1.82	0.25	0.25	0.46	4500000	5000000
68.040788760	15.436668950	0.52	-1.13	2.95	0.29	0.30	0.49	4550000	5000000
68.001322160	16.616686080	0.55	-1.04	3.87	0.33	0.34	0.55	4600000	5000000
67.954174270	17.792598910	0.60	-0.89	4.61	0.34	0.35	0.57	4650000	5000000
67.899391490	18.963712830	0.61	-0.72	5.24	0.35	0.35	0.58	4700000	5000000
67.837027220	20.129352670	0.56	-0.52	5.84	0.32	0.32	0.53	4750000	5000000
67.767141610	21.288865090	0.48	-0.33	6.41	0.24	0.24	0.39	4800000	5000000
67.689801240	22.441620820	0.44	-0.10	6.70	0.36	0.36	0.61	4850000	5000000
67.605078810	23.587016630	0.35	0.09	6.88	0.36	0.34	0.61	4900000	5000000
67.513052790	24.724477030	0.24	0.28	6.97	0.34	0.31	0.58	4950000	5000000
67.413807060	25.853455810	0.16	0.44	7.01	0.27	0.27	0.45	5000000	5000000
67.307430520	26.973437240	0.07	0.57	6.90	0.30	0.30	0.49	5050000	5000000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
67.194016710	28.083937100	-0.01	0.63	6.60	0.38	0.36	0.64	5100000	5000000
67.073663420	29.184503410	-0.11	0.64	6.09	0.39	0.35	0.68	5150000	5000000
66.946472270	30.274716920	-0.21	0.74	5.31	0.41	0.40	0.74	5200000	5000000
66.812548300	31.354191410	-0.30	0.80	4.47	0.43	0.43	0.79	5250000	5000000
66.671999610	32.422573760	-0.41	0.80	3.62	0.44	0.44	0.82	5300000	5000000
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
67.504847050	17.648356750	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	eastin g	northi ng
67.451177520	18.798346090	0.68	-0.72	5.73	0.27	0.27	0.44	4700000	4950000
67.390074150	19.943188440	0.58	-0.54	6.38	0.36	0.36	0.60	4750000	4950000
67.321593450	21.082266970	0.47	-0.33	6.91	0.37	0.37	0.62	4800000	4950000
67.245798010	22.214986590	0.37	-0.12	7.24	0.38	0.38	0.65	4850000	4950000
67.162756230	23.340775830	0.26	0.11	7.44	0.36	0.34	0.62	4900000	4950000
67.072541990	24.459088410	0.15	0.34	7.49	0.34	0.32	0.59	4950000	4950000
66.975234300	25.569404650	0.06	0.52	7.51	0.35	0.33	0.59	5000000	4950000
66.870917000	26.671232650	-0.02	0.63	7.33	0.36	0.35	0.61	5050000	4950000
66.759678360	27.764109240	-0.10	0.66	6.93	0.39	0.37	0.67	5100000	4950000
66.641610750	28.847600690	-0.20	0.70	6.37	0.38	0.36	0.67	5150000	4950000
66.516810240	29.921303280	-0.29	0.81	5.60	0.40	0.39	0.70	5200000	4950000
66.385376270	30.984843610	-0.39	0.85	4.78	0.42	0.42	0.76	5250000	4950000
66.247411230	32.037878660	-0.48	0.84	3.93	0.44	0.43	0.81	5300000	4950000
63.556238940	-24.012317500	3.36	-14.21	-5.78	0.42	0.42	0.77	2700000	4900000
63.765038390	-23.119893670	3.73	-14.78	-8.17	0.35	0.35	0.67	2750000	4900000
63.968766360	-22.215557280	3.39	-15.27	-4.40	0.26	0.26	0.46	2800000	4900000
64.167315240	-21.299325250	4.84	-13.75	-2.97	0.28	0.28	0.47	2850000	4900000
64.360576740	-20.371233890	3.35	-16.11	8.12	0.29	0.29	0.51	2900000	4900000
64.548442130	-19.431339990	4.93	-16.32	16.31	0.24	0.23	0.46	2950000	4900000
64.730802400	-18.479721830	8.07	-16.06	22.76	0.27	0.31	0.50	3000000	4900000
64.907548540	-17.516480240	16.69	-21.14	17.16	0.27	0.31	0.50	3050000	4900000
65.078571750	-16.541739530	5.64	-4.95	10.92	0.30	0.32	0.52	3100000	4900000
65.243763710	-15.555648400	2.66	1.20	8.03	0.32	0.33	0.55	3150000	4900000
65.403016860	-14.558380800	1.16	0.11	0.75	0.40	0.40	0.71	3200000	4900000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
65.9574523 80	30.628 973610	-0.47	0.92	5.02	0.40	0.40	0.71	525000 0	490000 0
65.8219811 40	31.667 064610	-0.56	0.88	4.18	0.43	0.43	0.79	530000 0	490000 0
65.6801703 90	32.694 893810	-0.64	0.83	3.29	0.44	0.44	0.83	535000 0	490000 0
63.3724354 20	-22.629 977310	3.55	-7.95	-9.17	0.40	0.40	0.72	275000 0	485000 0
63.5730617 30	-21.734 013580	3.19	-1.71	-3.33	0.36	0.36	0.62	280000 0	485000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
63.768542520	-20.826650020	2.42	-2.77	3.38	0.32	0.33	0.53	2850000	4850000
63.958773750	-19.907931920	1.17	-11.21	14.82	0.26	0.26	0.46	2900000	4850000
64.143651070	-18.977924000	2.13	-8.52	17.59	0.30	0.30	0.52	2950000	4850000
64.323069970	-18.036711390	2.33	-12.80	24.23	0.31	0.34	0.54	3000000	4850000
64.496926060	-17.084400460	8.69	-5.27	24.73	0.34	0.35	0.58	3050000	4850000
64.665115270	-16.121119740	0.94	6.17	19.84	0.30	0.32	0.51	3100000	4850000
64.827534130	-15.147020660	2.23	4.30	10.20	0.30	0.32	0.52	3150000	4850000
64.984079960	-14.162278270	1.73	1.85	2.64	0.39	0.40	0.70	3200000	4850000
66.755649970	11.777998980	0.71	-1.38	1.37	0.37	0.38	0.64	4400000	4850000
66.740395780	12.902199730	0.62	-1.35	2.51	0.28	0.30	0.48	4450000	4850000
66.717825060	14.024796620	0.45	-1.31	3.86	0.26	0.29	0.46	4500000	4850000
66.687957760	15.145176550	0.39	-1.24	5.07	0.25	0.28	0.47	4550000	4850000
66.650820110	16.262734640	0.48	-1.10	5.76	0.31	0.32	0.54	4600000	4850000
66.606444590	17.376876380	0.59	-0.94	6.24	0.30	0.30	0.50	4650000	4850000
66.554869680	18.487019730	0.57	-0.76	6.77	0.29	0.29	0.47	4700000	4850000
66.496139790	19.592597070	0.50	-0.60	7.26	0.33	0.33	0.54	4750000	4850000
66.430304950	20.693057010	0.41	-0.40	7.62	0.34	0.34	0.56	4800000	4850000
66.357420680	21.787866130	0.29	-0.20	7.97	0.33	0.33	0.55	4850000	4850000
66.277547700	22.876510460	0.14	0.01	8.28	0.16	0.16	0.26	4900000	4850000
66.190751670	23.958496930	-0.01	0.24	8.42	0.25	0.25	0.42	4950000	4850000
66.097102940	25.033354540	-0.11	0.46	8.29	0.31	0.30	0.52	5000000	4850000
65.996676240	26.100635420	-0.17	0.61	7.88	0.36	0.34	0.62	5050000	4850000
65.889550410	27.159915710	-0.25	0.72	7.33	0.36	0.33	0.63	5100000	4850000
65.775808050	28.210796240	-0.34	0.89	6.70	0.33	0.32	0.56	5150000	4850000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
65.6555352	29.252903100	-0.47	0.99	6.00	0.31	0.30	0.52	5200000	4850000
65.5288212	30.285887960	-0.56	0.95	5.24	0.39	0.39	0.69	5250000	4850000
65.3957581	31.309428310	-0.65	0.90	4.39	0.42	0.42	0.77	5300000	4850000
65.2564406	32.323227490	-0.71	0.84	3.49	0.44	0.44	0.82	5350000	4850000
65.1109654	33.327014620	-0.77	0.77	2.58	0.44	0.44	0.84	5400000	4850000
63.3681816	-20.368602820	1.06	-1.04	1.65	0.18	0.23	0.33	2850000	4800000
63.5554673	-19.459169940	-0.87	-2.29	7.04	0.33	0.34	0.56	2900000	4800000
63.7374420	-18.538934050	-1.22	-1.25	14.77	0.34	0.35	0.58	2950000	4800000
63.9140055	-17.607985940	-4.52	-1.25	20.39	0.15	0.24	0.34	3000000	4800000
64.0850579	-16.666436510	-1.99	3.88	24.95	0.34	0.35	0.58	3050000	4800000
64.2504996	-15.714417450	-2.06	6.80	15.20	0.28	0.28	0.46	3100000	4800000
64.4102316	-14.752082000	0.30	5.08	7.64	0.29	0.29	0.49	3150000	4800000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
65.834692150	22.657448950	0.15	-0.01	8.55	0.28	0.28	0.51	4900000	4800000
65.749509860	23.722195620	0.01	0.21	8.65	0.28	0.28	0.51	4950000	4800000
65.657589640	24.780201520	-0.14	0.44	8.42	0.34	0.34	0.57	5000000	4800000
65.559002140	25.831039110	-0.24	0.64	7.98	0.34	0.33	0.58	5050000	4800000
65.453821960	26.874302840	-0.34	0.76	7.44	0.35	0.34	0.60	5100000	4800000
65.342127300	27.909609810	-0.46	0.86	6.85	0.37	0.36	0.64	5150000	4800000
65.223999750	28.936600320	-0.60	0.92	6.23	0.36	0.31	0.62	5200000	4800000
65.099523940	29.954938230	-0.66	0.93	5.45	0.39	0.37	0.67	5250000	4800000
64.968787320	30.964311200	-0.72	0.89	4.57	0.41	0.41	0.73	5300000	4800000
64.831879790	31.964430810	-0.76	0.84	3.66	0.43	0.43	0.79	5350000	4800000
64.688893470	32.955032480	-0.81	0.78	2.72	0.44	0.44	0.83	5400000	4800000
63.329883770	-18.113748220	-2.73	1.34	13.13	0.39	0.40	0.69	2950000	4750000
63.503674850	-17.192917760	-4.65	3.11	19.50	0.37	0.39	0.66	3000000	4750000
63.672006600	-16.261956440	-4.69	5.65	22.26	0.38	0.39	0.67	3050000	4750000
63.834783750	-15.320998280	-3.03	5.14	14.66	0.36	0.36	0.62	3100000	4750000
63.991911760	-14.370197530	-0.70	3.49	7.76	0.37	0.37	0.64	3150000	4750000
64.143297020	-13.409729140	0.40	2.12	3.50	0.41	0.41	0.75	3200000	4750000
65.859562900	10.630409880	0.78	-1.47	1.41	0.38	0.38	0.67	4350000	4750000
65.851940360	11.717008010	0.74	-1.50	2.58	0.27	0.27	0.44	4400000	4750000
65.837266220	12.802730950	0.53	-1.48	3.85	0.27	0.27	0.45	4450000	4750000
65.815552480	13.887028210	0.37	-1.39	5.09	0.24	0.25	0.45	4500000	4750000
65.786816800	14.969354230	0.45	-1.23	5.83	0.34	0.34	0.58	4550000	4750000
65.751082470	16.049170230	0.48	-1.08	6.54	0.32	0.32	0.54	4600000	4750000
65.708378290	17.125945980	0.49	-0.87	7.16	0.34	0.34	0.57	4650000	4750000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
64.907968310	27.619115180	-0.56	0.83	6.89	0.38	0.36	0.65	5150000	4750000
64.791912000	28.631423140	-0.68	0.87	6.29	0.36	0.32	0.63	5200000	4750000
64.669598280	29.635517570	-0.75	0.89	5.55	0.35	0.34	0.60	5250000	4750000
64.541110190	30.631096180	-0.79	0.88	4.71	0.36	0.36	0.62	5300000	4750000
64.406533210	31.617878810	-0.81	0.83	3.79	0.41	0.41	0.73	5350000	4750000
64.265955000	32.595607400	-0.84	0.75	2.84	0.43	0.43	0.80	5400000	4750000
64.119465110	33.564045920	-0.87	0.69	1.87	0.44	0.44	0.84	5450000	4750000
63.257830130	-15.870362800	-4.81	5.02	19.40	0.42	0.42	0.76	3050000	4700000
63.418022670	-14.940263360	-3.23	4.11	14.13	0.42	0.42	0.76	3100000	4700000
63.572626180	-14.000768720	-1.27	2.87	8.34	0.42	0.42	0.77	3150000	4700000
65.408404660	9.551144124	0.77	-1.42	0.77	0.41	0.41	0.74	4300000	4700000
65.407850470	10.619840490	0.78	-1.44	1.80	0.37	0.37	0.65	4350000	4700000
65.400370080	11.688233120	0.73	-1.44	3.01	0.31	0.31	0.52	4400000	4700000
65.385969360	12.755799330	0.55	-1.42	4.28	0.30	0.29	0.50	4450000	4700000
65.364659610	13.822019210	0.45	-1.32	5.33	0.29	0.28	0.50	4500000	4700000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
64.866413350	23.275121050	-0.17	0.11	8.74	0.39	0.39	0.67	4950000	4700000
64.777765320	24.301050300	-0.27	0.43	8.43	0.39	0.39	0.68	5000000	4700000
64.682661730	25.320546270	-0.37	0.68	7.92	0.36	0.36	0.61	5050000	4700000
64.581169480	26.333237480	-0.49	0.79	7.37	0.36	0.35	0.62	5100000	4700000
64.473358860	27.338771580	-0.63	0.80	6.77	0.37	0.33	0.64	5150000	4700000
64.359303290	28.336815840	-0.73	0.82	6.18	0.36	0.34	0.63	5200000	4700000
64.239079070	29.327057610	-0.81	0.86	5.53	0.30	0.29	0.50	5250000	4700000
64.112765120	30.309204510	-0.82	0.85	4.78	0.27	0.27	0.46	5300000	4700000
63.980442760	31.282984620	-0.81	0.79	3.90	0.39	0.39	0.69	5350000	4700000
63.842195430	32.248146540	-0.82	0.72	2.94	0.42	0.42	0.78	5400000	4700000
63.698108480	33.204459310	-0.87	0.65	1.93	0.44	0.43	0.83	5450000	4700000
63.548268900	34.151712290	-0.91	0.58	0.95	0.44	0.44	0.85	5500000	4700000
64.956867370	9.558515245	0.72	-1.39	1.11	0.39	0.39	0.69	4300000	4650000
64.956323320	10.609661770	0.74	-1.38	2.07	0.32	0.32	0.57	4350000	4650000
64.948979740	11.660521200	0.71	-1.35	3.27	0.29	0.29	0.52	4400000	4650000
64.934842170	12.710599460	0.56	-1.37	4.55	0.31	0.31	0.53	4450000	4650000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
64.913921290	13.759405010	0.54	-1.30	5.49	0.22	0.21	0.36	4500000	4650000
64.886232820	14.806450360	0.61	-1.11	6.23	0.29	0.29	0.48	4550000	4650000
64.851797510	15.851253660	0.56	-0.97	6.84	0.26	0.26	0.43	4600000	4650000
64.810641030	16.893340160	0.40	-0.83	7.49	0.26	0.26	0.42	4650000	4650000
64.762793860	17.932243670	0.45	-0.61	8.31	0.31	0.31	0.51	4700000	4650000
64.708291210	18.967507920	0.43	-0.47	8.87	0.25	0.25	0.42	4750000	4650000
64.647172820	19.998687850	0.20	-0.36	9.09	0.33	0.33	0.55	4800000	4650000
64.579482870	21.025350840	-0.04	-0.41	9.13	0.27	0.27	0.44	4850000	4650000
64.505269750	22.047077790	-0.19	-0.34	8.94	0.30	0.30	0.51	4900000	4650000
64.424585940	23.063464210	-0.26	0.08	8.69	0.39	0.38	0.67	4950000	4650000
64.337487790	24.074121090	-0.34	0.42	8.29	0.40	0.40	0.70	5000000	4650000
64.244035290	25.078675730	-0.40	0.69	7.75	0.38	0.37	0.67	5050000	4650000
64.144291920	26.076772450	-0.50	0.83	7.13	0.37	0.35	0.66	5100000	4650000
64.038324370	27.068073210	-0.67	0.81	6.54	0.37	0.34	0.66	5150000	4650000
63.926202360	28.052258060	-0.76	0.80	5.97	0.37	0.35	0.66	5200000	4650000
63.807998390	29.029025550	-0.79	0.82	5.37	0.35	0.32	0.61	5250000	4650000
63.683787540	29.998093030	-0.79	0.79	4.72	0.36	0.34	0.61	5300000	4650000
63.553647180	30.959196780	-0.76	0.72	3.98	0.38	0.36	0.68	5350000	4650000
63.417656820	31.912092100	-0.78	0.66	3.01	0.41	0.39	0.74	5400000	4650000
63.275897810	32.856553340	-0.85	0.61	1.93	0.43	0.42	0.81	5450000	4650000
63.128453160	33.792373720	-0.90	0.55	0.92	0.44	0.44	0.84	5500000	4650000
64.499364510	8.531581552	0.66	-1.29	0.61	0.39	0.39	0.69	4250000	4600000
64.505508150	9.565618725	0.61	-1.36	1.47	0.35	0.35	0.60	4300000	4600000
64.504973870	10.599852610	0.55	-1.41	2.45	0.25	0.25	0.43	4350000	4600000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
64.4977620	11.633814870	0.49	-1.35	3.81	0.30	0.30	0.50	4400000	4600000
64.4838779	12.667038010	0.44	-1.29	5.01	0.35	0.35	0.58	4450000	4600000
64.4633315	13.699056830	0.44	-1.21	5.89	0.35	0.35	0.59	4500000	4600000
64.4361379	14.729409860	0.47	-1.08	6.64	0.36	0.36	0.61	4550000	4600000
64.4023164	15.757640760	0.41	-0.93	7.26	0.34	0.34	0.57	4600000	4600000
64.3618915	16.783299690	0.32	-0.78	7.86	0.33	0.33	0.55	4650000	4600000
64.3148920	17.805944630	0.32	-0.60	8.53	0.35	0.35	0.58	4700000	4600000
64.2613511	18.825142620	0.23	-0.44	9.02	0.33	0.33	0.55	4750000	4600000
64.2013065	19.840470970	0.06	-0.32	9.24	0.33	0.33	0.55	4800000	4600000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
64.048283970	8.554730408	0.66	-1.17	0.96	0.28	0.29	0.53	4250000	4550000
64.054319430	9.572468764	0.47	-1.33	2.01	0.28	0.28	0.49	4300000	4550000
64.053794560	10.590393420	0.37	-1.40	3.19	0.27	0.27	0.45	4350000	4550000
64.046709710	11.608060820	0.26	-1.30	4.59	0.27	0.28	0.46	4400000	4550000
64.033069850	12.625028220	0.26	-1.18	5.56	0.36	0.36	0.60	4450000	4550000
64.012884510	13.640854940	0.29	-1.13	6.39	0.38	0.38	0.64	4500000	4550000
63.986167750	14.655103730	0.32	-1.05	7.16	0.36	0.36	0.62	4550000	4550000
63.952938120	15.667342010	0.30	-0.90	7.77	0.37	0.37	0.63	4600000	4550000
63.913218590	16.677143170	0.23	-0.71	8.28	0.39	0.38	0.66	4650000	4550000
63.867036440	17.684087740	0.15	-0.50	8.74	0.38	0.38	0.65	4700000	4550000
63.814423180	18.687764560	0.00	-0.31	9.10	0.34	0.34	0.57	4750000	4550000
63.755414450	19.687771890	-0.19	-0.20	9.23	0.25	0.25	0.42	4800000	4550000
63.690049850	20.683718410	-0.28	-0.07	9.10	0.24	0.24	0.40	4850000	4550000
63.618372840	21.675224210	-0.39	0.07	8.78	0.33	0.33	0.57	4900000	4550000
63.540430560	22.661921660	-0.49	0.25	8.33	0.35	0.33	0.61	4950000	4550000
63.456273680	23.643456230	-0.53	0.47	7.77	0.36	0.35	0.64	5000000	4550000
63.365956220	24.619487170	-0.62	0.63	7.00	0.35	0.34	0.62	5050000	4550000
63.269535380	25.589688190	-0.77	0.70	6.11	0.34	0.33	0.58	5100000	4550000
63.167071370	26.553747990	-0.86	0.73	5.62	0.35	0.33	0.61	5150000	4550000
63.058627180	27.511370700	-0.88	0.77	5.24	0.37	0.34	0.66	5200000	4550000
62.944268410	28.462276280	-0.86	0.77	4.68	0.39	0.37	0.68	5250000	4550000
62.824063070	29.406200780	-0.83	0.74	4.02	0.36	0.35	0.62	5300000	4550000
62.698081410	30.342896560	-0.81	0.68	3.29	0.32	0.31	0.54	5350000	4550000
62.566395640	31.272132420	-0.82	0.62	2.49	0.38	0.36	0.66	5400000	4550000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
62.429079840	32.193693590	-0.86	0.57	1.56	0.42	0.41	0.77	5450000	4550000
62.286209680	33.107381780	-0.89	0.50	0.64	0.44	0.44	0.83	5500000	4550000
62.530065220	-8.042930322	0.01	-0.01	-0.76	0.45	0.45	0.88	3400000	4500000
62.641664170	-7.103394650	0.01	-0.01	-0.74	0.45	0.45	0.88	3450000	4500000
62.747419130	-6.157502502	0.01	-0.01	-0.72	0.45	0.45	0.88	3500000	4500000
63.566179700	6.575254007	0.46	-1.19	0.27	0.37	0.37	0.67	4150000	4500000
63.584988420	7.575653542	0.38	-1.24	1.04	0.26	0.27	0.51	4200000	4500000
63.597362520	8.577067797	0.44	-1.22	1.73	0.26	0.27	0.48	4250000	4500000
63.603293670	9.579078573	0.37	-1.35	2.79	0.26	0.27	0.47	4300000	4500000
63.602777870	10.581265940	0.32	-1.37	3.97	0.28	0.28	0.48	4350000	4500000
63.595815470	11.583209460	0.17	-1.10	5.07	0.31	0.31	0.51	4400000	4500000
63.582411160	12.584489400	0.08	-0.96	5.97	0.33	0.33	0.54	4450000	4500000
63.562573960	13.584687950	0.13	-1.04	6.75	0.35	0.35	0.58	4500000	4500000
63.536317190	14.583390420	0.21	-1.04	7.58	0.25	0.25	0.40	4550000	4500000
63.503658410	15.580186420	0.20	-0.88	8.11	0.33	0.33	0.55	4600000	4500000
63.464619380	16.574671000	0.13	-0.66	8.49	0.38	0.38	0.65	4650000	4500000
63.419225930	17.566445790	0.05	-0.38	8.82	0.36	0.36	0.62	4700000	4500000
63.367507940	18.555120020	-0.09	-0.09	9.08	0.27	0.26	0.49	4750000	4500000
63.309499170	19.540311560	-0.31	-0.03	9.09	0.29	0.28	0.49	4800000	4500000
63.245237190	20.521647880	-0.43	0.05	8.86	0.33	0.33	0.55	4850000	4500000
63.174763200	21.498766900	-0.52	0.21	8.48	0.29	0.29	0.47	4900000	4500000
63.098121950	22.471317870	-0.60	0.37	8.07	0.32	0.32	0.54	4950000	4500000
63.015361550	23.438962070	-0.65	0.53	7.49	0.35	0.33	0.61	5000000	4500000
62.926533300	24.401373530	-0.75	0.62	6.69	0.33	0.32	0.58	5050000	4500000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
62.8316915 90	25.358 239560	-0.97	0.59	5.73	0.25	0.25	0.41	510000 0	450000 0
62.7308936 40	26.309 261360	-0.99	0.66	5.23	0.31	0.30	0.52	515000 0	450000 0
62.6241994 10	27.254 154380	-0.94	0.74	4.87	0.37	0.35	0.64	520000 0	450000 0
62.5116713 50	28.192 648740	-0.91	0.75	4.30	0.37	0.35	0.65	525000 0	450000 0
62.3933742 60	29.124 489480	-0.89	0.70	3.60	0.35	0.34	0.59	530000 0	450000 0
62.2693751 00	30.049 436790	-0.89	0.67	2.80	0.23	0.23	0.37	535000 0	450000 0
62.1397427 80	30.967 266130	-0.88	0.61	2.10	0.37	0.37	0.64	540000 0	450000 0
62.0045480 20	31.877 768290	-0.87	0.55	1.27	0.42	0.42	0.76	545000 0	450000 0
61.8638631 10	32.780 749420	-0.89	0.48	0.43	0.44	0.44	0.82	550000 0	450000 0
61.9811811 00	-8.7049 18319	0.01	-0.01	-0.77	0.45	0.45	0.88	335000 0	445000 0
62.0967226 60	-7.7838 18110	0.01	-0.01	-0.75	0.45	0.45	0.88	340000 0	445000 0
62.2065609 80	-6.8564 10874	0.01	-0.01	-0.73	0.45	0.45	0.88	345000 0	445000 0
62.3106346 40	-5.9229 45078	0.01	-0.01	-0.71	0.45	0.45	0.88	350000 0	445000 0
63.0911344 80	5.6431 40223	0.50	-1.09	0.04	0.38	0.38	0.68	410000 0	445000 0
63.1159384 90	6.6270 79644	0.35	-1.18	0.77	0.31	0.31	0.57	415000 0	445000 0
63.1344286 00	7.6123 76043	0.20	-1.25	1.54	0.27	0.27	0.50	420000 0	445000 0
63.1465928 60	8.5986 35263	0.21	-1.26	2.43	0.25	0.26	0.48	425000 0	445000 0
63.1524233 50	9.5854 60457	0.31	-1.33	3.40	0.29	0.29	0.51	430000 0	445000 0
63.1519163 10	10.572 453200	0.30	-1.31	4.38	0.28	0.27	0.46	435000 0	445000 0
63.1450720 50	11.559 214580	0.11	-0.98	5.33	0.29	0.28	0.47	440000 0	445000 0
63.1318950 20	12.545 346360	-0.02	-0.86	6.14	0.29	0.29	0.49	445000 0	445000 0
63.1123937 70	13.530 452050	-0.03	-1.04	6.84	0.28	0.28	0.46	450000 0	445000 0
63.0865809 20	14.514 138010	0.01	-1.03	7.58	0.28	0.28	0.46	455000 0	445000 0
63.0544731 20	15.496 014570	0.05	-0.86	8.15	0.35	0.35	0.59	460000 0	445000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
63.016090970	16.475697050	0.02	-0.63	8.51	0.38	0.38	0.64	4650000	4450000
62.971458990	17.452806790	-0.02	-0.35	8.67	0.30	0.30	0.50	4700000	4450000
62.920605500	18.426972120	-0.14	-0.10	8.79	0.28	0.27	0.47	4750000	4450000
62.863562530	19.397829330	-0.34	0.02	8.80	0.36	0.36	0.62	4800000	4450000
62.800365730	20.365023510	-0.50	0.12	8.53	0.37	0.37	0.63	4850000	4450000
62.731054220	21.328209390	-0.61	0.26	8.13	0.31	0.31	0.52	4900000	4450000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
62.6840060	7.647854660	0.23	-1.16	1.81	0.24	0.25	0.46	4200000	4400000
62.6959676	8.619471549	0.24	-1.20	2.60	0.29	0.29	0.51	4250000	4400000
62.7017010	9.591625893	0.28	-1.24	3.57	0.34	0.35	0.58	4300000	4400000
62.7012024	10.563939330	0.21	-1.21	4.54	0.35	0.36	0.60	4350000	4400000
62.6944722	11.536033090	0.13	-1.08	5.38	0.35	0.35	0.59	4400000	4400000
62.6815146	12.507528950	0.07	-1.02	6.11	0.34	0.34	0.56	4450000	4400000
62.6623377	13.478050360	0.03	-1.04	6.79	0.28	0.28	0.46	4500000	4400000
62.6369535	14.447223370	-0.02	-0.98	7.48	0.32	0.32	0.53	4550000	4400000
62.6053778	15.414677660	-0.06	-0.82	8.02	0.37	0.37	0.62	4600000	4400000
62.5676301	16.380047500	-0.09	-0.63	8.42	0.37	0.37	0.63	4650000	4400000
62.5237337	17.342972700	-0.15	-0.44	8.64	0.30	0.30	0.50	4700000	4400000
62.4737154	18.303099520	-0.26	-0.22	8.67	0.31	0.31	0.52	4750000	4400000
62.4176058	19.260081500	-0.42	-0.03	8.50	0.38	0.38	0.66	4800000	4400000
62.3554385	20.213580330	-0.57	0.13	8.15	0.39	0.38	0.67	4850000	4400000
62.2872509	21.163266560	-0.71	0.25	7.64	0.32	0.30	0.58	4900000	4400000
62.2130832	22.108820350	-0.77	0.46	7.20	0.35	0.34	0.61	4950000	4400000
62.1329790	23.049932120	-0.82	0.68	6.71	0.35	0.34	0.62	5000000	4400000
62.0469846	23.986303120	-0.88	0.79	6.24	0.32	0.31	0.56	5050000	4400000
61.9551492	24.917646010	-0.90	0.75	5.67	0.33	0.32	0.58	5100000	4400000
61.8575248	25.843685260	-0.89	0.74	5.01	0.35	0.34	0.60	5150000	4400000
61.7541656	26.764157630	-0.85	0.76	4.41	0.29	0.29	0.49	5200000	4400000
61.6451285	27.678812470	-0.87	0.70	3.79	0.30	0.30	0.51	5250000	4400000
61.5304722	28.587412000	-0.93	0.59	3.10	0.34	0.31	0.60	5300000	4400000
61.4102578	29.489731520	-0.94	0.54	2.35	0.36	0.34	0.64	5350000	4400000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
61.28454820	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
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



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
61.3993776	20.849172900	-0.78	0.33	6.79	0.33	0.33	0.56	4900000	4300000
61.3275253	21.769335980	-0.85	0.47	6.22	0.26	0.25	0.42	4950000	4300000
61.2499086	22.685466230	-0.88	0.59	5.75	0.35	0.35	0.60	5000000	4300000
61.1665697	23.597289440	-0.91	0.64	5.20	0.34	0.33	0.58	5050000	4300000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
61.312851600	13.330974860	0.03	-0.97	6.57	0.30	0.30	0.50	4500000	4250000
61.288669090	14.259392460	-0.07	-0.81	7.08	0.23	0.24	0.39	4550000	4250000
61.258585280	15.186329970	-0.21	-0.65	7.40	0.35	0.35	0.58	4600000	4250000
61.222616960	16.111471670	-0.33	-0.49	7.57	0.38	0.38	0.64	4650000	4250000
61.180784080	17.034506200	-0.42	-0.33	7.61	0.37	0.37	0.63	4700000	4250000
61.133109720	17.955127240	-0.52	-0.18	7.48	0.37	0.38	0.65	4750000	4250000
61.020344140	19.787932960	-0.73	0.18	6.90	0.39	0.39	0.67	4850000	4250000
60.955314050	20.699536250	-0.82	0.35	6.38	0.35	0.35	0.58	4900000	4250000
60.884564560	21.607564520	-0.88	0.48	5.80	0.31	0.31	0.51	4950000	4250000
60.808133200	22.511746270	-0.89	0.57	5.25	0.32	0.32	0.54	5000000	4250000
60.726060040	23.411818650	-0.90	0.59	4.61	0.30	0.28	0.53	5050000	4250000
60.638387680	24.307527830	-0.94	0.58	4.06	0.32	0.31	0.56	5100000	4250000
60.545161040	25.198629460	-0.97	0.55	3.50	0.32	0.31	0.57	5150000	4250000
60.446427310	26.084889010	-1.01	0.59	3.00	0.31	0.29	0.57	5200000	4250000
60.342235780	26.966082040	-0.95	0.59	2.56	0.31	0.30	0.53	5250000	4250000
60.232637740	27.841994510	-0.89	0.55	2.05	0.32	0.32	0.53	5300000	4250000
60.117686340	28.712422940	-0.81	0.48	1.48	0.35	0.35	0.59	5350000	4250000
59.997436450	29.577174630	-0.75	0.46	1.08	0.33	0.33	0.54	5400000	4250000
60.298666640	-3.090103745	0.18	-0.06	-0.57	0.42	0.42	0.77	3600000	4200000
60.378625430	-2.200807344	0.20	-0.04	-0.51	0.39	0.39	0.68	3650000	4200000
60.453014440	-1.307627421	0.21	-0.02	-0.47	0.33	0.33	0.56	3700000	4200000
60.521795830	-0.410817382	0.15	-0.01	-0.43	0.38	0.38	0.68	3750000	4200000
60.780444070	4.118288326	0.15	-0.93	0.58	0.38	0.38	0.67	4000000	4200000
60.814931420	5.031149002	0.00	-0.95	1.14	0.27	0.25	0.47	4050000	4200000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
59.799174050	27.608210420	-0.76	0.43	1.74	0.32	0.32	0.53	5300000	4200000
59.685875350	28.468523750	-0.75	0.34	1.21	0.31	0.31	0.53	5350000	4200000
59.567341160	29.323402820	-0.70	0.33	0.85	0.35	0.35	0.59	5400000	4200000
59.488328230	-6.388460991	0.22	-0.12	-0.87	0.43	0.43	0.80	3400000	4150000
59.588677010	-5.527405493	0.22	-0.13	-0.79	0.43	0.43	0.80	3450000	4150000
59.773349300	-3.791701237	0.25	-0.13	-0.59	0.42	0.42	0.76	3550000	4150000
59.857585390	-2.917481246	0.26	-0.10	-0.51	0.40	0.41	0.72	3600000	4150000
59.936366590	-2.039316134	0.27	-0.07	-0.46	0.36	0.36	0.62	3650000	4150000
60.009654480	-1.157441225	0.29	-0.03	-0.42	0.23	0.23	0.38	3700000	4150000
60.077412940	-0.272099601	0.19	-0.02	-0.40	0.37	0.37	0.64	3750000	4150000
60.332172600	4.197612195	0.15	-0.96	0.78	0.37	0.37	0.65	4000000	4150000
60.366136400	5.098270277	0.13	-1.07	1.61	0.22	0.22	0.37	4050000	4150000
60.394389780	6.000514582	0.00	-0.98	1.92	0.32	0.31	0.52	4100000	4150000
60.416918010	6.904057344	-0.08	-0.82	2.30	0.28	0.28	0.46	4150000	4150000
60.433709290	7.808607828	-0.15	-0.97	2.79	0.26	0.26	0.43	4200000	4150000
60.444754820	8.713872984	-0.20	-1.28	3.41	0.24	0.23	0.41	4250000	4150000
60.450048790	9.619558114	-0.16	-1.14	4.07	0.32	0.31	0.53	4300000	4150000
60.449588410	10.525367550	-0.15	-1.05	4.66	0.28	0.28	0.49	4350000	4150000
60.443373930	11.431005340	-0.35	-0.94	5.22	0.28	0.27	0.49	4400000	4150000
60.431408610	12.336175910	-0.64	-0.77	5.88	0.25	0.25	0.44	4450000	4150000
60.413698740	13.240584800	-0.64	-0.65	6.28	0.30	0.30	0.51	4500000	4150000
60.390253620	14.143939280	-0.50	-0.61	6.48	0.34	0.34	0.58	4550000	4150000
60.361085510	15.045949040	-0.46	-0.50	6.56	0.34	0.34	0.56	4600000	4150000
60.326209600	15.946326850	-0.50	-0.38	6.49	0.36	0.36	0.62	4650000	4150000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
60.28564400	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
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
59.481910810	22.021671460	-0.80	0.37	3.53	0.37	0.37	0.65	5000000	4100000
59.403408210	22.888423920	-0.79	0.37	2.86	0.34	0.34	0.59	5050000	4100000
59.319529470	23.751368850	-0.86	0.27	2.45	0.30	0.30	0.50	5100000	4100000
59.230313720	24.610289010	-0.86	0.15	2.23	0.22	0.22	0.36	5150000	4100000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
59.135802120	25.464975060	-0.77	0.28	2.02	0.23	0.23	0.38	5200000	4100000
59.036037700	26.315225870	-0.78	0.37	1.51	0.24	0.23	0.39	5250000	4100000
58.931065310	27.160848690	-0.81	0.34	1.15	0.22	0.22	0.38	5300000	4100000
58.820931510	28.001659440	-0.72	0.22	0.65	0.33	0.32	0.55	5350000	4100000
58.705684430	28.837482800	-0.65	0.14	0.14	0.39	0.39	0.68	5400000	4100000
58.585373690	29.668152350	-0.62	0.09	-0.35	0.42	0.42	0.75	5450000	4100000
58.174802680	-9.295309108	0.19	-0.06	-0.93	0.43	0.44	0.82	3200000	4050000
58.292683360	-8.472823206	0.30	-0.09	-0.99	0.42	0.42	0.77	3250000	4050000
58.405549860	-7.645419663	0.43	-0.13	-1.05	0.39	0.40	0.70	3300000	4050000
58.513354840	-6.813261311	0.56	-0.21	-1.12	0.32	0.33	0.58	3350000	4050000
58.616052430	-5.976519315	0.51	-0.29	-1.02	0.31	0.31	0.58	3400000	4050000
58.713598300	-5.135373035	0.44	-0.26	-0.77	0.38	0.38	0.67	3450000	4050000
58.805949790	-4.290009868	0.43	-0.30	-0.60	0.35	0.35	0.62	3500000	4050000
58.893066010	-3.440625045	0.49	-0.31	-0.44	0.28	0.29	0.50	3550000	4050000
58.974907910	-2.587421403	0.49	-0.23	-0.32	0.26	0.29	0.47	3600000	4050000
59.051438380	-1.730609122	0.32	-0.13	-0.35	0.39	0.39	0.68	3650000	4050000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
59.5497181	10.511580420	-0.42	-1.00	3.78	0.28	0.28	0.47	4350000	4050000
59.5436875	11.393462350	-0.49	-0.97	4.40	0.34	0.34	0.58	4400000	4050000
59.5320760	12.274918810	-0.60	-0.86	4.97	0.35	0.35	0.60	4450000	4050000
59.5148894	13.155681560	-0.63	-0.74	5.42	0.27	0.27	0.44	4500000	4050000
59.4921360	14.035483880	-0.62	-0.60	5.56	0.31	0.31	0.51	4550000	4050000
59.4638270	14.914061110	-0.63	-0.46	5.45	0.39	0.39	0.67	4600000	4050000
59.4299763	15.791151230	-0.67	-0.33	5.33	0.39	0.39	0.68	4650000	4050000
59.3906002	16.666495430	-0.70	-0.19	5.16	0.36	0.36	0.61	4700000	4050000
59.3457178	17.539838600	-0.75	-0.07	4.91	0.25	0.25	0.44	4750000	4050000
59.2953507	18.410929840	-0.68	0.02	4.53	0.25	0.25	0.48	4800000	4050000
59.2395229	19.279523000	-0.76	0.13	4.33	0.38	0.38	0.66	4850000	4050000
59.1782609	20.145377090	-0.81	0.20	4.02	0.40	0.40	0.71	4900000	4050000
59.0395519	21.867932720	-0.73	0.28	3.02	0.35	0.35	0.62	5000000	4050000
58.9621691	22.724182030	-0.64	0.34	2.22	0.21	0.20	0.40	5050000	4050000
58.8794808	23.576788600	-0.90	0.42	2.06	0.25	0.25	0.42	5100000	4050000
58.7915243	24.425543400	-0.91	0.27	1.96	0.24	0.23	0.39	5150000	4050000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
57.9718080 50	-7.4295 91510	0.56	-0.14	-1.03	0.35	0.36	0.61	330000 0	400000 0
58.0781487 60	-6.6066 42147	0.79	-0.16	-1.04	0.25	0.27	0.44	335000 0	400000 0
58.1794423 20	-5.7792 98220	0.68	-0.23	-0.82	0.31	0.32	0.53	340000 0	400000 0
58.2756462 70	-4.9477 33172	0.51	-0.26	-0.56	0.37	0.37	0.63	345000 0	400000 0
58.3667197 60	-4.1121 27961	0.46	-0.31	-0.44	0.32	0.32	0.57	350000 0	400000 0
58.4526236 40	-3.2726 70869	0.46	-0.30	-0.34	0.30	0.31	0.54	355000 0	400000 0
58.5333205 40	-2.4295 57288	0.40	-0.20	-0.27	0.36	0.36	0.62	360000 0	400000 0
58.6087749 80	-1.5829 89461	0.29	-0.12	-0.31	0.40	0.41	0.72	365000 0	400000 0
58.9876176 90	4.4214 19228	-0.01	-0.74	0.35	0.37	0.37	0.66	400000 0	400000 0
59.0201062 00	5.2876 23389	-0.15	-0.72	0.63	0.25	0.25	0.44	405000 0	400000 0
59.0471299 40	6.1552 08611	-0.25	-0.75	1.10	0.28	0.28	0.48	410000 0	400000 0
59.0686761 20	7.0239 23987	-0.34	-0.80	1.62	0.32	0.31	0.54	415000 0	400000 0
59.0847345 40	7.8935 16240	-0.41	-0.79	2.06	0.30	0.29	0.50	420000 0	400000 0
59.0952975 60	8.7637 30253	-0.46	-0.76	2.51	0.25	0.25	0.45	425000 0	400000 0
59.1003601 50	9.6343 09592	-0.48	-0.87	2.99	0.26	0.26	0.45	430000 0	400000 0
59.0999198 90	10.504 997060	-0.47	-1.00	3.31	0.22	0.22	0.40	435000 0	400000 0
59.0939770 00	11.375 535210	-0.50	-1.00	3.86	0.28	0.28	0.50	440000 0	400000 0
59.0825343 20	12.245 666950	-0.61	-0.94	4.30	0.33	0.33	0.56	445000 0	400000 0
59.0655972 80	13.115 136010	-0.64	-0.78	4.67	0.34	0.34	0.56	450000 0	400000 0
59.0431739 30	13.983 687520	-0.66	-0.62	4.84	0.36	0.36	0.60	455000 0	400000 0
59.0152749 10	14.851 068570	-0.68	-0.47	4.81	0.39	0.39	0.66	460000 0	400000 0
58.9819133 80	15.717 028660	-0.70	-0.34	4.69	0.36	0.36	0.61	465000 0	400000 0
58.9431050 40	16.581 320270	-0.70	-0.19	4.52	0.30	0.30	0.53	470000 0	400000 0
58.8988680 60	17.443 699340	-0.68	-0.06	4.26	0.28	0.28	0.52	475000 0	400000 0

#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	east in g	north i ng
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
57.7250972	29.191390650	-0.56	-0.03	-0.74	0.42	0.41	0.75	5450000	4000000
57.6031031	29.999400790	-0.56	-0.10	-1.15	0.43	0.43	0.81	5500000	4000000
57.3130567	-8.834366644	0.25	-0.10	-0.98	0.40	0.41	0.73	3200000	3950000
57.4278221	-8.029312563	0.42	-0.16	-1.02	0.33	0.34	0.57	3250000	3950000
57.5376849	-7.219729464	0.61	-0.18	-0.95	0.22	0.24	0.40	3300000	3950000
57.6426016	-6.405770544	0.62	-0.21	-0.65	0.32	0.33	0.55	3350000	3950000
57.7425302	-5.587596328	0.60	-0.23	-0.30	0.31	0.32	0.53	3400000	3950000
57.8374298	-4.765374539	0.50	-0.23	-0.18	0.33	0.34	0.56	3450000	3950000
57.9272614	-3.939279943	0.44	-0.23	-0.14	0.33	0.33	0.56	3500000	3950000
58.0119875	-3.109494157	0.41	-0.18	-0.09	0.32	0.33	0.55	3550000	3950000
58.0915722	-2.276205445	0.33	-0.12	-0.17	0.37	0.37	0.64	3600000	3950000
58.1659817	-1.439608471	0.24	-0.08	-0.27	0.41	0.41	0.74	3650000	3950000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
58.644345460	11.358138250	-0.34	-0.92	3.49	0.26	0.27	0.45	4400000	3950000
58.633066450	12.217279560	-0.57	-0.96	3.65	0.24	0.25	0.42	4450000	3950000
58.616371470	13.075787440	-0.63	-0.79	3.89	0.36	0.36	0.61	4500000	3950000
58.594268200	13.933418200	-0.67	-0.63	4.08	0.38	0.38	0.65	4550000	3950000
58.566766770	14.789929970	-0.70	-0.48	4.13	0.38	0.38	0.66	4600000	3950000
58.533879780	15.645083150	-0.72	-0.36	4.03	0.32	0.32	0.54	4650000	3950000
58.495622200	16.498640890	-0.71	-0.23	3.84	0.24	0.24	0.41	4700000	3950000
58.452011370	17.350369540	-0.64	-0.08	3.58	0.31	0.31	0.56	4750000	3950000
58.403066980	18.200039110	-0.69	-0.04	3.32	0.37	0.37	0.64	4800000	3950000
58.348810960	19.047423700	-0.75	-0.01	3.09	0.39	0.39	0.69	4850000	3950000
58.289267460	19.892301880	-0.79	0.03	2.89	0.41	0.41	0.72	4900000	3950000
58.154425380	21.573678100	-0.83	0.10	2.54	0.34	0.34	0.58	5000000	3950000
58.079185630	22.409759090	-0.86	0.21	2.27	0.28	0.28	0.46	5050000	3950000
57.998775930	23.242500250	-0.82	0.26	1.67	0.28	0.28	0.47	5100000	3950000
57.913230530	24.071707930	-0.59	0.12	1.10	0.26	0.26	0.44	5150000	3950000
57.822585480	24.897194900	-0.52	-0.01	0.70	0.27	0.27	0.48	5200000	3950000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
57.726878540	25.718780640	-0.67	-0.05	0.49	0.26	0.26	0.45	5250000	3950000
57.626149110	26.536291500	-0.70	-0.05	0.26	0.25	0.25	0.41	5300000	3950000
57.520438110	27.349560880	-0.60	0.06	-0.07	0.23	0.22	0.39	5350000	3950000
57.409787940	28.158429440	-0.57	0.00	-0.39	0.35	0.35	0.62	5400000	3950000
57.294242350	28.962745160	-0.55	-0.07	-0.78	0.41	0.41	0.74	5450000	3950000
57.173846370	29.762363470	-0.52	-0.14	-1.18	0.43	0.43	0.80	5500000	3950000
56.881500210	-8.613209857	0.21	-0.11	-1.00	0.39	0.40	0.70	3200000	3900000
56.994770230	-7.816579388	0.31	-0.18	-1.03	0.26	0.29	0.47	3250000	3900000
57.103191920	-7.015599655	0.37	-0.22	-0.89	0.28	0.29	0.47	3300000	3900000
57.206723520	-6.210419236	0.38	-0.25	-0.32	0.30	0.30	0.50	3350000	3900000
57.305324570	-5.401193584	0.45	-0.24	0.27	0.21	0.24	0.39	3400000	3900000
57.398956050	-4.588084908	0.42	-0.19	0.33	0.24	0.25	0.40	3450000	3900000
57.487580460	-3.771262013	0.41	-0.19	0.20	0.27	0.27	0.45	3500000	3900000
57.571161870	-2.950900123	0.39	-0.09	0.19	0.21	0.24	0.38	3550000	3900000
57.649666030	-2.127180680	0.28	-0.03	-0.08	0.33	0.34	0.58	3600000	3900000
57.723060420	-1.300291110	0.20	-0.04	-0.27	0.40	0.40	0.72	3650000	3900000
58.122992790	5.404705319	-0.09	-0.65	0.48	0.35	0.35	0.61	4050000	3900000
58.149257510	6.250847662	-0.23	-0.62	0.76	0.28	0.27	0.50	4100000	3900000
58.170197610	7.098023526	-0.34	-0.67	0.86	0.26	0.25	0.45	4150000	3900000
58.185803790	7.946001171	-0.36	-0.78	1.11	0.23	0.23	0.40	4200000	3900000
58.196069080	8.794547262	-0.42	-0.79	1.68	0.32	0.31	0.51	4250000	3900000
58.200988910	9.643427329	-0.37	-0.80	2.09	0.34	0.34	0.57	4300000	3900000
58.200561070	10.492406240	-0.27	-0.77	2.56	0.33	0.33	0.56	4350000	3900000
58.194785760	11.341248660	-0.18	-0.76	3.01	0.27	0.27	0.46	4400000	3900000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
58.1836655	12.189719530	-0.43	-0.84	2.97	0.28	0.29	0.49	4450000	3900000
58.1672054	13.037584530	-0.59	-0.76	3.11	0.31	0.32	0.54	4500000	3900000
58.1454126	13.884610560	-0.67	-0.61	3.39	0.34	0.34	0.57	4550000	3900000
58.1182970	14.730566160	-0.71	-0.47	3.46	0.36	0.36	0.61	4600000	3900000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
56.867833070	-5.219881339	0.24	-0.18	0.39	0.29	0.29	0.48	3400000	3850000
56.960231160	-4.415663156	0.30	-0.15	0.69	0.27	0.29	0.46	3450000	3850000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
57.268767150	21.295858200	-0.74	-0.12	1.46	0.34	0.34	0.58	5000000	3850000
57.195549870	22.112820200	-0.73	-0.01	1.05	0.28	0.28	0.47	5050000	3850000
57.117291530	22.926713630	-0.69	0.05	0.51	0.25	0.25	0.42	5100000	3850000
57.034023550	23.737358850	-0.56	-0.07	0.21	0.22	0.22	0.37	5150000	3850000
56.945779020	24.544581870	-0.43	-0.01	0.24	0.22	0.22	0.37	5200000	3850000
56.852592630	25.348214540	-0.54	-0.01	0.33	0.28	0.27	0.46	5250000	3850000
56.754500570	26.148094780	-0.64	-0.09	0.50	0.24	0.24	0.40	5300000	3850000
56.651540500	26.944066700	-0.62	-0.11	0.22	0.27	0.27	0.46	5350000	3850000
56.543751460	27.735980780	-0.54	-0.12	-0.18	0.29	0.29	0.50	5400000	3850000
56.431173760	28.523693990	-0.44	-0.16	-0.69	0.38	0.38	0.65	5450000	3850000
56.313848920	29.307069850	-0.38	-0.21	-1.10	0.41	0.41	0.72	5500000	3850000
56.127484170	-7.408017447	0.10	-0.03	-1.05	0.36	0.38	0.64	3250000	3800000
56.233137730	-6.623659848	0.04	0.02	-1.04	0.31	0.35	0.56	3300000	3800000
56.334009630	-5.835425973	0.12	0.00	-0.47	0.31	0.33	0.53	3350000	3800000
56.430062610	-5.043461625	0.18	-0.06	0.18	0.31	0.32	0.52	3400000	3800000
56.521260760	-4.247918560	0.20	-0.13	0.63	0.21	0.25	0.40	3450000	3800000
56.607569560	-3.448954338	0.29	-0.08	0.55	0.29	0.31	0.50	3500000	3800000
56.688956010	-2.646732165	0.30	0.00	0.24	0.29	0.32	0.53	3550000	3800000
56.765388620	-1.841420698	0.21	-0.03	-0.16	0.35	0.36	0.64	3600000	3800000
57.287116920	7.995510666	-0.36	-0.67	0.44	0.38	0.38	0.64	4200000	3800000
57.297101770	8.823616165	-0.37	-0.69	0.67	0.36	0.36	0.61	4250000	3800000
57.301887140	9.652027709	-0.37	-0.71	0.84	0.29	0.29	0.49	4300000	3800000
57.301470990	10.480529830	-0.40	-0.68	1.09	0.31	0.31	0.53	4350000	3800000
57.295853520	11.308906870	-0.45	-0.61	1.31	0.32	0.32	0.54	4400000	3800000



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



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
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
55.361719330	-6.252125673	0.26	-0.14	-0.30	0.34	0.35	0.58	3300000	3700000
55.460070140	-5.480064662	0.25	-0.04	-0.16	0.32	0.34	0.55	3350000	3700000
55.553708920	-4.704557454	0.23	0.00	0.16	0.30	0.32	0.52	3400000	3700000
55.642602540	-3.925746087	0.16	0.00	0.48	0.25	0.26	0.44	3450000	3700000
55.726719220	-3.143777727	0.16	-0.01	0.19	0.25	0.26	0.43	3500000	3700000
55.806028540	-2.358804509	0.24	-0.04	-0.26	0.28	0.31	0.52	3550000	3700000
55.880501550	-1.570983373	0.17	-0.03	-0.40	0.37	0.38	0.65	3600000	3700000
56.373840260	7.233971979	-0.32	-0.55	-0.41	0.37	0.37	0.65	4150000	3700000
56.388618500	8.042286233	-0.40	-0.62	-0.10	0.24	0.24	0.40	4200000	3700000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
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
55.868912020	21.697219530	-0.26	-0.17	-0.12	0.25	0.25	0.43	5050000	3700000
55.793663320	22.484595740	-0.32	-0.14	-0.40	0.26	0.26	0.43	5100000	3700000
55.713582830	23.269098600	-0.36	-0.27	-0.55	0.26	0.26	0.43	5150000	3700000
55.628699760	24.050571940	-0.19	-0.35	-0.69	0.27	0.27	0.45	5200000	3700000
55.539044740	24.828864400	-0.20	-0.26	-0.75	0.28	0.28	0.47	5250000	3700000
55.444649780	25.603829630	-0.31	-0.13	-0.92	0.23	0.23	0.39	5300000	3700000
55.345548200	26.375326410	-0.20	-0.18	-1.16	0.23	0.22	0.39	5350000	3700000
55.241774580	27.143218840	-0.10	-0.26	-1.32	0.27	0.27	0.47	5400000	3700000
55.133364670	27.907376380	-0.16	-0.32	-1.41	0.35	0.35	0.60	5450000	3700000
54.246745070	-10.582380470	0.13	-0.15	-0.59	0.42	0.42	0.76	3000000	3650000
54.371113680	-9.840618207	0.20	-0.21	-0.51	0.39	0.39	0.68	3050000	3650000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
54.491036410	-9.094824346	0.30	-0.20	-0.42	0.34	0.35	0.60	3100000	3650000
54.606475030	-8.345105231	0.46	-0.17	-0.36	0.24	0.28	0.46	3150000	3650000
54.717392240	-7.591572561	0.46	-0.21	-0.02	0.24	0.25	0.42	3200000	3650000
54.823751700	-6.834343349	0.33	-0.29	0.03	0.23	0.24	0.40	3250000	3650000
54.925518110	-6.073539855	0.24	-0.22	-0.13	0.29	0.29	0.48	3300000	3650000
55.022657250	-5.309289503	0.24	-0.09	-0.01	0.29	0.30	0.50	3350000	3650000
55.115136090	-4.541724784	0.22	-0.02	0.23	0.25	0.27	0.44	3400000	3650000
55.202922800	-3.770983142	0.11	0.01	0.39	0.29	0.30	0.49	3450000	3650000
55.285986860	-2.997206838	0.11	0.03	0.20	0.22	0.24	0.39	3500000	3650000
55.364299060	-2.220542809	0.18	-0.04	-0.36	0.27	0.28	0.46	3550000	3650000
55.437831600	-1.441142501	0.13	-0.03	-0.51	0.30	0.30	0.51	3600000	3650000
55.924836950	7.265644987	-0.27	-0.46	-0.82	0.39	0.39	0.68	4150000	3650000
55.939422650	8.064717166	-0.31	-0.51	-0.58	0.34	0.34	0.59	4200000	3650000
55.949016220	8.864248272	-0.30	-0.53	-0.33	0.33	0.33	0.55	4250000	3650000
55.953613960	9.664048966	-0.27	-0.53	-0.03	0.32	0.32	0.54	4300000	3650000
55.953214140	10.463929440	-0.30	-0.46	0.11	0.34	0.34	0.57	4350000	3650000
55.947816890	11.263699750	-0.35	-0.37	0.08	0.17	0.17	0.30	4400000	3650000
55.937424290	12.063170130	-0.40	-0.34	0.22	0.30	0.30	0.50	4450000	3650000
55.922040320	12.862151360	-0.49	-0.37	0.33	0.26	0.27	0.46	4500000	3650000
55.901670840	13.660455060	-0.56	-0.43	0.43	0.25	0.25	0.41	4550000	3650000
55.876323650	14.457894010	-0.56	-0.40	0.57	0.31	0.31	0.53	4600000	3650000
55.846008360	15.254282520	-0.56	-0.36	0.63	0.31	0.31	0.52	4650000	3650000
55.810736470	16.049436680	-0.52	-0.33	0.54	0.34	0.35	0.59	4700000	3650000
55.770521300	16.843174710	-0.42	-0.31	0.40	0.40	0.40	0.70	4750000	3650000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
55.560556170	20.000420460	-0.38	-0.29	-0.16	0.39	0.39	0.68	4950000	3650000
55.495885910	20.784445490	-0.37	-0.27	-0.19	0.31	0.31	0.55	5000000	3650000
55.426388690	21.566024060	-0.29	-0.13	-0.28	0.23	0.23	0.42	5050000	3650000
55.352089590	22.344996920	-0.33	-0.13	-0.60	0.31	0.31	0.51	5100000	3650000
55.273015190	23.121208970	-0.36	-0.18	-0.71	0.29	0.29	0.48	5150000	3650000
55.189193510	23.894509490	-0.28	-0.30	-0.84	0.24	0.24	0.40	5200000	3650000
55.100653970	24.664752260	-0.24	-0.28	-0.90	0.25	0.25	0.42	5250000	3650000
55.007427310	25.431795790	-0.27	-0.28	-1.02	0.28	0.28	0.47	5300000	3650000
54.909545560	26.195503410	-0.21	-0.32	-1.28	0.30	0.30	0.50	5350000	3650000
54.807041940	26.955743450	-0.16	-0.36	-1.53	0.32	0.32	0.55	5400000	3650000
54.699950840	27.712389300	-0.24	-0.40	-1.66	0.37	0.37	0.64	5450000	3650000
53.691020740	-11.096365070	0.10	-0.11	-0.63	0.43	0.43	0.80	2950000	3600000
53.818298410	-10.365391430	0.16	-0.20	-0.59	0.40	0.40	0.71	3000000	3600000
53.941210390	-9.630433574	0.25	-0.34	-0.48	0.29	0.29	0.49	3050000	3600000
54.059719050	-8.891590067	0.39	-0.33	-0.33	0.27	0.28	0.46	3100000	3600000
54.173787570	-8.148964572	0.57	-0.30	-0.14	0.23	0.26	0.43	3150000	3600000
54.283380020	-7.402665822	0.41	-0.31	0.01	0.27	0.28	0.46	3200000	3600000
54.388461440	-6.652807572	0.20	-0.32	0.03	0.25	0.26	0.42	3250000	3600000
54.488997860	-5.899508527	0.18	-0.24	-0.16	0.22	0.23	0.39	3300000	3600000
54.584956370	-5.142892261	0.16	-0.11	-0.03	0.31	0.31	0.53	3350000	3600000
54.676305200	-4.383087125	0.10	-0.05	0.16	0.29	0.30	0.52	3400000	3600000
54.763013780	-3.620226133	0.02	-0.04	0.20	0.29	0.31	0.52	3450000	3600000
54.845052760	-2.854446833	0.04	0.02	-0.08	0.24	0.26	0.42	3500000	3600000
54.922394090	-2.085891171	0.09	0.01	-0.50	0.26	0.27	0.44	3550000	3600000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
54.5699119 60	25.264 168550	-0.33	-0.47	-1.35	0.21	0.21	0.36	530000 0	360000 0
54.4732188 20	26.020 262560	-0.03	-0.14	-0.59	0.32	0.32	0.54	535000 0	360000 0
54.3719529 70	26.773 019260	-0.01	-0.11	-0.54	0.36	0.36	0.61	540000 0	360000 0
53.2635241 10	-10.878 133020	0.11	-0.11	-0.63	0.43	0.43	0.79	295000 0	355000 0
53.3893397 70	-10.153 688760	0.19	-0.18	-0.66	0.39	0.39	0.68	300000 0	355000 0
53.5108302 40	-9.4254 02053	0.33	-0.29	-0.69	0.29	0.30	0.49	305000 0	355000 0
53.6279592 40	-8.6933 69109	0.48	-0.34	-0.51	0.30	0.31	0.50	310000 0	355000 0
53.7406912 90	-7.9576 90964	0.62	-0.39	-0.24	0.27	0.30	0.50	315000 0	355000 0
53.8489918 00	-7.2184 73453	0.41	-0.37	-0.22	0.26	0.28	0.46	320000 0	355000 0
53.9528271 00	-6.4758 27152	0.17	-0.26	-0.25	0.29	0.30	0.49	325000 0	355000 0
54.0521644 80	-5.7298 67314	0.12	-0.16	-0.29	0.32	0.33	0.56	330000 0	355000 0
54.1469723 00	-4.9807 13788	0.12	-0.08	-0.20	0.31	0.32	0.56	335000 0	355000 0
54.2372200 10	-4.2284 90924	0.06	-0.07	-0.07	0.28	0.29	0.55	340000 0	355000 0
54.3228781 90	-3.4733 27466	-0.02	-0.07	-0.08	0.29	0.32	0.54	345000 0	355000 0
54.4039186 30	-2.7153 56432	0.00	0.02	-0.38	0.30	0.31	0.52	350000 0	355000 0
54.4803144 00	-1.9547 14974	0.05	0.07	-0.67	0.24	0.26	0.42	355000 0	355000 0
54.5520398 40	-1.1915 44229	0.07	0.04	-0.74	0.31	0.32	0.53	360000 0	355000 0
54.6190706 80	-0.4259 89160	0.04	0.03	-0.81	0.38	0.38	0.66	365000 0	355000 0
54.6813840 10	0.3418 01629	0.01	0.03	-0.87	0.41	0.42	0.75	370000 0	355000 0
55.0411030 80	8.1077 89552	-0.08	-0.47	-1.47	0.27	0.28	0.53	420000 0	355000 0
55.0504535 60	8.8895 35731	-0.15	-0.60	-1.31	0.26	0.26	0.47	425000 0	355000 0
55.0549347 60	9.6715 30282	-0.20	-0.49	-0.64	0.26	0.26	0.46	430000 0	355000 0
55.0545450 70	10.453 598330	-0.23	-0.38	-0.25	0.31	0.31	0.53	435000 0	355000 0
55.0492846 30	11.235 564890	-0.28	-0.36	-0.28	0.35	0.35	0.59	440000 0	355000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
55.0391553 30	12.017 255120	-0.32	-0.34	-0.38	0.34	0.34	0.58	445000 0	355000 0
55.0241608 40	12.798 494670	-0.36	-0.34	-0.49	0.32	0.32	0.56	450000 0	355000 0
55.0043065 50	13.579 109910	-0.38	-0.36	-0.44	0.31	0.31	0.55	455000 0	355000 0
54.9795995 90	14.358 928240	-0.37	-0.42	-0.24	0.31	0.31	0.54	460000 0	355000 0
54.9500488 30	15.137 778390	-0.36	-0.47	-0.11	0.33	0.33	0.58	465000 0	355000 0
54.9156648 30	15.915 490660	-0.34	-0.51	-0.19	0.37	0.37	0.64	470000 0	355000 0
54.8764598 20	16.691 897220	-0.22	-0.50	-0.29	0.36	0.35	0.63	475000 0	355000 0
54.8324477 00	17.466 832340	0.04	-0.40	-0.36	0.28	0.27	0.54	480000 0	355000 0
54.7836439 80	18.240 132680	-0.01	-0.16	-0.56	0.20	0.19	0.44	485000 0	355000 0
54.7300657 90	19.011 637490	-0.28	-0.29	-0.94	0.29	0.29	0.54	490000 0	355000 0
54.6717317 90	19.781 188910	-0.40	-0.53	-1.20	0.33	0.33	0.61	495000 0	355000 0
54.6086621 80	20.548 632120	-0.39	-0.53	-1.22	0.35	0.34	0.62	500000 0	355000 0
54.5408786 40	21.313 815590	-0.32	-0.42	-1.15	0.34	0.33	0.60	505000 0	355000 0
54.4684042 70	22.076 591290	-0.02	-0.03	-0.26	0.32	0.32	0.56	510000 0	355000 0
54.3912636 00	22.836 814860	-0.08	-0.08	-0.44	0.24	0.24	0.43	515000 0	355000 0
54.3094824 70	23.594 345800	-0.15	-0.27	-0.80	0.26	0.26	0.44	520000 0	355000 0
54.2230880 40	24.349 047590	-0.15	-0.28	-1.01	0.24	0.24	0.40	525000 0	355000 0
54.1321087 10	25.100 787900	-0.20	-0.26	-1.02	0.24	0.24	0.41	530000 0	355000 0
54.0365740 80	25.849 438670	-0.17	-0.21	-0.88	0.31	0.31	0.52	535000 0	355000 0
53.9365148 70	26.594 876280	-0.13	-0.16	-0.70	0.36	0.36	0.61	540000 0	355000 0
52.8354928 00	-10.665 131900	0.10	-0.09	-0.59	0.43	0.43	0.79	295000 0	350000 0
52.9598810 80	-9.9470 92905	0.17	-0.14	-0.64	0.39	0.39	0.69	300000 0	350000 0
53.0799840 20	-9.2253 47028	0.29	-0.17	-0.79	0.28	0.30	0.50	305000 0	350000 0
53.1957666 40	-8.4999 88150	0.34	-0.22	-0.66	0.31	0.32	0.53	310000 0	350000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
54.601199380	8.901680825	-0.13	-0.69	-1.64	0.26	0.26	0.48	4250000	3500000
54.605624670	9.675123382	-0.21	-0.53	-1.12	0.28	0.28	0.49	4300000	3500000
54.605239850	10.448636540	-0.23	-0.38	-0.69	0.28	0.28	0.50	4350000	3500000
54.600045030	11.222052210	-0.26	-0.36	-0.59	0.26	0.26	0.47	4400000	3500000
54.590042060	11.995202450	-0.33	-0.42	-0.81	0.23	0.23	0.43	4450000	3500000
54.575234430	12.767919780	-0.36	-0.40	-1.06	0.29	0.29	0.52	4500000	3500000
54.555627320	13.540037380	-0.38	-0.37	-1.05	0.21	0.21	0.44	4550000	3500000
54.531227580	14.311389420	-0.42	-0.47	-0.81	0.32	0.32	0.56	4600000	3500000
54.502043700	15.081811300	-0.43	-0.57	-0.61	0.34	0.34	0.61	4650000	3500000
54.468085820	15.851139880	0.01	-0.34	-0.01	0.32	0.31	0.58	4700000	3500000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
54.429365670	16.619213800	0.09	-0.33	-0.11	0.29	0.29	0.53	4750000	3500000
54.385896600	17.385873650	0.14	-0.27	-0.27	0.24	0.24	0.46	4800000	3500000
54.337693490	18.150962260	-0.01	-0.14	-0.48	0.23	0.23	0.43	4850000	3500000
54.284772770	18.914324920	-0.10	-0.20	-0.71	0.25	0.24	0.45	4900000	3500000
54.227152370	19.675809590	-0.14	-0.37	-0.86	0.26	0.26	0.50	4950000	3500000
54.164851680	20.435267110	-0.11	-0.36	-0.76	0.27	0.26	0.51	5000000	3500000
54.097891520	21.192551410	-0.05	-0.19	-0.54	0.26	0.25	0.50	5050000	3500000
54.026294100	21.947519710	-0.07	-0.15	-0.55	0.27	0.26	0.50	5100000	3500000
53.950082960	22.700032670	-0.17	-0.34	-0.80	0.26	0.26	0.47	5150000	3500000
53.869282950	23.449954580	-0.21	-0.42	-1.00	0.28	0.28	0.49	5200000	3500000
53.783920190	24.197153510	-0.21	-0.35	-1.08	0.32	0.32	0.54	5250000	3500000
53.694021970	24.941501420	-0.23	-0.27	-1.09	0.31	0.31	0.52	5300000	3500000
53.599616770	25.682874350	-0.20	-0.21	-0.97	0.34	0.34	0.59	5350000	3500000
52.279732870	-11.165278250	0.05	-0.05	-0.53	0.44	0.44	0.83	2900000	3450000
52.406938960	-10.457187440	0.08	-0.08	-0.48	0.43	0.43	0.79	2950000	3450000
52.529933390	-9.745432180	0.11	-0.11	-0.45	0.39	0.40	0.70	3000000	3450000
52.648681690	-9.030099714	0.11	-0.13	-0.46	0.30	0.32	0.53	3050000	3450000
52.763150130	-8.311281635	0.11	-0.16	-0.48	0.26	0.28	0.47	3100000	3450000
52.873305750	-7.589073879	0.14	-0.19	-0.50	0.35	0.36	0.60	3150000	3450000
52.979116440	-6.863576677	0.09	-0.13	-0.68	0.33	0.34	0.56	3200000	3450000
53.080550930	-6.134894504	0.04	-0.04	-0.88	0.29	0.30	0.49	3250000	3450000
53.177578920	-5.403136008	0.09	-0.04	-0.88	0.33	0.33	0.55	3300000	3450000
53.270171090	-4.668413939	0.19	0.02	-0.84	0.22	0.23	0.43	3350000	3450000
53.358299120	-3.930845056	0.21	-0.06	-0.87	0.28	0.28	0.51	3400000	3450000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
53.441935810	-3.190550026	0.13	-0.10	-0.85	0.29	0.30	0.52	3450000	3450000
53.521055070	-2.447653313	-0.03	0.01	-0.75	0.23	0.24	0.43	3500000	3450000
53.595631980	-1.702283049	-0.07	0.13	-0.80	0.27	0.28	0.46	3550000	3450000
53.665642840	-0.954570901	0.02	0.07	-0.97	0.28	0.29	0.48	3600000	3450000
53.731065230	-0.204651920	-0.03	0.06	-1.17	0.23	0.25	0.41	3650000	3450000
53.791878010	0.547335618	-0.11	0.11	-1.20	0.32	0.33	0.56	3700000	3450000
54.110358440	6.620191213	0.00	0.09	-1.41	0.30	0.30	0.57	4100000	3450000
54.128966830	7.384133619	0.01	-0.11	-1.10	0.30	0.30	0.54	4150000	3450000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
53.72090680	20.324781590	-0.15	-0.26	-0.89	0.24	0.23	0.44	5000000	3450000
53.65474880	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
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
53.3469554	0.6462	-0.11	0.21	-1.33	0.29	0.31	0.51	3700000	3400000
30	18543								
53.4024701	1.3924	-0.10	0.17	-1.25	0.36	0.37	0.64	3750000	3400000
80	44665								
53.5784300	4.3930	-0.11	0.00	-1.31	0.37	0.37	0.66	3950000	3400000
10	78531								
53.6108241	5.1464	-0.16	0.08	-1.63	0.31	0.31	0.55	4000000	3400000
50	45039								
53.6385565	5.9007	-0.04	0.10	-2.40	0.26	0.26	0.47	4050000	3400000
80	98158								
53.6616182	6.6559	-0.08	-0.22	-2.94	0.23	0.23	0.43	4100000	3400000
20	86738								
53.6800014	7.4118	-0.05	-0.34	-1.86	0.26	0.26	0.47	4150000	3400000
80	58355								
53.6937002	8.1682	0.10	-0.25	-0.84	0.21	0.21	0.39	4200000	3400000
90	59538								
53.7027101	8.9250	0.14	-0.32	-0.86	0.25	0.25	0.47	4250000	3400000
40	36006								
53.7070280	9.6820	0.08	-0.43	-1.01	0.24	0.24	0.47	4300000	3400000
30	32900								
53.7066525	10.439	0.00	-0.39	-1.04	0.28	0.28	0.52	4350000	3400000
40	095020								
53.7015838	11.196	0.00	-0.27	-1.14	0.26	0.26	0.49	4400000	3400000
00	067070								
53.6918234	11.952	-0.02	-0.20	-1.11	0.26	0.26	0.48	4450000	3400000
80	793890								
53.6773748	12.709	-0.10	-0.19	-0.93	0.26	0.26	0.48	4500000	3400000
10	120690								
53.6582425	13.464	-0.20	-0.27	-0.77	0.26	0.26	0.48	4550000	3400000
70	893310								
53.6344330	14.219	-0.25	-0.31	-0.58	0.25	0.24	0.45	4600000	3400000
50	958430								
53.6059540	14.974	-0.17	-0.24	-0.32	0.25	0.25	0.48	4650000	3400000
90	163810								
53.5728150	15.727	-0.06	-0.19	-0.19	0.27	0.27	0.51	4700000	3400000
30	358530								
53.5350266	16.479	-0.07	-0.29	-0.35	0.27	0.27	0.50	4750000	3400000
90	393200								
53.4926013	17.230	-0.13	-0.35	-0.59	0.27	0.26	0.49	4800000	3400000
60	120160								
53.4455527	17.979	-0.16	-0.32	-0.77	0.26	0.26	0.47	4850000	3400000
90	393750								
53.3938961	18.727	-0.10	-0.18	-0.84	0.25	0.25	0.46	4900000	3400000
10	070450								
53.3376478	19.473	-0.08	-0.10	-0.90	0.25	0.25	0.46	4950000	3400000
90	009100								
53.2768260	20.217	-0.11	-0.18	-0.89	0.24	0.24	0.45	5000000	3400000
10	071110								



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
53.211449720	20.959120610	-0.08	-0.31	-0.89	0.26	0.26	0.48	5050000	3400000
53.141539510	21.699024620	0.02	-0.35	-0.95	0.25	0.25	0.47	5100000	3400000
53.067117180	22.436653240	0.05	-0.36	-0.97	0.26	0.26	0.48	5150000	3400000
52.988205680	23.171879780	-0.03	-0.35	-0.89	0.25	0.24	0.45	5200000	3400000
52.904829190	23.904580890	-0.11	-0.29	-0.89	0.32	0.31	0.56	5250000	3400000
52.817012980	24.634636710	-0.10	-0.24	-0.90	0.38	0.38	0.67	5300000	3400000
52.724783410	25.361930960	-0.08	-0.22	-0.85	0.39	0.39	0.68	5350000	3400000
51.423867390	-10.751933090	0.03	-0.05	-0.43	0.44	0.44	0.84	2900000	3350000
51.548308040	-10.055808430	0.05	-0.07	-0.28	0.43	0.43	0.79	2950000	3350000
51.668611200	-9.356266243	0.07	-0.12	-0.04	0.38	0.39	0.69	3000000	3350000
51.784744780	-8.653389745	0.10	-0.20	0.32	0.23	0.27	0.45	3050000	3350000
51.896677380	-7.947266078	0.07	-0.20	0.06	0.33	0.34	0.57	3100000	3350000
52.004378330	-7.237986283	0.04	-0.20	-0.29	0.35	0.36	0.60	3150000	3350000
52.107817780	-6.525645259	0.01	-0.19	-0.56	0.34	0.35	0.59	3200000	3350000
52.206966700	-5.810341704	0.00	-0.16	-0.81	0.36	0.37	0.62	3250000	3350000
52.301796950	-5.092178056	0.03	-0.18	-1.05	0.32	0.32	0.54	3300000	3350000
52.392281320	-4.371260418	0.05	-0.15	-1.26	0.26	0.27	0.45	3350000	3350000
52.478393560	-3.647698469	0.00	-0.05	-1.35	0.25	0.27	0.44	3400000	3350000
52.560108450	-2.921605379	0.04	-0.04	-1.37	0.29	0.30	0.51	3450000	3350000
52.637401830	-2.193097693	-0.01	-0.02	-1.19	0.27	0.27	0.49	3500000	3350000
52.710250620	-1.462295225	-0.13	-0.08	-0.92	0.26	0.27	0.47	3550000	3350000
52.778632900	-0.729320927	-0.13	-0.11	-0.96	0.27	0.28	0.47	3600000	3350000
52.842527920	0.005699243	-0.04	0.02	-1.20	0.27	0.28	0.46	3650000	3350000
52.901916150	0.742636466	-0.07	0.19	-1.32	0.25	0.26	0.43	3700000	3350000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
53.045848390	17.155175750	0.01	-0.34	-0.55	0.27	0.27	0.50	4800000	3350000
52.999354870	17.896831830	0.04	-0.29	-0.78	0.25	0.25	0.47	4850000	3350000
52.948305990	18.636950920	0.01	-0.18	-0.93	0.24	0.24	0.45	4900000	3350000
52.892717660	19.375396930	-0.07	-0.18	-0.99	0.25	0.25	0.46	4950000	3350000
52.832607080	20.112036190	-0.07	-0.29	-0.92	0.27	0.27	0.49	5000000	3350000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
52.767992760	20.846737600	0.00	-0.41	-0.86	0.25	0.25	0.46	5050000	3350000
52.698894410	21.579372800	0.11	-0.34	-0.93	0.26	0.26	0.47	5100000	3350000
52.625332980	22.309816280	0.14	-0.26	-0.97	0.26	0.26	0.48	5150000	3350000
52.547330580	23.037945600	0.05	-0.28	-0.93	0.28	0.27	0.50	5200000	3350000
52.464910460	23.763641460	-0.05	-0.29	-0.90	0.32	0.32	0.57	5250000	3350000
52.378096960	24.486787830	-0.05	-0.25	-0.89	0.37	0.37	0.64	5300000	3350000
52.286915460	25.207272110	-0.03	-0.22	-0.83	0.36	0.36	0.62	5350000	3350000
51.118251160	-9.862061247	0.04	-0.06	-0.32	0.43	0.43	0.81	2950000	3300000
51.237254930	-9.168453416	0.05	-0.10	-0.16	0.41	0.42	0.75	3000000	3300000
51.352126460	-8.471625055	0.07	-0.14	-0.04	0.38	0.39	0.69	3050000	3300000
51.462835430	-7.771661139	0.06	-0.15	-0.16	0.39	0.40	0.69	3100000	3300000
51.569352280	-7.068650346	0.03	-0.15	-0.40	0.40	0.40	0.71	3150000	3300000
51.769695180	-5.653861055	-0.06	-0.13	-0.80	0.34	0.35	0.59	3250000	3300000
51.863466120	-4.942277963	-0.05	-0.12	-0.96	0.25	0.27	0.45	3300000	3300000
51.952934780	-4.228038671	0.07	-0.07	-1.16	0.25	0.26	0.45	3350000	3300000
52.038075890	-3.511249504	-0.01	-0.11	-1.32	0.26	0.27	0.46	3400000	3300000
52.118865150	-2.792020082	0.02	-0.10	-1.41	0.27	0.28	0.48	3450000	3300000
52.195279280	-2.070463216	0.07	0.03	-1.38	0.21	0.22	0.42	3500000	3300000
52.267296080	-1.346694802	-0.13	-0.01	-1.02	0.23	0.23	0.44	3550000	3300000
52.334894450	-0.620833699	-0.23	-0.15	-0.99	0.23	0.23	0.42	3600000	3300000
52.398054410	0.106998400	-0.07	-0.14	-1.14	0.26	0.26	0.44	3650000	3300000
52.456757170	0.836677106	0.07	-0.08	-1.14	0.25	0.25	0.42	3700000	3300000
52.510985150	1.568075477	0.11	-0.07	-1.08	0.23	0.23	0.43	3750000	3300000
52.560721980	2.301064174	0.08	-0.10	-1.16	0.34	0.34	0.59	3800000	3300000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
52.6466631	3.771284194	0.13	-0.19	-1.47	0.36	0.36	0.63	3900000	3300000
52.6828412	4.508246351	0.27	-0.32	-1.60	0.25	0.25	0.46	3950000	3300000
52.7144756	5.246260865	0.28	-0.30	-1.67	0.26	0.26	0.45	4000000	3300000
52.7415566	5.985188985	0.40	-0.16	-2.03	0.25	0.25	0.44	4050000	3300000
52.7640758	6.724890637	0.49	-0.26	-2.04	0.23	0.23	0.42	4100000	3300000
52.7820262	7.465224621	0.33	-0.37	-1.24	0.27	0.27	0.48	4150000	3300000
52.7954021	8.206048816	0.20	-0.27	-0.63	0.30	0.30	0.53	4200000	3300000
52.8041995	8.947220380	0.06	-0.22	-0.42	0.29	0.29	0.52	4250000	3300000
52.8084155	9.688595965	-0.08	-0.32	-0.52	0.31	0.31	0.54	4300000	3300000
52.8080489	10.430031920	-0.14	-0.46	-0.64	0.30	0.30	0.53	4350000	3300000
52.8030997	11.171384510	-0.08	-0.37	-0.69	0.30	0.30	0.53	4400000	3300000
52.7935696	11.912510120	-0.04	-0.19	-0.66	0.29	0.29	0.52	4450000	3300000
52.7794614	12.653265460	-0.07	-0.16	-0.63	0.25	0.25	0.46	4500000	3300000
52.7607796	13.393507800	-0.12	-0.26	-0.73	0.25	0.25	0.45	4550000	3300000
52.7375300	14.133095150	-0.10	-0.29	-0.75	0.26	0.26	0.46	4600000	3300000
52.7097198	14.871886470	-0.07	-0.28	-0.57	0.24	0.24	0.45	4650000	3300000
52.6773577	15.609741900	-0.08	-0.29	-0.36	0.27	0.27	0.48	4700000	3300000
52.6404537	16.346522900	-0.08	-0.30	-0.38	0.24	0.24	0.45	4750000	3300000
52.5990190	17.082092510	0.00	-0.22	-0.65	0.26	0.26	0.47	4800000	3300000
52.5530665	17.816315490	0.06	-0.22	-0.89	0.27	0.27	0.49	4850000	3300000
52.5026100	18.549058520	0.00	-0.28	-1.05	0.27	0.27	0.49	4900000	3300000
52.4476649	19.280190380	-0.04	-0.30	-1.07	0.26	0.26	0.48	4950000	3300000
52.3882478	20.009582090	0.00	-0.32	-0.90	0.28	0.28	0.49	5000000	3300000
52.3243764	20.737107120	0.03	-0.35	-0.76	0.22	0.22	0.40	5050000	3300000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
52.256069780	21.462641500	0.01	-0.21	-0.82	0.24	0.23	0.43	5100000	3300000
52.183347950	22.186063980	-0.01	-0.12	-0.91	0.24	0.24	0.46	5150000	3300000
52.106232280	22.907256160	-0.04	-0.29	-0.94	0.26	0.26	0.49	5200000	3300000
52.024745140	23.626102640	-0.05	-0.37	-0.95	0.30	0.30	0.53	5250000	3300000
51.938909960	24.342491110	-0.02	-0.29	-0.94	0.33	0.33	0.57	5300000	3300000
51.848751210	25.056312470	0.02	-0.20	-0.90	0.30	0.30	0.50	5350000	3300000
51.754294310	25.767460930	0.04	-0.37	-0.91	0.30	0.30	0.49	5400000	3300000
51.332108940	-5.501071643	-0.01	-0.05	-0.89	0.35	0.36	0.62	3250000	3250000
51.424845790	-4.795929889	0.04	0.04	-0.98	0.30	0.31	0.52	3300000	3250000
51.513323100	-4.088225397	0.19	0.12	-1.11	0.25	0.26	0.46	3350000	3250000
51.597516490	-3.378061252	0.13	-0.12	-1.24	0.26	0.27	0.47	3400000	3250000
51.677402560	-2.665543653	0.09	-0.22	-1.26	0.26	0.27	0.50	3450000	3250000
51.752958900	-1.950781819	0.07	-0.08	-1.24	0.27	0.28	0.50	3500000	3250000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
52.261533810	14.822641440	0.08	-0.23	-0.42	0.26	0.26	0.47	4650000	3250000
52.229545430	15.553107720	0.00	-0.24	-0.37	0.24	0.24	0.44	4700000	3250000
52.193066770	16.282539350	-0.08	-0.20	-0.59	0.25	0.25	0.46	4750000	3250000
52.152108740	17.010804340	-0.01	-0.15	-0.86	0.24	0.24	0.45	4800000	3250000
52.106683550	17.737772320	0.11	-0.28	-0.95	0.26	0.26	0.48	4850000	3250000
52.056804670	18.463314710	0.11	-0.38	-0.97	0.25	0.25	0.48	4900000	3250000
52.002486810	19.187304930	0.10	-0.32	-0.96	0.27	0.27	0.49	4950000	3250000
51.943745890	19.909618510	0.14	-0.26	-0.85	0.25	0.25	0.45	5000000	3250000
51.880599040	20.630133280	0.12	-0.32	-0.73	0.25	0.25	0.44	5050000	3250000
51.813064520	21.348729480	-0.01	-0.33	-0.75	0.26	0.26	0.47	5100000	3250000
51.741161740	22.065289940	-0.12	-0.25	-0.77	0.28	0.27	0.50	5150000	3250000
51.664911180	22.779700150	-0.16	-0.32	-0.77	0.26	0.26	0.48	5200000	3250000
51.584334400	23.491848460	-0.12	-0.52	-0.91	0.20	0.20	0.40	5250000	3250000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
51.499453980	24.201626120	0.00	-0.40	-1.03	0.28	0.28	0.47	5300000	3250000
51.410293490	24.908927420	0.12	-0.24	-1.02	0.25	0.25	0.42	5350000	3250000
51.316877440	25.613649780	0.14	-0.40	-1.02	0.26	0.26	0.43	5400000	3250000
50.894211070	-5.351851134	0.07	-0.04	-1.08	0.37	0.37	0.63	3250000	3200000
50.985938240	-4.653015357	0.15	0.10	-1.13	0.32	0.33	0.55	3300000	3200000
51.073447720	-3.951706208	0.21	0.18	-1.19	0.26	0.27	0.46	3350000	3200000
51.156716040	-3.248023644	0.08	-0.04	-1.20	0.25	0.27	0.47	3400000	3200000
51.235720630	-2.542070568	0.01	-0.16	-1.10	0.28	0.29	0.52	3450000	3200000
51.310439900	-1.833952737	-0.01	-0.15	-1.10	0.25	0.27	0.47	3500000	3200000
51.380853230	-1.123778664	-0.08	-0.17	-1.22	0.26	0.27	0.46	3550000	3200000
51.446941060	-0.411659501	-0.18	-0.06	-1.29	0.24	0.24	0.44	3600000	3200000
51.508684870	0.302291069	-0.07	0.00	-1.25	0.24	0.24	0.43	3650000	3200000
51.566067260	1.017956964	0.07	-0.18	-1.20	0.26	0.26	0.45	3700000	3200000
51.619071910	1.735219829	0.07	-0.28	-1.22	0.31	0.31	0.53	3750000	3200000
51.667683710	2.453959181	0.02	-0.34	-1.20	0.31	0.32	0.54	3800000	3200000
51.711888660	3.174052547	-0.02	-0.30	-1.33	0.28	0.29	0.49	3850000	3200000
51.751674020	3.895375624	0.00	-0.18	-1.64	0.24	0.24	0.42	3900000	3200000
51.787028220	4.617802428	-0.09	-0.38	-1.59	0.22	0.22	0.39	3950000	3200000
51.817940980	5.341205464	-0.13	-0.46	-1.10	0.25	0.25	0.43	4000000	3200000
51.844403240	6.065455892	0.01	-0.28	-0.96	0.23	0.23	0.41	4050000	3200000
51.866407250	6.790423695	0.17	-0.32	-1.00	0.26	0.26	0.45	4100000	3200000
51.883946520	7.515977863	0.15	-0.43	-0.94	0.27	0.27	0.48	4150000	3200000
51.897015900	8.241986565	0.02	-0.29	-0.91	0.26	0.26	0.45	4200000	3200000
51.905611510	8.968317336	-0.13	-0.07	-0.87	0.25	0.24	0.44	4250000	3200000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
51.909730820	9.694837259	-0.18	-0.11	-0.69	0.27	0.27	0.48	4300000	3200000
51.909372600	10.421413150	-0.11	-0.29	-0.61	0.26	0.26	0.47	4350000	3200000
51.904536970	11.147911760	-0.02	-0.31	-0.73	0.32	0.32	0.56	4400000	3200000
51.895225350	11.874199920	0.00	-0.28	-0.75	0.31	0.31	0.56	4450000	3200000
51.881440500	12.600144780	-0.09	-0.25	-0.63	0.29	0.29	0.52	4500000	3200000
51.863186480	13.325613970	-0.16	-0.24	-0.43	0.26	0.26	0.48	4550000	3200000
51.840468690	14.050475780	-0.06	-0.21	-0.28	0.26	0.26	0.47	4600000	3200000
51.813293790	14.774599330	0.07	-0.21	-0.24	0.25	0.25	0.45	4650000	3200000
51.781669760	15.497854790	0.06	-0.24	-0.41	0.25	0.25	0.45	4700000	3200000
51.745605850	16.220113530	0.02	-0.24	-0.80	0.24	0.24	0.45	4750000	3200000
51.705112550	16.941248280	0.10	-0.27	-0.96	0.26	0.26	0.47	4800000	3200000
51.660201610	17.661133310	0.20	-0.38	-0.81	0.24	0.24	0.45	4850000	3200000
51.610885990	18.379644600	0.21	-0.37	-0.67	0.25	0.25	0.47	4900000	3200000
51.557179850	19.096660000	0.21	-0.20	-0.74	0.25	0.25	0.47	4950000	3200000
51.499098510	19.812059340	0.25	-0.16	-0.81	0.24	0.24	0.45	5000000	3200000
51.436658450	20.525724620	0.19	-0.39	-0.71	0.27	0.27	0.48	5050000	3200000
51.369877270	21.237540140	0.08	-0.63	-0.63	0.21	0.21	0.42	5100000	3200000
51.298773650	21.947392620	-0.07	-0.43	-0.56	0.25	0.25	0.47	5150000	3200000
51.223367320	22.655171310	-0.18	-0.33	-0.57	0.24	0.24	0.46	5200000	3200000
51.143679060	23.360768140	-0.22	-0.44	-0.81	0.24	0.23	0.45	5250000	3200000
51.059730610	24.064077800	-0.05	-0.45	-1.11	0.27	0.27	0.46	5300000	3200000
50.971544700	24.764997850	0.16	-0.39	-1.15	0.27	0.27	0.45	5350000	3200000
50.879144940	25.463428810	0.24	-0.45	-1.05	0.27	0.27	0.46	5400000	3200000
50.262086940	-6.583868436	0.12	-0.11	-1.12	0.40	0.40	0.72	3150000	3150000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
50.3611099	-5.896262012	0.16	-0.14	-1.33	0.33	0.33	0.57	3200000	3150000
50.4560042	-5.206082525	0.09	-0.13	-1.32	0.30	0.31	0.52	3250000	3150000
50.5467452	-4.513421092	0.07	-0.13	-1.38	0.30	0.31	0.53	3300000	3150000
50.6333097	-3.818371778	-0.02	-0.09	-1.43	0.27	0.27	0.47	3350000	3150000
50.7156748	-3.121031516	-0.11	-0.06	-1.33	0.25	0.27	0.46	3400000	3150000
50.7938189	-2.421500034	-0.15	-0.10	-1.13	0.31	0.32	0.53	3450000	3150000
50.8677212	-1.719879757	-0.19	-0.18	-1.08	0.25	0.27	0.44	3500000	3150000
50.9373617	-1.016275717	-0.10	-0.43	-1.25	0.23	0.24	0.41	3550000	3150000
51.0027216	-0.310795443	-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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
51.455208540	11.136602480	0.05	-0.20	-0.90	0.30	0.30	0.52	4400000	3150000
51.446002100	11.855741570	-0.02	-0.22	-0.79	0.32	0.32	0.55	4450000	3150000
51.432372860	12.574549910	-0.15	-0.21	-0.54	0.27	0.27	0.51	4500000	3150000
51.414324740	13.292899940	-0.26	-0.22	-0.27	0.26	0.26	0.49	4550000	3150000
51.391862900	14.010664720	-0.19	-0.23	-0.16	0.28	0.28	0.50	4600000	3150000
51.364993800	14.727718130	-0.06	-0.27	-0.17	0.27	0.27	0.48	4650000	3150000
51.333725080	15.443935000	0.03	-0.28	-0.37	0.26	0.26	0.48	4700000	3150000
51.298065640	16.159191300	0.08	-0.26	-0.73	0.26	0.26	0.48	4750000	3150000
51.258025600	16.873364290	0.13	-0.27	-0.80	0.26	0.26	0.48	4800000	3150000
51.213616250	17.586332680	0.13	-0.28	-0.52	0.27	0.27	0.49	4850000	3150000
51.164850060	18.297976800	0.07	-0.16	-0.34	0.26	0.26	0.48	4900000	3150000
51.111740680	19.008178720	0.07	-0.03	-0.53	0.28	0.28	0.51	4950000	3150000
51.054302850	19.716822410	0.12	-0.08	-0.71	0.27	0.27	0.49	5000000	3150000
50.992552450	20.423793870	0.08	-0.34	-0.60	0.29	0.28	0.51	5050000	3150000
50.926506410	21.128981270	0.06	-0.53	-0.41	0.28	0.28	0.51	5100000	3150000
50.856182740	21.832275070	0.05	-0.47	-0.35	0.29	0.29	0.52	5150000	3150000
50.781600450	22.533568130	-0.05	-0.42	-0.46	0.29	0.29	0.53	5200000	3150000
50.702779570	23.232755830	-0.21	-0.47	-0.78	0.25	0.25	0.48	5250000	3150000
50.619741040	23.929736170	-0.14	-0.54	-1.15	0.25	0.25	0.45	5300000	3150000
50.532506790	24.624409870	0.04	-0.53	-1.20	0.28	0.28	0.48	5350000	3150000
50.441099590	25.316680430	0.13	-0.50	-1.04	0.32	0.32	0.53	5400000	3150000
49.825616970	-6.429603498	0.16	-0.12	-1.29	0.40	0.40	0.71	3150000	3100000
49.923598880	-5.747871610	0.25	-0.20	-1.64	0.29	0.29	0.50	3200000	3100000
50.017490520	-5.063653859	0.18	-0.25	-1.67	0.26	0.26	0.47	3250000	3100000



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
50.983258100	12.549568950	-0.17	-0.28	-0.46	0.25	0.25	0.48	4500000	3100000
50.965410790	13.260969890	-0.22	-0.23	-0.25	0.26	0.27	0.51	4550000	3100000
50.943198610	13.971806710	-0.16	-0.22	-0.18	0.27	0.27	0.50	4600000	3100000
50.916627760	14.681957800	-0.06	-0.26	-0.11	0.22	0.23	0.43	4650000	3100000
50.885705620	15.391302440	0.03	-0.23	-0.18	0.26	0.26	0.48	4700000	3100000
50.850440750	16.099721020	0.08	-0.17	-0.40	0.25	0.26	0.47	4750000	3100000
50.810842880	16.807095100	0.07	-0.18	-0.44	0.26	0.26	0.47	4800000	3100000
50.766922880	17.513307660	-0.05	-0.16	-0.21	0.28	0.28	0.50	4850000	3100000
50.718692790	18.218243160	-0.16	-0.02	-0.10	0.26	0.25	0.48	4900000	3100000
50.666165710	18.921787730	-0.12	0.07	-0.39	0.27	0.26	0.48	4950000	3100000
50.609355870	19.623829290	-0.06	-0.02	-0.63	0.27	0.27	0.49	5000000	3100000
50.548278540	20.324257680	-0.09	-0.24	-0.51	0.28	0.28	0.50	5050000	3100000
50.482950070	21.022964780	-0.08	-0.36	-0.32	0.25	0.25	0.48	5100000	3100000
50.413387780	21.719844650	0.05	-0.38	-0.28	0.26	0.25	0.49	5150000	3100000
50.339610010	22.414793610	0.03	-0.43	-0.36	0.28	0.27	0.52	5200000	3100000
50.261636050	23.107710360	-0.13	-0.56	-0.61	0.24	0.24	0.48	5250000	3100000
50.179486120	23.798496080	-0.14	-0.60	-0.93	0.28	0.28	0.49	5300000	3100000
50.093181340	24.487054540	-0.04	-0.59	-1.05	0.32	0.32	0.54	5350000	3100000
50.002743700	25.173292140	-0.01	-0.59	-0.94	0.34	0.34	0.57	5400000	3100000
49.485759890	-5.602834950	0.20	-0.18	-1.55	0.38	0.38	0.67	3200000	3050000
49.578671860	-4.924457966	0.16	-0.24	-1.71	0.36	0.36	0.64	3250000	3050000
49.832870210	-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
49.981679210	-1.499638507	-0.03	-0.33	-1.33	0.31	0.32	0.53	3500000	3050000



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



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
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
50.067399910	13.199355750	-0.10	-0.04	-0.42	0.28	0.29	0.51	4550000	3000000
50.045668970	13.896821170	0.01	-0.09	-0.62	0.27	0.28	0.49	4600000	3000000
50.019673080	14.593648680	0.04	-0.17	-0.66	0.21	0.22	0.41	4650000	3000000
49.989419090	15.289725930	0.01	-0.16	-0.47	0.29	0.30	0.53	4700000	3000000
49.954914950	15.984941500	0.00	-0.20	-0.28	0.27	0.28	0.52	4750000	3000000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
49.916169670	16.679185060	-0.02	-0.31	-0.14	0.27	0.28	0.50	4800000	3000000
49.873193350	17.372347510	-0.07	-0.26	-0.05	0.29	0.30	0.52	4850000	3000000
49.825997150	18.064321090	-0.09	-0.13	-0.07	0.26	0.26	0.48	4900000	3000000
49.774593260	18.754999540	-0.02	-0.10	-0.22	0.28	0.28	0.51	4950000	3000000
49.718994860	19.444278180	0.04	-0.20	-0.31	0.26	0.26	0.48	5000000	3000000
49.659216170	20.132054050	-0.04	-0.25	-0.37	0.25	0.25	0.45	5050000	3000000
49.595272340	20.818226030	-0.13	-0.16	-0.65	0.25	0.25	0.46	5100000	3000000
49.527179500	21.502694930	-0.09	-0.12	-0.72	0.27	0.26	0.49	5150000	3000000
49.454954700	22.185363600	-0.13	-0.18	-0.37	0.25	0.25	0.47	5200000	3000000
49.378615880	22.866137020	-0.22	-0.26	-0.20	0.27	0.27	0.49	5250000	3000000
49.298181860	23.544922400	-0.20	-0.37	-0.51	0.25	0.25	0.46	5300000	3000000
49.213672290	24.221629260	0.03	-0.56	-1.02	0.26	0.26	0.46	5350000	3000000
49.125107650	24.896169500	0.16	-0.70	-1.17	0.28	0.28	0.48	5400000	3000000
49.032509200	25.568457480	-0.12	-0.65	-0.78	0.31	0.31	0.51	5450000	3000000
48.935898960	26.238410100	-0.46	-0.58	-0.42	0.26	0.26	0.46	5500000	3000000
48.835299670	26.905946840	-0.45	-0.70	-0.31	0.32	0.32	0.56	5550000	3000000
48.730734760	27.570989800	-0.40	-0.82	-0.18	0.31	0.31	0.55	5600000	3000000
48.622228320	28.233463800	-0.30	-0.75	-0.21	0.30	0.30	0.52	5650000	3000000
48.509805070	28.893296360	-0.32	-0.61	-0.27	0.27	0.27	0.47	5700000	3000000
48.609106350	-5.322403980	0.24	-0.13	-1.27	0.36	0.36	0.63	3200000	2950000
48.700124890	-4.655358280	0.29	-0.18	-1.58	0.28	0.28	0.48	3250000	2950000
48.787143320	-3.986148273	0.12	-0.26	-2.08	0.24	0.24	0.42	3300000	2950000
48.870141210	-3.314857490	-0.02	-0.40	-1.91	0.21	0.22	0.39	3350000	2950000
48.949098930	-2.641571787	0.04	-0.36	-1.53	0.31	0.32	0.53	3400000	2950000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
49.658435010	9.016781289	-0.07	-0.16	-0.85	0.27	0.27	0.48	4250000	2950000
49.662332700	9.709174531	-0.09	-0.07	-0.64	0.25	0.25	0.46	4300000	2950000
49.661993760	10.401614410	-0.16	-0.07	-0.42	0.28	0.28	0.51	4350000	2950000
49.657418270	11.093989890	-0.25	-0.07	-0.27	0.28	0.28	0.51	4400000	2950000
49.648607410	11.786190010	-0.24	0.03	-0.25	0.30	0.30	0.53	4450000	2950000
49.635563450	12.478104060	-0.19	0.12	-0.28	0.27	0.27	0.48	4500000	2950000
49.618289770	13.169621650	-0.06	0.05	-0.47	0.26	0.27	0.47	4550000	2950000
49.596790810	13.860632920	0.01	-0.08	-0.72	0.28	0.29	0.49	4600000	2950000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
48.5941735	25.428924990	0.06	-0.74	-0.99	0.28	0.28	0.48	5450000	2950000
48.4985414	26.093358600	-0.23	-0.60	-0.69	0.26	0.26	0.46	5500000	2950000
48.3989557	26.755455710	-0.48	-0.70	-0.49	0.32	0.32	0.57	5550000	2950000
48.2954391	27.415140530	-0.71	-0.88	-0.31	0.26	0.26	0.54	5600000	2950000
48.1880149	28.072339830	-0.45	-0.98	-0.24	0.26	0.26	0.48	5650000	2950000
48.0767069	28.726982970	-0.42	-0.92	-0.27	0.30	0.30	0.51	5700000	2950000
47.9615397	29.379001960	-0.66	-1.02	-0.37	0.26	0.26	0.43	5750000	2950000
48.1702949	-5.186811029	0.23	-0.10	-1.15	0.35	0.35	0.61	3200000	2900000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
48.2603983	-4.525261924	0.32	-0.12	-1.32	0.23	0.23	0.39	3250000	2900000
48.3465381	-3.861619875	0.16	-0.15	-1.65	0.23	0.23	0.40	3300000	2900000
48.4286945	-3.195965991	0.02	-0.29	-1.51	0.25	0.25	0.43	3350000	2900000
48.5068484	-2.528383590	0.06	-0.34	-1.21	0.23	0.24	0.40	3400000	2900000
48.5809819	-1.858958130	0.14	-0.21	-1.19	0.20	0.20	0.36	3450000	2900000
48.6510773	-1.187777133	0.03	-0.08	-1.11	0.24	0.24	0.41	3500000	2900000
48.7171182	-0.514930111	0.01	-0.04	-0.99	0.25	0.25	0.43	3550000	2900000
48.7790888	0.159491523	0.08	-0.10	-1.12	0.26	0.26	0.44	3600000	2900000
48.8369743	0.835394537	0.06	-0.14	-1.37	0.23	0.23	0.39	3650000	2900000
48.8907606	1.512683979	-0.05	-0.08	-1.37	0.23	0.23	0.39	3700000	2900000
48.9404348	2.191263270	-0.04	-0.12	-1.17	0.23	0.23	0.38	3750000	2900000
48.9859847	2.871034311	0.01	-0.18	-1.24	0.22	0.22	0.39	3800000	2900000
49.0273991	3.551897585	-0.02	-0.06	-1.32	0.27	0.27	0.46	3850000	2900000
49.0646678	4.233752271	-0.03	0.01	-1.13	0.28	0.28	0.49	3900000	2900000
49.0977817	4.916496355	-0.07	-0.03	-0.80	0.26	0.26	0.46	3950000	2900000
49.1267324	5.600026749	-0.20	-0.12	-0.55	0.25	0.25	0.44	4000000	2900000
49.1515128	6.284239411	-0.33	-0.09	-0.52	0.24	0.24	0.42	4050000	2900000
49.1721167	6.969029467	-0.27	0.04	-0.58	0.23	0.23	0.41	4100000	2900000
49.1885388	7.654291337	-0.14	0.01	-0.64	0.26	0.26	0.46	4150000	2900000
49.2007752	8.339918865	-0.05	-0.06	-0.81	0.24	0.24	0.44	4200000	2900000
49.2088226	9.025805442	0.02	-0.06	-0.93	0.25	0.25	0.46	4250000	2900000
49.2126791	9.711844144	0.01	-0.04	-0.83	0.26	0.26	0.48	4300000	2900000
49.2123438	10.397927860	-0.05	-0.05	-0.66	0.31	0.31	0.55	4350000	2900000
49.2078166	11.083949410	-0.12	-0.02	-0.48	0.33	0.33	0.57	4400000	2900000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
49.1990988	11.769801720	-0.14	0.08	-0.34	0.32	0.32	0.56	4450000	2900000
49.1861925	12.455377900	-0.10	0.10	-0.23	0.26	0.26	0.47	4500000	2900000
49.1691009	13.140571400	-0.05	-0.02	-0.24	0.22	0.22	0.40	4550000	2900000
49.1478285	13.825276150	-0.04	-0.05	-0.47	0.26	0.27	0.47	4600000	2900000
49.1223804	14.509386680	0.01	0.00	-0.70	0.24	0.25	0.43	4650000	2900000
49.0927630	15.192798230	-0.03	0.01	-0.73	0.21	0.22	0.39	4700000	2900000
49.0589838	15.875406910	-0.13	-0.18	-0.58	0.26	0.27	0.49	4750000	2900000
49.0210511	16.557109800	-0.14	-0.27	-0.47	0.26	0.26	0.49	4800000	2900000
48.9789743	17.237805060	-0.02	-0.19	-0.43	0.27	0.27	0.48	4850000	2900000
48.9327638	17.917392070	0.07	-0.13	-0.49	0.29	0.29	0.50	4900000	2900000
48.8824308	18.595771540	0.05	-0.16	-0.59	0.26	0.26	0.45	4950000	2900000
48.8279877	19.272845600	-0.02	-0.15	-0.59	0.24	0.24	0.41	5000000	2900000
48.7694476	19.948517930	-0.07	0.01	-0.58	0.26	0.26	0.43	5050000	2900000
48.7068248	20.622693850	-0.09	0.02	-0.80	0.29	0.29	0.49	5100000	2900000
48.6401341	21.295280400	-0.16	-0.05	-0.92	0.22	0.22	0.38	5150000	2900000
48.5693914	21.966186470	-0.36	-0.11	-0.76	0.23	0.23	0.41	5200000	2900000
48.4946135	22.635322870	-0.42	-0.10	-0.74	0.23	0.23	0.42	5250000	2900000
48.4158179	23.302602400	-0.28	-0.28	-0.87	0.33	0.33	0.55	5300000	2900000
48.3330229	23.967939930	-0.11	-0.58	-1.02	0.33	0.33	0.54	5350000	2900000
48.2462476	24.631252500	0.07	-0.88	-1.09	0.27	0.27	0.46	5400000	2900000
48.1555118	25.292459360	0.14	-0.91	-1.00	0.26	0.26	0.45	5450000	2900000
48.0608361	25.951482030	-0.02	-0.71	-0.89	0.27	0.27	0.47	5500000	2900000
47.9622418	26.608244380	-0.28	-0.64	-0.75	0.28	0.28	0.50	5550000	2900000
47.8597505	27.262672670	-0.49	-0.66	-0.52	0.29	0.29	0.53	5600000	2900000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
47.7533850	27.914695560	-0.38	-0.72	-0.37	0.31	0.31	0.54	5650000	2900000
47.6431683	28.564244220	-0.32	-0.84	-0.33	0.25	0.25	0.44	5700000	2900000
47.5291241	29.211252320	-0.39	-0.81	-0.49	0.31	0.31	0.51	5750000	2900000
47.4112766	29.855656040	-0.32	-0.65	-0.67	0.30	0.30	0.50	5800000	2900000
47.7311618	-5.054174106	0.16	-0.08	-1.13	0.39	0.39	0.70	3200000	2850000
47.8203704	-4.398012791	0.17	-0.09	-1.26	0.31	0.32	0.55	3250000	2850000
47.9056511	-3.739826996	0.12	-0.10	-1.37	0.22	0.22	0.40	3300000	2850000
47.9869847	-3.079695489	0.00	-0.21	-1.26	0.24	0.25	0.43	3350000	2850000
48.0643530	-2.417699136	-0.04	-0.33	-1.08	0.26	0.26	0.44	3400000	2850000
48.1377384	-1.753920836	-0.03	-0.34	-1.06	0.23	0.24	0.41	3450000	2850000
48.2071241	-1.088445448	-0.03	-0.22	-0.93	0.26	0.26	0.44	3500000	2850000
48.2724941	-0.421359717	0.00	-0.14	-0.84	0.26	0.26	0.44	3550000	2850000
48.3338332	0.247247804	0.08	-0.15	-1.02	0.26	0.26	0.45	3600000	2850000
48.3911271	0.917286842	0.10	-0.13	-1.33	0.26	0.26	0.44	3650000	2850000
48.4443622	1.588665489	0.01	-0.09	-1.37	0.24	0.24	0.41	3700000	2850000
48.4935261	2.261290300	-0.03	-0.14	-1.16	0.23	0.23	0.39	3750000	2850000
48.5386069	2.935066384	-0.01	-0.11	-1.15	0.26	0.25	0.43	3800000	2850000
48.5795939	3.609897513	-0.04	0.05	-1.12	0.26	0.26	0.45	3850000	2850000
48.6164773	4.285686219	-0.08	0.10	-0.98	0.27	0.27	0.46	3900000	2850000
48.6492482	4.962333907	-0.15	-0.04	-0.85	0.26	0.27	0.46	3950000	2850000
48.6778986	5.639740964	-0.22	-0.15	-1.05	0.26	0.26	0.45	4000000	2850000
48.7024216	6.317806876	-0.24	-0.14	-1.38	0.25	0.25	0.43	4050000	2850000
48.7228112	6.996430339	-0.20	-0.06	-1.31	0.27	0.27	0.46	4100000	2850000
48.7390624	7.675509385	-0.12	-0.01	-1.05	0.21	0.21	0.37	4150000	2850000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
48.751171350	8.354941497	0.01	0.01	-0.84	0.26	0.26	0.45	4200000	2850000
48.759134930	9.034623732	0.14	0.03	-0.89	0.26	0.25	0.47	4250000	2850000
48.762951260	9.714452847	0.16	-0.03	-0.95	0.28	0.28	0.51	4300000	2850000
48.762619400	10.394325420	0.09	-0.06	-0.90	0.28	0.28	0.51	4350000	2850000
48.758139420	11.074137980	0.03	-0.01	-0.70	0.32	0.32	0.57	4400000	2850000
48.749512420	11.753787130	-0.03	0.03	-0.41	0.34	0.34	0.59	4450000	2850000
48.736740530	12.433169660	-0.08	0.04	-0.15	0.31	0.31	0.53	4500000	2850000
48.719826870	13.112182690	-0.14	0.06	-0.05	0.28	0.29	0.49	4550000	2850000
48.698775560	13.790723780	-0.14	0.13	-0.14	0.26	0.26	0.45	4600000	2850000
48.673591760	14.468691060	-0.04	0.11	-0.33	0.25	0.26	0.44	4650000	2850000
48.644281590	15.145983350	-0.03	-0.03	-0.55	0.27	0.28	0.47	4700000	2850000
48.610852160	15.822500270	-0.12	-0.11	-0.68	0.27	0.27	0.48	4750000	2850000
48.573311560	16.498142360	-0.11	-0.05	-0.76	0.26	0.27	0.48	4800000	2850000
48.531668840	17.172811200	0.07	0.01	-0.72	0.23	0.23	0.40	4850000	2850000
48.485933990	17.846409520	0.16	-0.07	-0.66	0.26	0.26	0.44	4900000	2850000
48.436117940	18.518841280	0.09	-0.15	-0.70	0.28	0.28	0.47	4950000	2850000
48.382232530	19.190011830	-0.01	-0.06	-0.82	0.26	0.27	0.45	5000000	2850000
48.324290500	19.859827960	-0.05	0.17	-0.96	0.22	0.23	0.38	5050000	2850000
48.262305480	20.528198020	-0.10	0.03	-1.12	0.27	0.27	0.46	5100000	2850000
48.196291930	21.195032000	-0.23	-0.20	-1.18	0.29	0.29	0.49	5150000	2850000
48.126265180	21.860241640	-0.41	-0.40	-1.18	0.26	0.26	0.44	5200000	2850000
48.052241360	22.523740480	-0.42	-0.33	-1.18	0.26	0.26	0.44	5250000	2850000
47.974237400	23.185443970	-0.36	-0.30	-1.07	0.29	0.29	0.49	5300000	2850000
47.892270980	23.845269550	-0.40	-0.48	-0.85	0.30	0.30	0.50	5350000	2850000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
47.8063605 60	24.503 1366660	-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
39.6724775 80	-31.383 652210	3.08	-17.42	-1.44	0.32	0.32	0.55	950000	280000 0
39.9106471 20	-30.863 785970	2.39	-13.56	-1.41	0.38	0.38	0.66	100000 0	280000 0
47.2917078 90	-4.9244 03741	0.10	-0.08	-1.16	0.42	0.42	0.76	320000 0	280000 0
47.3800412 90	-4.2735 24215	0.11	-0.11	-1.32	0.37	0.37	0.66	325000 0	280000 0
47.4644817 80	-3.6206 85919	0.11	-0.19	-1.56	0.29	0.30	0.51	330000 0	280000 0
47.5450109 50	-2.9659 65356	0.03	-0.25	-1.57	0.23	0.23	0.40	335000 0	280000 0
47.6216111 00	-2.3094 41024	-0.05	-0.29	-1.28	0.28	0.28	0.47	340000 0	280000 0
47.6942652 50	-1.6511 93351	-0.04	-0.37	-1.08	0.25	0.26	0.44	345000 0	280000 0
47.7629571 70	-0.9913 04628	-0.01	-0.32	-1.00	0.24	0.24	0.42	350000 0	280000 0
47.8276714 20	-0.3298 58937	-0.01	-0.19	-1.00	0.23	0.24	0.41	355000 0	280000 0
47.8883933 30	0.3330 57924	0.03	-0.14	-1.15	0.25	0.25	0.43	360000 0	280000 0
47.9451090 50	0.9973 58526	0.06	-0.12	-1.36	0.26	0.26	0.44	365000 0	280000 0
47.9978055 70	1.6629 53888	0.02	-0.17	-1.38	0.24	0.23	0.41	370000 0	280000 0
48.0464707 50	2.3297 53572	-0.04	-0.21	-1.23	0.26	0.26	0.44	375000 0	280000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
48.091093270	2.997665769	-0.07	-0.16	-1.14	0.23	0.23	0.39	3800000	2800000
48.131662760	3.666597403	-0.09	-0.01	-1.01	0.25	0.25	0.44	3850000	2800000
48.168169710	4.336454224	-0.11	0.00	-0.89	0.27	0.27	0.48	3900000	2800000
48.200605530	5.007140911	-0.14	-0.09	-0.96	0.26	0.27	0.46	3950000	2800000
48.228962590	5.678561183	-0.13	-0.14	-1.35	0.27	0.28	0.47	4000000	2800000
48.253234160	6.350617903	-0.09	-0.18	-1.76	0.24	0.24	0.42	4050000	2800000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
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
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	9000000	2750000
39.295135940	-31.105274380	3.64	-20.62	-1.55	0.26	0.26	0.42	9500000	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



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
47.800371800	13.723929790	0.13	0.13	-0.59	0.27	0.28	0.47	4600000	2750000
47.775698340	14.390018480	0.22	0.00	-0.89	0.27	0.27	0.48	4650000	2750000
47.746981350	15.055477110	0.23	0.08	-0.98	0.31	0.31	0.54	4700000	2750000
47.714227450	15.720211890	0.23	0.28	-1.08	0.30	0.31	0.53	4750000	2750000
47.677444180	16.384129870	0.23	0.37	-1.08	0.31	0.31	0.53	4800000	2750000
47.636639950	17.047139030	0.24	0.29	-0.96	0.27	0.27	0.46	4850000	2750000
47.591824070	17.709148380	0.15	0.14	-0.70	0.25	0.25	0.41	4900000	2750000
47.543006710	18.370068050	-0.09	0.13	-0.49	0.26	0.26	0.42	4950000	2750000
47.490198920	19.029809400	-0.27	0.30	-0.70	0.23	0.23	0.38	5000000	2750000
47.433412550	19.688285080	-0.17	0.23	-1.29	0.24	0.24	0.40	5050000	2750000
47.372660300	20.345409170	-0.08	0.07	-1.69	0.27	0.27	0.44	5100000	2750000
47.307955670	21.001097220	-0.19	0.01	-1.57	0.25	0.26	0.43	5150000	2750000
47.239312940	21.655266320	-0.43	-0.08	-1.15	0.26	0.27	0.48	5200000	2750000
47.166747160	22.307835240	-0.52	-0.30	-0.96	0.31	0.31	0.53	5250000	2750000
47.090274130	22.958724440	-0.56	-0.58	-1.03	0.24	0.24	0.40	5300000	2750000
47.009910360	23.607856160	-0.82	-0.54	-0.96	0.28	0.28	0.46	5350000	2750000
46.925673060	24.255154490	-1.07	-0.44	-0.98	0.27	0.27	0.45	5400000	2750000
46.837580150	24.900545440	-0.96	-0.45	-1.17	0.29	0.29	0.50	5450000	2750000
46.745650170	25.543956960	-0.77	-0.53	-1.29	0.25	0.25	0.49	5500000	2750000
46.649902300	26.185319010	-0.66	-0.74	-0.96	0.26	0.26	0.48	5550000	2750000
46.550356330	26.824563630	-0.67	-0.73	-0.64	0.23	0.23	0.40	5600000	2750000
46.447032630	27.461624940	-0.34	-0.43	-0.87	0.28	0.28	0.46	5650000	2750000
46.339952130	28.096439220	-0.07	-0.57	-1.07	0.29	0.29	0.48	5700000	2750000
46.229136280	28.728944910	-0.11	-0.84	-1.20	0.24	0.24	0.42	5750000	2750000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
46.1146070	29.359082640	-0.66	-0.91	-1.03	0.25	0.25	0.44	5800000	2750000
45.9963868	29.986795290	-1.05	-0.58	-0.88	0.30	0.30	0.51	5850000	2750000
45.8744985	30.612027970	-1.00	-0.37	-0.78	0.32	0.32	0.56	5900000	2750000
43.0813696	41.393162930	0.37	-0.35	0.18	0.41	0.41	0.73	6800000	2750000
42.8945455	41.963856330	0.42	-0.22	0.14	0.42	0.42	0.77	6850000	2750000
42.7045661	42.531442180	0.48	-0.08	0.06	0.43	0.43	0.81	6900000	2750000
42.5114579	43.095911160	0.58	0.05	0.00	0.44	0.44	0.83	6950000	2750000
42.3152472	43.657255820	0.71	0.16	-0.08	0.44	0.44	0.84	7000000	2750000
42.1159605	44.215470500	0.85	0.25	-0.18	0.44	0.44	0.84	7050000	2750000
41.9136240	44.770551350	0.96	0.31	-0.28	0.44	0.44	0.85	7100000	2750000
41.7082639	45.322496230	0.99	0.33	-0.38	0.44	0.44	0.85	7150000	2750000
46.5812927	-3.390041181	0.04	-0.16	-1.46	0.40	0.40	0.72	3300000	2700000
46.6602655	-2.745820044	0.01	-0.19	-1.54	0.36	0.37	0.64	3350000	2700000
46.7353797	-2.099910018	-0.01	-0.19	-1.51	0.27	0.27	0.48	3400000	2700000
46.8066196	-1.452386846	0.04	-0.12	-1.28	0.28	0.28	0.47	3450000	2700000
46.8739699	-0.803327952	0.06	-0.13	-1.15	0.26	0.26	0.45	3500000	2700000
46.9374163	-0.152812379	-0.05	-0.17	-1.17	0.25	0.25	0.42	3550000	2700000
46.9969450	0.499079281	-0.08	-0.14	-1.21	0.25	0.25	0.42	3600000	2700000
47.0525432	1.152264968	0.04	-0.14	-1.17	0.25	0.25	0.44	3650000	2700000
47.1041987	1.806661220	0.08	-0.19	-1.08	0.27	0.27	0.48	3700000	2700000
47.1519001	2.462183265	-0.01	-0.20	-1.00	0.27	0.27	0.48	3750000	2700000
47.1956371	3.118745096	-0.07	-0.19	-0.98	0.28	0.28	0.48	3800000	2700000
47.2353998	3.776259565	-0.08	-0.19	-0.99	0.25	0.25	0.44	3850000	2700000
47.2711794	4.434638468	-0.08	-0.16	-0.97	0.27	0.27	0.47	3900000	2700000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
47.3029680	5.093792642	-0.11	-0.10	-0.90	0.21	0.21	0.40	3950000	2700000
47.3307584	5.753632056	-0.06	-0.06	-0.92	0.27	0.27	0.47	4000000	2700000
47.3545443	6.414065912	0.02	-0.13	-0.84	0.28	0.28	0.47	4050000	2700000
47.3743204	7.075002742	0.08	-0.17	-0.58	0.25	0.25	0.43	4100000	2700000
47.3900822	7.736350511	0.17	-0.03	-0.25	0.24	0.24	0.41	4150000	2700000
47.4018262	8.398016719	0.29	0.11	-0.01	0.23	0.23	0.39	4200000	2700000
47.4095497	9.059908504	0.32	-0.01	0.17	0.25	0.26	0.43	4250000	2700000
47.4132510	9.721932750	0.25	-0.10	0.33	0.23	0.23	0.39	4300000	2700000
47.4129291	10.383996190	0.24	0.06	0.38	0.25	0.26	0.44	4350000	2700000
47.4085842	11.046005500	0.35	0.17	0.25	0.25	0.26	0.44	4400000	2700000
47.4002173	11.707867450	0.40	0.02	0.10	0.26	0.27	0.46	4450000	2700000
47.3878303	12.369488940	0.35	-0.10	-0.04	0.27	0.27	0.47	4500000	2700000
47.3714259	13.030777160	0.30	-0.03	-0.30	0.26	0.26	0.45	4550000	2700000
47.3510079	13.691639690	0.32	0.04	-0.64	0.30	0.30	0.51	4600000	2700000
47.3265808	14.351984560	0.40	0.10	-1.01	0.28	0.29	0.49	4650000	2700000
47.2981503	15.011720420	0.40	0.34	-1.13	0.30	0.30	0.51	4700000	2700000
47.2657227	15.670756580	0.39	0.63	-1.12	0.27	0.27	0.46	4750000	2700000
47.2293052	16.329003140	0.35	0.60	-1.05	0.25	0.25	0.44	4800000	2700000
47.1889060	16.986371090	0.23	0.20	-1.02	0.24	0.24	0.42	4850000	2700000
47.1445341	17.642772390	0.10	0.05	-0.90	0.26	0.26	0.43	4900000	2700000
47.0961992	18.298120050	-0.04	0.19	-0.71	0.25	0.25	0.42	4950000	2700000
47.0439121	18.952328280	-0.07	0.26	-0.85	0.24	0.24	0.40	5000000	2700000
46.9876842	19.605312490	-0.02	0.10	-1.45	0.25	0.25	0.42	5050000	2700000
46.9275278	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
46.863455870	20.907277340	-0.04	0.13	-2.00	0.24	0.24	0.40	5150000	2700000
46.795482230	21.556095790	-0.35	0.12	-1.30	0.25	0.26	0.45	5200000	2700000
46.723621420	22.203366010	-0.64	-0.23	-0.63	0.26	0.27	0.47	5250000	2700000
46.647888720	22.849010860	-0.70	-0.53	-0.69	0.27	0.27	0.46	5300000	2700000
46.568300080	23.492954860	-0.75	-0.54	-1.02	0.30	0.30	0.51	5350000	2700000
46.484872150	24.135124310	-0.88	-0.45	-1.37	0.29	0.29	0.48	5400000	2700000
46.397622240	24.775447290	-0.97	-0.44	-1.47	0.27	0.27	0.45	5450000	2700000
46.306568280	25.413853790	-0.92	-0.50	-1.30	0.24	0.24	0.43	5500000	2700000
46.211728820	26.050275680	-0.82	-0.63	-1.07	0.28	0.28	0.49	5550000	2700000
46.113123020	26.684646820	-0.72	-0.53	-1.00	0.28	0.28	0.48	5600000	2700000
46.010770590	27.316903040	-0.48	-0.41	-1.09	0.26	0.26	0.44	5650000	2700000
45.904691760	27.946982250	-0.08	-0.68	-1.21	0.20	0.20	0.35	5700000	2700000
45.794907320	28.574824400	-0.22	-0.82	-1.25	0.29	0.29	0.49	5750000	2700000
45.681438520	29.200371560	-0.65	-0.74	-1.40	0.27	0.27	0.47	5800000	2700000
45.564307100	29.823567920	-0.94	-0.46	-1.47	0.31	0.31	0.54	5850000	2700000
45.443535210	30.444359810	-0.85	-0.33	-1.28	0.37	0.37	0.65	5900000	2700000
42.856536480	40.588485630	0.42	-0.36	-0.20	0.43	0.43	0.80	6750000	2700000
42.674381580	41.159295880	0.48	-0.27	-0.09	0.43	0.43	0.79	6800000	2700000
42.489058430	41.727091390	0.57	-0.15	-0.02	0.43	0.43	0.80	6850000	2700000
42.300592920	42.291860500	0.69	-0.02	0.04	0.43	0.43	0.81	6900000	2700000
42.109010910	42.853593400	0.86	0.14	0.09	0.43	0.43	0.81	6950000	2700000
41.914338170	43.412282070	1.10	0.29	0.06	0.43	0.43	0.80	7000000	2700000
41.716600410	43.967920280	1.36	0.43	-0.06	0.43	0.43	0.81	7050000	2700000
41.515823240	44.520503520	1.59	0.53	-0.20	0.43	0.43	0.81	7100000	2700000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
41.312032160	45.070028970	1.66	0.56	-0.33	0.43	0.43	0.82	7150000	2700000
46.217490520	-2.639259484	0.01	-0.18	-1.44	0.39	0.39	0.70	3350000	2650000
46.291886050	-1.998497651	0.01	-0.22	-1.47	0.32	0.32	0.56	3400000	2650000
46.362441930	-1.356174488	0.04	-0.20	-1.33	0.23	0.23	0.40	3450000	2650000
46.429143510	-0.712365118	0.03	-0.16	-1.06	0.27	0.27	0.45	3500000	2650000
46.491976870	-0.067146199	-0.02	-0.23	-1.02	0.24	0.24	0.41	3550000	2650000
46.550928780	0.579404140	-0.01	-0.25	-1.13	0.24	0.24	0.42	3600000	2650000
46.605986760	1.227206369	0.08	-0.23	-1.16	0.27	0.27	0.47	3650000	2650000
46.657139100	1.876179632	0.09	-0.22	-1.09	0.28	0.28	0.49	3700000	2650000
46.704374850	2.526241825	0.03	-0.21	-1.01	0.26	0.26	0.46	3750000	2650000
46.747683850	3.177309673	0.00	-0.17	-1.01	0.26	0.26	0.46	3800000	2650000
46.787056730	3.829298816	0.01	-0.13	-1.13	0.26	0.26	0.45	3850000	2650000
46.822484970	4.482123895	0.00	-0.07	-1.19	0.27	0.27	0.46	3900000	2650000
46.853960830	5.135698637	-0.05	-0.01	-1.08	0.25	0.25	0.44	3950000	2650000
46.881477440	5.789935947	-0.01	-0.07	-0.77	0.26	0.26	0.45	4000000	2650000
46.905028760	6.444748003	0.06	-0.23	-0.34	0.22	0.22	0.39	4050000	2650000
46.924609630	7.100046347	0.13	-0.21	0.04	0.25	0.25	0.44	4100000	2650000
46.940215730	7.755741984	0.21	-0.06	0.31	0.27	0.27	0.46	4150000	2650000
46.951843610	8.411745475	0.31	-0.02	0.52	0.30	0.30	0.50	4200000	2650000
46.959490700	9.067967041	0.40	-0.16	0.76	0.28	0.28	0.48	4250000	2650000
46.963155320	9.724316661	0.40	-0.25	0.99	0.25	0.25	0.43	4300000	2650000
46.962836640	10.380704170	0.37	-0.11	0.95	0.26	0.26	0.45	4350000	2650000
46.958534750	11.037039360	0.39	0.02	0.57	0.28	0.28	0.48	4400000	2650000
46.950250600	11.693232070	0.37	-0.03	0.21	0.27	0.28	0.46	4450000	2650000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
46.9379860	12.349192330	0.28	-0.13	0.01	0.29	0.30	0.50	4500000	2650000
46.9217437	13.004830400	0.33	-0.09	-0.11	0.29	0.29	0.49	4550000	2650000
46.9015272	13.660056910	0.47	0.04	-0.40	0.27	0.27	0.46	4600000	2650000
46.8773411	14.314782940	0.55	0.28	-0.84	0.25	0.26	0.44	4650000	2650000
46.8491905	14.968920120	0.54	0.56	-1.03	0.27	0.28	0.46	4700000	2650000
46.8170818	15.622380750	0.49	0.73	-1.01	0.26	0.26	0.43	4750000	2650000
46.7810219	16.275077850	0.38	0.55	-0.92	0.25	0.25	0.44	4800000	2650000
46.7410186	16.926925300	0.25	0.18	-0.96	0.25	0.25	0.42	4850000	2650000
46.6970807	17.577837880	0.23	0.18	-0.99	0.26	0.26	0.44	4900000	2650000
46.6492176	18.227731410	0.24	0.31	-0.92	0.29	0.29	0.47	4950000	2650000
46.5974396	18.876522800	0.28	0.30	-1.01	0.23	0.23	0.39	5000000	2650000
46.5417578	19.524130120	0.12	0.15	-1.50	0.29	0.29	0.48	5050000	2650000
46.4821840	20.170472740	0.05	0.06	-2.16	0.27	0.28	0.45	5100000	2650000
46.4187308	20.815471350	-0.06	0.04	-2.31	0.26	0.26	0.43	5150000	2650000
46.3514116	21.459048040	-0.38	-0.05	-1.60	0.26	0.26	0.43	5200000	2650000
46.2802404	22.101126400	-0.79	-0.24	-0.52	0.27	0.27	0.45	5250000	2650000
46.2052319	22.741631550	-0.88	-0.35	-0.34	0.27	0.27	0.46	5300000	2650000
46.1264016	23.380490250	-0.73	-0.42	-0.92	0.25	0.25	0.44	5350000	2650000
46.0437656	24.017630900	-0.71	-0.47	-1.42	0.26	0.26	0.44	5400000	2650000
45.9573406	24.652983650	-0.83	-0.52	-1.40	0.27	0.27	0.44	5450000	2650000
45.8671440	25.286480410	-0.87	-0.51	-1.17	0.27	0.27	0.47	5500000	2650000
45.7731937	25.918054920	-0.69	-0.41	-1.21	0.28	0.28	0.49	5550000	2650000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
45.469008820	27.800610710	-0.38	-0.45	-1.20	0.31	0.31	0.52	5700000	2650000
45.360234450	28.423871650	-0.41	-0.66	-1.12	0.29	0.29	0.50	5750000	2650000
45.247804300	29.044907850	-0.58	-0.60	-1.51	0.22	0.22	0.40	5800000	2650000
45.131739430	29.663664800	-0.98	-0.23	-2.08	0.19	0.19	0.40	5850000	2650000
45.012061300	30.280090050	-0.71	-0.31	-1.66	0.36	0.36	0.65	5900000	2650000
42.266435050	40.929696310	0.67	-0.25	-0.31	0.43	0.43	0.81	6800000	2650000
42.082587110	41.494617890	0.80	-0.13	-0.17	0.43	0.43	0.80	6850000	2650000
41.895609880	42.056591920	0.98	0.03	0.03	0.42	0.42	0.79	6900000	2650000
41.705528550	42.615608130	1.25	0.24	0.24	0.41	0.40	0.76	6950000	2650000
41.512368260	43.171658030	1.65	0.48	0.28	0.40	0.39	0.73	7000000	2650000
41.316154060	43.724734840	2.13	0.71	0.07	0.41	0.40	0.74	7050000	2650000
41.116910930	44.274833470	2.56	0.88	-0.13	0.41	0.41	0.75	7100000	2650000
40.914663750	44.821950470	2.78	0.95	-0.27	0.41	0.41	0.76	7150000	2650000
40.709437270	45.366083980	2.44	0.86	-0.40	0.42	0.42	0.79	7200000	2650000
40.501256090	45.907233750	1.78	0.67	-0.51	0.43	0.43	0.82	7250000	2650000
40.290144680	46.445401010	1.19	0.47	-0.58	0.44	0.44	0.85	7300000	2650000
38.615271910	-29.267109630	0.49	-3.44	-1.71	0.44	0.44	0.83	1050000	2600000
38.841434030	-28.748031870	0.29	-2.68	-1.99	0.44	0.44	0.81	1100000	2600000
39.064810140	-28.226074870	0.09	-2.10	-2.32	0.42	0.42	0.77	1150000	2600000
39.285377450	-27.701230130	-0.05	-1.70	-2.56	0.41	0.41	0.73	1200000	2600000
45.848137100	-1.899232383	0.00	-0.22	-1.39	0.35	0.35	0.61	3400000	2600000
45.918023820	-1.262004980	-0.02	-0.24	-1.33	0.24	0.24	0.41	3450000	2600000
45.984090780	-0.623338921	-0.05	-0.19	-1.06	0.25	0.25	0.42	3500000	2600000
46.046324520	0.016691434	-0.08	-0.28	-0.99	0.26	0.26	0.45	3550000	2600000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
46.104712250	0.658010328	-0.05	-0.32	-1.07	0.25	0.26	0.44	3600000	2600000
46.159241930	1.300540671	0.03	-0.26	-1.13	0.25	0.25	0.44	3650000	2600000
46.209902220	1.944204111	0.05	-0.21	-1.10	0.25	0.25	0.44	3700000	2600000
46.256682550	2.588921112	0.00	-0.15	-1.00	0.27	0.27	0.47	3750000	2600000
46.299573110	3.234611023	0.00	-0.10	-1.03	0.25	0.25	0.44	3800000	2600000
46.338564840	3.881192167	0.04	-0.05	-1.25	0.26	0.26	0.45	3850000	2600000
46.373649510	4.528581912	0.02	0.00	-1.36	0.27	0.27	0.46	3900000	2600000
46.404819660	5.176696762	0.00	0.01	-1.19	0.26	0.26	0.46	3950000	2600000
46.432068640	5.825452441	0.08	-0.13	-0.69	0.25	0.25	0.44	4000000	2600000
46.455390630	6.474763982	0.15	-0.34	0.00	0.25	0.25	0.44	4050000	2600000
46.474780630	7.124545812	0.11	-0.36	0.62	0.26	0.26	0.43	4100000	2600000
46.490234480	7.774711851	0.11	-0.26	0.89	0.28	0.28	0.47	4150000	2600000
46.501748850	8.425175600	0.20	-0.24	0.97	0.30	0.31	0.51	4200000	2600000
46.509321260	9.075850232	0.33	-0.32	1.05	0.27	0.27	0.47	4250000	2600000
46.512950080	9.726648692	0.36	-0.35	1.05	0.26	0.26	0.45	4300000	2600000
46.512634520	10.377483790	0.38	-0.21	0.86	0.26	0.27	0.45	4350000	2600000
46.508374650	11.028268290	0.45	-0.06	0.52	0.24	0.25	0.41	4400000	2600000
46.500171400	11.678915030	0.45	-0.07	0.15	0.22	0.23	0.38	4450000	2600000
46.488026520	12.329336970	0.45	-0.19	-0.07	0.22	0.22	0.38	4500000	2600000
46.471942650	12.979447340	0.69	-0.22	-0.08	0.21	0.21	0.37	4550000	2600000
46.451923220	13.629159700	0.96	-0.06	-0.24	0.23	0.23	0.39	4600000	2600000
46.427972560	14.278388040	0.96	0.22	-0.61	0.26	0.26	0.45	4650000	2600000
46.400095780	14.927046880	0.87	0.48	-0.85	0.30	0.30	0.47	4700000	2600000
46.368298840	15.575051350	0.79	0.55	-0.93	0.31	0.31	0.48	4750000	2600000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
46.332588520	16.222317310	0.67	0.50	-0.88	0.28	0.28	0.46	4800000	2600000
46.292972390	16.868761390	0.56	0.51	-0.86	0.26	0.26	0.44	4850000	2600000
46.249458850	17.514301100	0.52	0.64	-0.91	0.27	0.27	0.45	4900000	2600000
46.202057040	18.158854920	0.46	0.53	-0.92	0.29	0.29	0.48	4950000	2600000
46.150776920	18.802342380	0.38	0.35	-0.99	0.26	0.26	0.42	5000000	2600000
46.095629170	19.444684120	0.11	0.25	-1.38	0.26	0.26	0.42	5050000	2600000
46.036625250	20.085802000	-0.11	0.15	-2.05	0.26	0.26	0.43	5100000	2600000
45.973777320	20.725619120	-0.31	-0.04	-2.27	0.27	0.27	0.46	5150000	2600000
45.907098270	21.364059950	-0.54	-0.35	-1.81	0.25	0.25	0.45	5200000	2600000
45.836601690	22.001050370	-0.94	-0.36	-0.65	0.25	0.25	0.46	5250000	2600000
45.762301830	22.636517710	-1.05	-0.30	-0.29	0.28	0.28	0.49	5300000	2600000
45.684213630	23.270390840	-0.94	-0.38	-0.67	0.28	0.28	0.50	5350000	2600000
45.602352650	23.902600250	-0.83	-0.56	-1.16	0.28	0.28	0.48	5400000	2600000
45.516735060	24.533078030	-0.93	-0.63	-1.14	0.30	0.30	0.51	5450000	2600000
45.427377670	25.161758010	-1.01	-0.57	-0.95	0.29	0.29	0.51	5500000	2600000
45.334297840	25.788575710	-0.76	-0.42	-1.21	0.27	0.27	0.49	5550000	2600000
45.237513500	26.413468470	-0.57	-0.31	-1.45	0.33	0.33	0.56	5600000	2600000
45.137043110	27.036375450	-0.58	-0.24	-1.38	0.33	0.33	0.55	5650000	2600000
45.032905650	27.657237650	-0.73	-0.27	-1.12	0.27	0.27	0.46	5700000	2600000
44.925120600	28.275997960	-0.75	-0.36	-0.97	0.30	0.30	0.51	5750000	2600000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
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	-0.536192112	-0.16	-0.18	-1.24	0.23	0.23	0.41	3500000	2550000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
45.9246670	4.5740	-0.09	-0.05	-1.35	0.24	0.24	0.42	390000	255000
30	43616							0	0
45.9555382	5.2168	-0.07	-0.10	-1.06	0.26	0.26	0.46	395000	255000
40	14549							0	0
45.9825255	5.8602	0.01	-0.24	-0.42	0.25	0.25	0.44	400000	255000
30	05456							0	0
46.0056232	6.5041	0.02	-0.40	0.37	0.25	0.25	0.44	405000	255000
80	34109							0	0
46.0248266	7.1485	-0.09	-0.47	0.96	0.24	0.24	0.40	410000	255000
70	17708							0	0
46.0401316	7.7932	-0.10	-0.42	1.04	0.28	0.28	0.45	415000	255000
60	72966							0	0
46.0515350	8.4383	0.04	-0.42	0.94	0.24	0.24	0.41	420000	255000
50	16203							0	0
46.0590344	9.0835	0.21	-0.39	0.69	0.24	0.24	0.41	425000	255000
40	63427							0	0
46.0626282	9.7289	0.28	-0.29	0.33	0.25	0.25	0.43	430000	255000
60	30427							0	0
46.0623157	10.374	0.35	-0.19	0.07	0.25	0.25	0.44	435000	255000
40	332870							0	0
46.0580969	11.019	0.55	-0.12	0.04	0.24	0.25	0.41	440000	255000
60	686370							0	0
46.0499728	11.664	0.83	-0.11	-0.02	0.24	0.24	0.39	445000	255000
00	906610							0	0
46.0379449	12.309	1.28	-0.23	-0.47	0.20	0.21	0.35	450000	255000
70	909410							0	0
46.0220160	12.954	1.87	-0.46	-0.98	0.23	0.24	0.40	455000	255000
00	610810							0	0
46.0021892	13.598	2.08	-0.45	-1.04	0.23	0.23	0.40	460000	255000
30	927210							0	0
45.9784688	14.242	1.64	-0.10	-0.90	0.28	0.29	0.50	465000	255000
10	775370							0	0
45.9508596	14.886	1.44	0.15	-0.88	0.31	0.31	0.52	470000	255000
90	072590							0	0
45.9193676	15.528	1.32	0.42	-1.05	0.35	0.35	0.59	475000	255000
30	736740							0	0
45.8839991	16.170	1.21	0.63	-1.07	0.34	0.34	0.57	480000	255000
80	686360							0	0
45.8447616	16.811	1.07	0.87	-0.93	0.25	0.25	0.44	485000	255000
50	840750							0	0
45.8016631	17.452	0.82	0.92	-0.85	0.24	0.24	0.40	490000	255000
50	120040							0	0
45.7547125	18.091	0.61	0.62	-0.93	0.24	0.24	0.40	495000	255000
20	445270							0	0
45.7039193	18.729	0.32	0.34	-1.06	0.23	0.23	0.38	500000	255000
80	738490							0	0
45.6492940	19.366	0.02	0.39	-1.38	0.29	0.29	0.48	505000	255000
60	922810							0	0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
41.447725770	40.482906400	1.39	-0.46	-0.80	0.38	0.38	0.72	6800000	2550000
41.266753190	41.042154090	1.54	-0.29	-0.54	0.39	0.39	0.73	6850000	2550000
41.082677550	41.598605310	1.84	0.01	-0.11	0.38	0.38	0.70	6900000	2550000
40.895522790	42.152249050	2.44	0.36	0.32	0.35	0.35	0.65	6950000	2550000
40.705312770	42.703075990	3.33	0.88	0.43	0.30	0.30	0.52	7000000	2550000
40.512071340	43.251078420	4.15	1.45	0.16	0.24	0.23	0.39	7050000	2550000
40.315822230	43.796250210	4.66	1.82	-0.10	0.29	0.29	0.54	7100000	2550000
40.116589140	44.338586800	5.79	2.29	-0.28	0.25	0.25	0.50	7150000	2550000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
39.914395620	44.878085150	4.65	1.96	-0.48	0.36	0.36	0.66	7200000	2550000
39.709265130	45.414743710	3.04	1.35	-0.59	0.41	0.42	0.77	7250000	2550000
39.501220990	45.948562400	1.85	0.83	-0.62	0.44	0.44	0.83	7300000	2550000
37.841936460	-28.756047550	0.13	-1.61	-1.76	0.44	0.44	0.84	1050000	2500000
38.065001510	-28.240518430	0.02	-1.62	-2.17	0.43	0.43	0.80	1100000	2500000
38.285291310	-27.722240740	-0.13	-1.77	-2.75	0.40	0.40	0.70	1150000	2500000
38.502784050	-27.201207530	-0.32	-2.10	-3.48	0.29	0.29	0.48	1200000	2500000
38.717457730	-26.677413100	-0.28	-1.89	-3.24	0.34	0.34	0.58	1250000	2500000
43.961890140	-8.499978573	0.11	-0.21	-1.05	0.37	0.37	0.66	2850000	2500000
44.070758960	-7.891685370	0.06	-0.22	-0.75	0.35	0.36	0.63	2900000	2500000
44.176052040	-7.281371447	0.12	-0.23	-0.66	0.38	0.38	0.68	2950000	2500000
44.959862630	-1.706893822	0.02	-0.24	-1.25	0.34	0.35	0.60	3400000	2500000
45.028453790	-1.079556301	-0.01	-0.25	-1.34	0.24	0.24	0.44	3450000	2500000
45.093292220	-0.450869717	-0.11	-0.18	-1.38	0.24	0.25	0.42	3500000	2500000
45.154365330	0.179095926	-0.13	-0.29	-1.39	0.24	0.24	0.43	3550000	2500000
45.211661180	0.810269358	-0.14	-0.24	-1.28	0.28	0.28	0.49	3600000	2500000
45.265168480	1.442578104	-0.13	-0.10	-1.14	0.25	0.25	0.45	3650000	2500000
45.314876670	2.075948546	-0.06	-0.01	-1.08	0.25	0.25	0.45	3700000	2500000
45.360775860	2.710305993	-0.07	-0.05	-1.08	0.25	0.25	0.44	3750000	2500000
45.402856890	3.345574751	-0.11	-0.12	-1.13	0.26	0.26	0.45	3800000	2500000
45.441111300	3.981678193	-0.13	-0.13	-1.21	0.26	0.26	0.44	3850000	2500000
45.475531400	4.618538832	-0.12	-0.15	-1.20	0.26	0.26	0.45	3900000	2500000
45.506110240	5.256078400	-0.13	-0.23	-0.84	0.27	0.27	0.46	3950000	2500000
45.532841600	5.894217926	-0.15	-0.34	-0.13	0.24	0.24	0.42	4000000	2500000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
45.5557200 50	6.5328 77814	-0.22	-0.37	0.52	0.26	0.26	0.45	405000 0	250000 0
45.5747409 40	7.1719 77922	-0.33	-0.39	0.78	0.25	0.25	0.42	410000 0	250000 0
45.5899003 60	7.8114 37649	-0.26	-0.42	0.55	0.25	0.25	0.42	415000 0	250000 0
45.6011952 20	8.4511 76018	0.01	-0.44	0.22	0.24	0.24	0.41	420000 0	250000 0
45.6086232 10	9.0911 11756	0.29	-0.28	-0.22	0.23	0.24	0.40	425000 0	250000 0
45.6121828 00	9.7311 63385	0.39	-0.09	-0.73	0.21	0.22	0.38	430000 0	250000 0
45.6118732 60	10.371 249300	0.57	-0.09	-0.90	0.25	0.25	0.43	435000 0	250000 0
45.6076946 60	11.011 287870	0.84	-0.18	-0.76	0.22	0.22	0.37	440000 0	250000 0
45.5996478 50	11.651 197500	1.15	-0.17	-0.76	0.22	0.23	0.38	445000 0	250000 0
45.5877344 80	12.290 896740	1.64	-0.27	-1.66	0.21	0.21	0.36	450000 0	250000 0
45.5719569 90	12.930 304360	2.17	-0.40	-2.15	0.27	0.27	0.45	455000 0	250000 0
45.5523186 20	13.569 339440	2.31	-0.39	-2.02	0.24	0.26	0.45	460000 0	250000 0
45.5288233 70	14.207 921440	1.97	-0.13	-1.51	0.28	0.31	0.54	465000 0	250000 0
45.5014760 20	14.845 970310	1.83	0.15	-1.30	0.34	0.35	0.62	470000 0	250000 0
45.4702821 50	15.483 406540	1.89	0.47	-1.40	0.35	0.35	0.65	475000 0	250000 0
45.4352480 70	16.120 151260	1.88	0.78	-1.49	0.35	0.34	0.64	480000 0	250000 0
45.3963808 60	16.756 126340	1.59	0.90	-1.37	0.34	0.34	0.60	485000 0	250000 0
45.3536883 40	17.391 254420	1.19	0.85	-1.23	0.30	0.29	0.52	490000 0	250000 0
45.3071790 80	18.025 459000	0.89	0.71	-1.36	0.30	0.29	0.51	495000 0	250000 0
45.2568623 50	18.658 664570	0.59	0.63	-1.60	0.30	0.30	0.51	500000 0	250000 0
45.2027481 50	19.290 796580	0.17	0.73	-1.72	0.26	0.26	0.46	505000 0	250000 0
45.1448471 70	19.921 781610	-0.28	0.69	-1.70	0.27	0.27	0.45	510000 0	250000 0
45.0831707 80	20.551 547360	-0.59	0.40	-1.65	0.27	0.27	0.46	515000 0	250000 0
45.0177310 50	21.180 022760	-0.78	0.13	-1.43	0.27	0.27	0.47	520000 0	250000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
44.9485406	21.807138020	-1.06	-0.07	-1.01	0.29	0.29	0.49	5250000	2500000
44.8756129	22.432824690	-1.43	-0.61	-0.80	0.31	0.31	0.53	5300000	2500000
44.7989619	23.057015680	-1.56	-0.98	-0.88	0.29	0.29	0.50	5350000	2500000
44.7186021	23.679645380	-1.42	-0.92	-1.01	0.30	0.30	0.52	5400000	2500000
44.6345486	24.300649660	-1.41	-0.67	-0.76	0.28	0.29	0.48	5450000	2500000
44.5468173	24.919965930	-1.47	-0.62	-0.38	0.27	0.28	0.47	5500000	2500000
44.4554243	25.537533180	-1.17	-0.70	-0.68	0.28	0.29	0.49	5550000	2500000
44.3603865	26.153292020	-0.80	-0.70	-1.23	0.22	0.23	0.42	5600000	2500000
44.2617212	26.767184740	-0.67	-0.27	-1.36	0.25	0.25	0.43	5650000	2500000
44.1594462	27.379155310	-0.88	-0.16	-1.06	0.21	0.21	0.36	5700000	2500000
44.0535797	27.989149420	-0.89	-0.23	-0.85	0.29	0.29	0.49	5750000	2500000
43.9441405	28.597114530	-0.49	-0.45	-1.09	0.21	0.21	0.41	5800000	2500000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
39.913679120	43.563154950	4.30	1.70	0.15	0.32	0.31	0.55	7100000	2500000
39.715917040	44.103121240	5.18	2.57	-0.39	0.32	0.31	0.58	7150000	2500000
39.515204130	44.640319150	5.11	2.57	-0.70	0.35	0.35	0.65	7200000	2500000
39.311563300	45.174746580	3.30	1.59	-0.66	0.41	0.41	0.75	7250000	2500000
39.105017310	45.706402830	1.96	0.92	-0.63	0.43	0.44	0.81	7300000	2500000
43.299865370	-9.559374859	0.09	-0.24	-1.12	0.41	0.41	0.74	2750000	2450000
43.414823080	-8.959368179	0.19	-0.30	-1.33	0.35	0.36	0.63	2800000	2450000
43.526269350	-8.357303188	0.28	-0.31	-1.48	0.21	0.26	0.43	2850000	2450000
43.634185280	-7.753228023	0.05	-0.28	-0.69	0.20	0.22	0.39	2900000	2450000
43.738552370	-7.147192537	0.19	-0.36	-0.64	0.30	0.30	0.50	2950000	2450000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
45.161606660	9.733349020	0.66	0.05	-1.05	0.25	0.26	0.44	4300000	2450000
45.161300030	10.368231080	1.05	0.07	-1.29	0.26	0.26	0.44	4350000	2450000
45.157160720	11.003067320	1.51	0.01	-1.47	0.23	0.23	0.39	4400000	2450000
45.149189560	11.637778770	1.60	0.06	-1.96	0.25	0.25	0.42	4450000	2450000
45.137388140	12.272286610	1.62	0.05	-2.79	0.24	0.25	0.43	4500000	2450000
45.121758820	12.906512200	1.97	0.02	-2.67	0.32	0.32	0.55	4550000	2450000
45.102304720	13.540377220	2.07	0.05	-2.34	0.31	0.32	0.56	4600000	2450000
45.079029720	14.173803720	2.05	0.13	-1.81	0.36	0.37	0.64	4650000	2450000
45.051938440	14.806714170	2.06	0.29	-1.55	0.38	0.38	0.68	4700000	2450000
45.021036260	15.439031610	2.23	0.56	-1.62	0.37	0.36	0.67	4750000	2450000
44.986329280	16.070679650	2.38	0.87	-1.79	0.34	0.33	0.66	4800000	2450000
44.947824350	16.701582620	2.08	0.99	-1.77	0.35	0.35	0.65	4850000	2450000
44.905529030	17.331665570	1.64	0.96	-1.79	0.35	0.35	0.63	4900000	2450000
44.859451600	17.960854400	1.36	0.95	-2.07	0.33	0.32	0.60	4950000	2450000
44.809601020	18.589075890	1.16	1.02	-2.39	0.31	0.30	0.57	5000000	2450000
44.755986960	19.216257800	0.73	1.10	-2.27	0.28	0.28	0.49	5050000	2450000
44.698619770	19.842328930	0.12	1.00	-1.88	0.25	0.25	0.43	5100000	2450000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
44.6375104	20.467219160	-0.42	0.75	-1.40	0.25	0.25	0.43	5150000	2450000
44.5726706	21.090859520	-0.76	0.70	-0.98	0.27	0.27	0.46	5200000	2450000
44.5041126	21.713182290	-1.12	0.41	-0.70	0.28	0.28	0.47	5250000	2450000
44.4318493	22.334121000	-1.61	-0.35	-0.67	0.27	0.27	0.46	5300000	2450000
44.3558942	22.953610490	-1.79	-0.86	-0.91	0.28	0.28	0.47	5350000	2450000
44.2762615	23.571587020	-1.62	-0.84	-1.11	0.26	0.26	0.44	5400000	2450000
44.1929657	24.187988230	-1.38	-0.47	-0.81	0.28	0.28	0.47	5450000	2450000
44.1060222	24.802753260	-1.24	-0.40	-0.50	0.29	0.29	0.49	5500000	2450000
44.0154466	25.415822750	-1.14	-0.51	-0.55	0.25	0.25	0.43	5550000	2450000
43.9212552	26.027138890	-1.08	-0.37	-0.82	0.23	0.23	0.40	5600000	2450000
43.8234649	26.636645460	-1.00	-0.27	-0.89	0.26	0.26	0.45	5650000	2450000
43.7220928	27.244287840	-0.94	-0.34	-0.79	0.29	0.29	0.49	5700000	2450000
43.6171567	27.850013100	-0.70	-0.20	-0.79	0.23	0.23	0.42	5750000	2450000
43.5086747	28.453769940	-0.66	-0.20	-0.95	0.23	0.23	0.43	5800000	2450000
43.3966653	29.055508790	-0.52	-0.35	-1.02	0.36	0.36	0.65	5850000	2450000
42.5154716	33.207377410	0.48	-0.55	-1.10	0.40	0.40	0.72	6200000	2450000
42.3759551	33.791396910	0.63	-0.71	-1.34	0.39	0.38	0.71	6250000	2450000
42.2330938	34.373031150	0.65	-0.80	-1.65	0.37	0.37	0.66	6300000	2450000
42.0869093	34.952248240	0.78	-0.77	-2.10	0.25	0.25	0.43	6350000	2450000
41.9374234	35.529018020	0.77	-1.08	-1.88	0.31	0.31	0.53	6400000	2450000
41.7846582	36.103312140	0.65	-1.11	-1.42	0.37	0.37	0.67	6450000	2450000
41.6286356	36.675104000	0.64	-0.82	-1.15	0.39	0.38	0.71	6500000	2450000
41.4693781	37.244368710	0.81	-0.71	-0.99	0.41	0.41	0.73	6550000	2450000
41.3069080	37.811083150	1.18	-0.73	-0.88	0.38	0.38	0.68	6600000	2450000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
41.1412479	38.375225900	1.77	-0.87	-0.83	0.29	0.29	0.50	6650000	2450000
40.9724202	38.936777230	1.75	-0.78	-0.76	0.33	0.33	0.58	6700000	2450000
40.8004478	39.495719100	1.74	-0.69	-0.73	0.30	0.30	0.57	6750000	2450000
40.6253531	40.052035120	1.77	-0.59	-0.63	0.31	0.31	0.60	6800000	2450000
40.4471590	40.605710530	1.99	-0.42	-0.27	0.34	0.34	0.62	6850000	2450000
40.2658881	41.156732190	2.69	-0.31	0.29	0.31	0.31	0.55	6900000	2450000
40.0815632	41.705088530	3.85	-0.10	0.54	0.30	0.30	0.54	6950000	2450000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
43.496923930	-5.806517087	0.51	-0.26	-0.68	0.17	0.17	0.29	3050000	2400000
43.589713170	-5.199287565	0.32	-0.04	-0.81	0.27	0.27	0.45	3100000	2400000
43.678912660	-4.590366632	0.17	-0.08	-1.11	0.32	0.32	0.53	3150000	2400000
43.764506700	-3.979810808	0.08	-0.14	-1.41	0.32	0.32	0.55	3200000	2400000
43.846480130	-3.367678087	0.01	-0.19	-1.44	0.35	0.35	0.60	3250000	2400000
43.924818290	-2.754027899	-0.02	-0.20	-1.33	0.38	0.38	0.65	3300000	2400000
43.999507070	-2.138921071	-0.02	-0.18	-1.19	0.37	0.37	0.62	3350000	2400000
44.070532910	-1.522419783	-0.05	-0.18	-0.96	0.30	0.30	0.51	3400000	2400000
44.137882830	-0.904587519	-0.07	-0.12	-0.88	0.25	0.25	0.43	3450000	2400000
44.201544430	-0.285489019	-0.02	-0.08	-1.14	0.26	0.26	0.45	3500000	2400000
44.261505920	0.334809770	-0.02	-0.13	-1.41	0.26	0.26	0.46	3550000	2400000
44.317756140	0.956241752	-0.08	-0.09	-1.47	0.27	0.27	0.47	3600000	2400000
44.370284530	1.578738736	-0.05	-0.08	-1.39	0.28	0.28	0.48	3650000	2400000
44.419081200	2.202231499	0.03	-0.19	-1.24	0.29	0.29	0.50	3700000	2400000
44.464136900	2.826649843	0.05	-0.31	-1.07	0.27	0.27	0.47	3750000	2400000
44.505443080	3.451922658	-0.01	-0.27	-0.96	0.27	0.27	0.46	3800000	2400000
44.542991840	4.077977992	-0.04	-0.15	-0.94	0.28	0.28	0.47	3850000	2400000
44.576775970	4.704743118	-0.05	-0.16	-0.96	0.27	0.27	0.47	3900000	2400000
44.606788980	5.332144595	-0.11	-0.28	-0.73	0.27	0.27	0.48	3950000	2400000
44.633025080	5.960108352	-0.22	-0.33	-0.25	0.27	0.27	0.49	4000000	2400000
44.655479170	6.588559747	-0.26	-0.18	0.13	0.23	0.23	0.45	4050000	2400000
44.674146910	7.217423650	-0.22	0.03	0.01	0.27	0.27	0.48	4100000	2400000
44.689024670	7.846624514	-0.08	0.09	-0.31	0.25	0.25	0.43	4150000	2400000
44.700109550	8.476086449	0.16	-0.02	-0.57	0.25	0.26	0.43	4200000	2400000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
44.7073993	9.105733302	0.35	-0.03	-0.74	0.24	0.25	0.42	4250000	2400000
44.7108927	9.735488731	0.64	0.12	-1.00	0.27	0.28	0.47	4300000	2400000
44.7105889	10.365276280	1.35	0.28	-1.18	0.23	0.24	0.41	4350000	2400000
44.7064881	10.995019480	2.17	0.35	-1.45	0.25	0.26	0.43	4400000	2400000
44.6985909	11.624641870	2.46	0.46	-2.18	0.23	0.23	0.39	4450000	2400000
44.6868990	12.254067140	2.11	0.50	-2.97	0.24	0.25	0.44	4500000	2400000
44.6714146	12.883219190	2.24	0.46	-2.43	0.34	0.34	0.59	4550000	2400000
44.6521408	13.512022150	2.29	0.43	-1.94	0.37	0.38	0.65	4600000	2400000
44.6290813	14.140400560	2.26	0.40	-1.58	0.39	0.39	0.67	4650000	2400000
44.6022405	14.768279360	2.30	0.41	-1.44	0.37	0.37	0.65	4700000	2400000
44.5716237	15.395583980	2.39	0.51	-1.49	0.36	0.35	0.62	4750000	2400000
44.5372368	16.022240460	2.35	0.74	-1.63	0.37	0.37	0.66	4800000	2400000
44.4990864	16.648175460	2.24	0.98	-1.80	0.37	0.37	0.68	4850000	2400000
44.4571797	17.273316370	2.04	1.15	-2.04	0.35	0.34	0.64	4900000	2400000
44.4115248	17.897591380	1.67	1.13	-2.36	0.31	0.31	0.60	4950000	2400000
44.3621305	18.520929510	1.48	1.18	-2.63	0.28	0.28	0.56	5000000	2400000
44.3090059	19.143260720	1.03	1.04	-2.37	0.29	0.29	0.53	5050000	2400000
44.2521612	19.764515940	0.44	0.90	-1.90	0.24	0.24	0.43	5100000	2400000
44.1916069	20.384627170	-0.25	0.96	-1.16	0.26	0.26	0.46	5150000	2400000
44.1273543	21.003527470	-0.73	1.21	-0.47	0.24	0.24	0.43	5200000	2400000
44.0594154	21.621151100	-1.14	0.85	-0.28	0.30	0.30	0.50	5250000	2400000
43.9878026	22.237433500	-1.54	0.28	-0.40	0.25	0.25	0.42	5300000	2400000
43.9125290	22.852311410	-1.85	-0.44	-0.85	0.24	0.24	0.42	5350000	2400000
43.8336083	23.465722860	-1.70	-0.42	-0.95	0.27	0.27	0.48	5400000	2400000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
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
40.035984790	40.393272330	1.87	-0.40	-0.12	0.33	0.33	0.61	6850000	2400000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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	-6.287275223	-0.16	-0.52	-1.01	0.23	0.23	0.38	3000000	2350000
43.056903640	-5.686031974	0.19	-0.46	-0.81	0.23	0.24	0.40	3050000	2350000
43.148884890	-5.083094614	0.31	-0.37	-0.79	0.23	0.23	0.39	3100000	2350000
43.237304520	-4.478516722	0.21	-0.29	-1.12	0.21	0.21	0.36	3150000	2350000
43.322147340	-3.872353320	0.07	-0.32	-1.50	0.20	0.20	0.32	3200000	2350000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
43.403398650	-3.264660842	-0.05	-0.34	-1.49	0.23	0.23	0.39	3250000	2350000
43.481044260	-2.655497091	-0.08	-0.27	-1.38	0.29	0.29	0.48	3300000	2350000
43.555070510	-2.044921204	-0.05	-0.17	-1.28	0.29	0.29	0.48	3350000	2350000
43.625464280	-1.432993611	-0.09	-0.07	-1.02	0.27	0.27	0.45	3400000	2350000
43.692212980	-0.819775985	-0.14	-0.01	-0.81	0.23	0.23	0.40	3450000	2350000
43.755304640	-0.205331199	-0.03	-0.10	-0.96	0.23	0.23	0.40	3500000	2350000
43.814727830	0.410276725	0.01	-0.20	-1.18	0.26	0.26	0.46	3550000	2350000
43.870471750	1.026982669	-0.03	-0.20	-1.31	0.26	0.25	0.45	3600000	2350000
43.922526200	1.644720471	-0.02	-0.22	-1.28	0.28	0.28	0.47	3650000	2350000
43.970881590	2.263422985	-0.01	-0.30	-1.09	0.27	0.27	0.46	3700000	2350000
44.015529000	2.883022134	-0.05	-0.32	-0.85	0.26	0.26	0.45	3750000	2350000
44.056460130	3.503448979	-0.11	-0.22	-0.75	0.25	0.25	0.42	3800000	2350000
44.093667350	4.124633773	-0.12	-0.15	-0.93	0.24	0.24	0.41	3850000	2350000
44.127143700	4.746506031	-0.14	-0.22	-1.06	0.25	0.25	0.44	3900000	2350000
44.156882890	5.368994594	-0.21	-0.29	-0.83	0.27	0.26	0.47	3950000	2350000
44.182879320	5.992027694	-0.23	-0.22	-0.44	0.27	0.26	0.49	4000000	2350000
44.205128080	6.615533029	-0.18	-0.09	-0.31	0.27	0.27	0.49	4050000	2350000
44.223624940	7.239437828	-0.18	0.02	-0.39	0.26	0.26	0.47	4100000	2350000
44.238366420	7.863668921	-0.15	0.05	-0.50	0.24	0.24	0.42	4150000	2350000
44.249349690	8.488152817	-0.04	-0.05	-0.61	0.25	0.26	0.43	4200000	2350000
44.256572680	9.112815771	0.07	-0.08	-0.82	0.24	0.25	0.43	4250000	2350000
44.260034010	9.737583858	0.27	0.09	-1.14	0.23	0.23	0.41	4300000	2350000
44.259733020	10.362383050	1.02	0.29	-1.15	0.24	0.24	0.41	4350000	2350000
44.255669760	10.987139290	2.15	0.39	-0.87	0.25	0.26	0.43	4400000	2350000

#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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	20.917974920	-0.80	1.07	-0.38	0.29	0.29	0.50	5200000	2350000
43.6144459	21.530990330	-1.24	1.00	-0.11	0.27	0.27	0.47	5250000	2350000
43.5434700	22.142705770	-1.49	0.59	-0.45	0.26	0.26	0.45	5300000	2350000
43.4688638	22.753059740	-1.68	0.23	-0.93	0.26	0.27	0.48	5350000	2350000
43.3906403	23.361992030	-1.68	0.06	-0.96	0.25	0.26	0.49	5400000	2350000
43.3088134	23.969443700	-1.52	-0.21	-0.59	0.23	0.23	0.42	5450000	2350000
43.2233973	24.575357180	-1.29	-0.34	-0.78	0.24	0.24	0.42	5500000	2350000
43.1344068	25.179676250	-1.23	0.02	-0.99	0.28	0.28	0.47	5550000	2350000
43.0418571	25.782346110	-1.31	0.14	-0.96	0.26	0.26	0.43	5600000	2350000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
40.307426060	37.976774110	5.54	-12.47	-0.43	0.30	0.44	0.56	6650000	2350000
40.141197780	38.532451430	5.88	-13.14	-0.40	0.29	0.44	0.56	6700000	2350000
39.971854460	39.085654860	5.64	-13.19	-0.55	0.29	0.44	0.58	6750000	2350000
39.799417610	39.636367880	4.85	-12.53	-0.71	0.34	0.46	0.62	6800000	2350000
39.623908770	40.184575510	12.16	-8.73	-0.41	0.39	0.43	0.65	6850000	2350000
39.445349500	40.730264250	12.78	-8.76	0.05	0.40	0.44	0.63	6900000	2350000
39.263761370	41.273422140	13.46	-8.28	0.16	0.42	0.44	0.62	6950000	2350000
39.079165930	41.814038650	14.03	-7.40	0.08	0.42	0.43	0.64	7000000	2350000
38.891584720	42.352104700	14.49	-6.34	0.07	0.40	0.40	0.68	7050000	2350000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
38.7010392 20	42.887 612660	15.13	-5.47	-0.04	0.42	0.40	0.68	710000 0	235000 0
38.5075508 70	43.420 556260	15.90	-4.66	-0.19	0.41	0.37	0.63	715000 0	235000 0
38.3111410 40	43.950 930620	16.99	-4.52	-0.26	0.38	0.29	0.51	720000 0	235000 0
38.1118310 00	44.478 732210	17.28	-5.13	-0.29	0.44	0.35	0.60	725000 0	235000 0
37.9096419 50	45.003 958800	17.06	-5.38	-0.35	0.51	0.40	0.74	730000 0	235000 0
37.7045949 70	45.526 609470	17.30	-5.44	-0.42	0.56	0.43	0.81	735000 0	235000 0
37.4967110 10	46.046 684550	17.75	-5.38	-0.50	0.59	0.44	0.84	740000 0	235000 0
37.1321129 80	-25.733 499710	-0.34	-3.17	-2.12	0.35	0.36	0.61	125000 0	230000 0
37.3381216 70	-25.215 020840	-0.36	-3.38	-2.23	0.30	0.31	0.50	130000 0	230000 0
37.5412980 30	-24.694 027580	-0.21	-2.23	-2.02	0.36	0.37	0.63	135000 0	230000 0
41.9960365 50	-9.1240 17126	-0.01	-0.58	-1.15	0.31	0.32	0.54	275000 0	230000 0
42.1080961 30	-8.5358 89443	0.07	-0.66	-1.24	0.24	0.24	0.40	280000 0	230000 0
42.2167191 50	-7.9458 78839	0.23	-0.54	-1.32	0.22	0.23	0.39	285000 0	230000 0
42.3218883 80	-7.3540 30191	0.12	-0.37	-1.27	0.25	0.26	0.43	290000 0	230000 0
42.4235869 50	-6.7603 89880	-0.17	-0.39	-1.17	0.24	0.25	0.43	295000 0	230000 0
42.5217984 20	-6.1650 05781	-0.19	-0.51	-0.99	0.24	0.24	0.40	300000 0	230000 0
42.6165067 10	-5.5679 27230	0.06	-0.55	-0.87	0.24	0.24	0.39	305000 0	230000 0
42.7076962 10	-4.9692 05005	0.29	-0.50	-0.98	0.29	0.29	0.49	310000 0	230000 0
42.7953517 50	-4.3688 91294	0.33	-0.50	-1.20	0.28	0.28	0.47	315000 0	230000 0
42.8794585 90	-3.7670 39667	0.17	-0.49	-1.31	0.26	0.26	0.43	320000 0	230000 0
42.9600025 10	-3.1637 05040	-0.11	-0.42	-1.21	0.24	0.24	0.39	325000 0	230000 0
43.0369697 60	-2.5589 43640	-0.18	-0.31	-1.18	0.23	0.23	0.38	330000 0	230000 0
43.1103471 10	-1.9528 12970	-0.08	-0.19	-1.19	0.22	0.22	0.36	335000 0	230000 0
43.1801218 50	-1.3453 71762	-0.12	-0.08	-0.94	0.24	0.24	0.40	340000 0	230000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
43.246281810	-0.736679941	-0.20	-0.05	-0.73	0.23	0.23	0.39	3450000	2300000
43.308815370	-0.126798572	-0.12	-0.14	-0.75	0.24	0.24	0.41	3500000	2300000
43.367711500	0.484210180	-0.02	-0.23	-0.85	0.24	0.24	0.42	3550000	2300000
43.422959720	1.096283105	0.02	-0.27	-0.98	0.25	0.25	0.42	3600000	2300000
43.474550170	1.709355999	-0.02	-0.29	-1.06	0.25	0.25	0.42	3650000	2300000
43.522473580	2.323363719	-0.10	-0.26	-0.93	0.26	0.26	0.45	3700000	2300000
43.566721300	2.938240236	-0.18	-0.19	-0.78	0.23	0.23	0.40	3750000	2300000
43.607285320	3.553918695	-0.15	-0.12	-0.97	0.24	0.24	0.40	3800000	2300000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
43.7286939	14.075	3.10	1.08	-0.48	0.35	0.35	0.60	465000	230000
80	655740							0	0
43.7023382	14.693	2.71	0.81	-0.76	0.36	0.37	0.62	470000	230000
80	779330							0	0
43.6722740	15.311	2.54	0.64	-0.94	0.35	0.35	0.60	475000	230000
80	364270							0	0
43.6385069	15.928	2.41	0.62	-1.04	0.35	0.35	0.62	480000	230000
00	341110							0	0
43.6010429	16.544	2.43	0.71	-1.19	0.28	0.28	0.57	485000	230000
30	640970							0	0
43.5598890	17.160	2.30	0.99	-1.67	0.33	0.33	0.63	490000	230000
10	195640							0	0
43.5150526	17.774	2.04	0.89	-1.97	0.34	0.34	0.63	495000	230000
20	937620							0	0
43.4665418	18.388	1.58	0.58	-1.91	0.35	0.35	0.62	500000	230000
90	800190							0	0
43.4143655	19.001	1.06	0.33	-1.60	0.34	0.34	0.60	505000	230000
60	717440							0	0
43.3585329	19.613	0.43	0.07	-1.10	0.21	0.22	0.45	510000	230000
90	624390							0	0
43.2990541	20.224	-0.25	0.58	-0.89	0.27	0.28	0.50	515000	230000
60	456980							0	0
43.2359396	20.834	-0.93	0.84	-0.64	0.28	0.28	0.50	520000	230000
10	152170							0	0
43.1692005	21.442	-1.51	0.68	-0.52	0.27	0.27	0.48	525000	230000
00	647970							0	0
43.0988485	22.049	-1.79	0.43	-0.88	0.27	0.28	0.48	530000	230000
10	883490							0	0
43.0248959	22.655	-1.86	0.48	-1.40	0.24	0.24	0.42	535000	230000
10	798990							0	0
42.9473554	23.260	-1.88	0.29	-1.17	0.26	0.26	0.45	540000	230000
90	335940							0	0
42.8662405	23.863	-1.84	-0.18	-0.63	0.24	0.24	0.42	545000	230000
60	437030							0	0
42.7815649	24.465	-1.71	-0.22	-0.66	0.23	0.23	0.40	550000	230000
60	046240							0	0
42.6933429	25.065	-1.43	0.22	-0.84	0.26	0.26	0.43	555000	230000
90	108880							0	0
42.6015894	25.663	-1.14	0.15	-0.72	0.26	0.26	0.44	560000	230000
40	571590							0	0
42.5063195	26.260	-1.05	-0.23	-0.53	0.27	0.27	0.47	565000	230000
80	382400							0	0
42.4075490	26.855	-0.96	0.03	-0.47	0.29	0.29	0.51	570000	230000
90	490770							0	0
42.3052941	27.448	-1.10	0.13	-0.47	0.23	0.23	0.46	575000	230000
00	847600							0	0
42.1995711	28.040	-1.43	-0.69	-0.54	0.23	0.23	0.56	580000	230000
20	405240							0	0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
42.0903970	28.630117550	-1.22	-0.77	-0.62	0.36	0.36	0.68	5850000	2300000
41.6195413	30.969643930	-0.60	-1.85	-0.82	0.41	0.41	0.74	6050000	2300000
41.4933781	31.549490950	-0.27	-1.81	-0.71	0.40	0.40	0.71	6100000	2300000
41.3638726	32.127248080	0.16	-1.77	-0.62	0.35	0.35	0.60	6150000	2300000
41.2310439	32.702880040	0.56	-2.16	-0.58	0.10	0.10	0.27	6200000	2300000
41.0949114	33.276353150	0.65	-1.72	-0.54	0.34	0.35	0.55	6250000	2300000
40.9554947	33.847635330	1.47	-19.84	-0.50	0.35	0.36	0.55	6300000	2300000
40.8128137	34.416696060	2.54	-19.46	-0.62	0.36	0.36	0.59	6350000	2300000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
37.907673610	43.728832480	17.06	-5.01	-0.17	0.38	0.30	0.54	7200000	2300000
37.709762360	44.254450360	16.90	-5.20	-0.17	0.42	0.33	0.60	7250000	2300000
37.508980990	44.777555470	16.35	-5.19	-0.21	0.46	0.36	0.71	7300000	2300000
37.305350090	45.298146410	16.87	-5.18	-0.35	0.53	0.42	0.79	7350000	2300000
37.098890110	45.816223040	17.48	-5.09	-0.46	0.58	0.44	0.84	7400000	2300000
36.732947190	-25.507115970	-0.40	-2.90	-1.84	0.35	0.37	0.62	1250000	2250000
36.937554680	-24.990636010	-0.55	-3.72	-1.95	0.23	0.27	0.42	1300000	2250000
37.139337920	-24.471701580	-0.30	-2.27	-1.76	0.38	0.39	0.67	1350000	2250000
41.560461310	-8.984454861	0.01	-0.69	-1.26	0.31	0.31	0.54	2750000	2250000
41.671592130	-8.400156988	0.06	-0.74	-1.35	0.22	0.23	0.40	2800000	2250000
41.779310600	-7.814030683	0.17	-0.54	-1.25	0.25	0.25	0.44	2850000	2250000
41.883600000	-7.226119778	0.25	-0.44	-1.29	0.23	0.23	0.39	2900000	2250000
41.984443990	-6.636469550	0.22	-0.53	-1.31	0.22	0.22	0.37	2950000	2250000
42.081826600	-6.045126703	0.07	-0.54	-1.11	0.30	0.30	0.49	3000000	2250000
42.175732260	-5.452139345	0.18	-0.47	-1.06	0.26	0.26	0.43	3050000	2250000
42.266145840	-4.857556961	0.28	-0.42	-1.25	0.29	0.29	0.47	3100000	2250000
42.353052620	-4.261430387	0.34	-0.46	-1.43	0.28	0.28	0.47	3150000	2250000
42.436438330	-3.663811781	0.27	-0.47	-1.45	0.24	0.24	0.40	3200000	2250000
42.516289190	-3.064754587	-0.06	-0.41	-1.09	0.24	0.24	0.40	3250000	2250000
42.592591880	-2.464313505	-0.19	-0.37	-0.85	0.22	0.22	0.37	3300000	2250000
42.665333580	-1.862544450	-0.15	-0.31	-0.76	0.23	0.23	0.38	3350000	2250000
42.734501990	-1.259504516	-0.19	-0.19	-0.63	0.23	0.23	0.39	3400000	2250000
42.800085310	-0.655251933	-0.30	-0.07	-0.55	0.23	0.23	0.39	3450000	2250000
42.862072300	-0.049846022	-0.28	-0.07	-0.56	0.26	0.26	0.43	3500000	2250000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
42.920452280	0.556652848	-0.19	-0.11	-0.55	0.24	0.24	0.41	3550000	2250000
42.975215100	1.164183311	-0.13	-0.14	-0.62	0.22	0.22	0.38	3600000	2250000
43.026351220	1.772683050	-0.14	-0.15	-0.76	0.24	0.24	0.42	3650000	2250000
43.073851670	2.382088854	-0.16	-0.09	-0.75	0.24	0.24	0.41	3700000	2250000
43.117708080	2.992336667	-0.16	-0.05	-0.80	0.25	0.25	0.43	3750000	2250000
43.157912690	3.603361645	-0.10	-0.09	-1.13	0.27	0.27	0.46	3800000	2250000
43.194458360	4.215098216	-0.04	-0.22	-1.48	0.31	0.31	0.53	3850000	2250000
43.227338560	4.827480134	0.02	-0.31	-1.68	0.28	0.28	0.48	3900000	2250000
43.256547420	5.440440541	-0.06	-0.21	-1.39	0.17	0.19	0.35	3950000	2250000
43.282079690	6.053912030	-0.17	-0.14	-0.98	0.25	0.26	0.44	4000000	2250000
43.303930780	6.667826705	-0.09	-0.21	-1.08	0.23	0.23	0.40	4050000	2250000
43.322096750	7.282116246	-0.08	-0.25	-1.15	0.31	0.31	0.52	4100000	2250000
43.336574310	7.896711974	-0.09	-0.24	-1.04	0.36	0.36	0.61	4150000	2250000
43.354454390	9.126545865	0.05	-0.20	-1.10	0.35	0.35	0.60	4250000	2250000
43.357853680	9.741645461	0.10	-0.27	-1.35	0.29	0.30	0.51	4300000	2250000
43.357558080	10.356774240	0.28	-0.49	-1.20	0.30	0.30	0.51	4350000	2250000
43.353567650	10.971862720	0.66	-0.76	-0.61	0.27	0.27	0.46	4400000	2250000
43.345883120	11.586841450	1.24	-0.84	-0.04	0.26	0.27	0.46	4450000	2250000
43.334505870	12.201641080	1.85	-0.40	0.08	0.20	0.21	0.35	4500000	2250000
43.319437980	12.816192440	2.91	0.68	0.10	0.22	0.23	0.39	4550000	2250000
43.300682150	13.430426610	3.69	1.47	0.21	0.22	0.23	0.40	4600000	2250000
43.278241790	14.044274960	3.20	1.43	-0.20	0.31	0.32	0.54	4650000	2250000
43.222324300	15.270541590	2.47	0.84	-0.78	0.39	0.39	0.68	4750000	2250000
43.188857210	15.882824730	2.38	0.69	-0.92	0.38	0.38	0.68	4800000	2250000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
43.151725660	16.494451880	2.38	0.69	-1.14	0.35	0.35	0.65	4850000	2250000
43.110936270	17.105356900	2.42	0.81	-1.60	0.36	0.36	0.65	4900000	2250000
43.066496270	17.715474330	2.53	0.84	-2.07	0.31	0.31	0.57	4950000	2250000
43.018413540	18.324739450	2.18	0.61	-1.99	0.33	0.33	0.57	5000000	2250000
42.966696520	18.933088330	1.35	0.29	-1.50	0.36	0.36	0.62	5050000	2250000
42.911354300	19.540457900	0.54	0.19	-1.02	0.34	0.34	0.60	5100000	2250000
42.852396500	20.146786000	-0.22	0.51	-0.83	0.30	0.30	0.55	5150000	2250000
42.789833360	20.752011400	-1.09	0.73	-0.91	0.28	0.29	0.52	5200000	2250000
42.723675660	21.356073920	-1.83	0.58	-0.92	0.29	0.30	0.52	5250000	2250000
42.653934720	21.958914400	-2.25	0.42	-1.03	0.28	0.28	0.48	5300000	2250000
42.580622430	22.560474780	-2.46	0.45	-1.18	0.25	0.25	0.42	5350000	2250000
42.503751150	23.160698170	-2.43	0.43	-0.93	0.22	0.22	0.38	5400000	2250000
42.423333810	23.759528840	-2.27	0.28	-0.48	0.25	0.25	0.42	5450000	2250000
42.339383780	24.356912270	-2.04	0.37	-0.39	0.24	0.24	0.42	5500000	2250000
42.251914950	24.952795250	-1.67	0.48	-0.49	0.24	0.24	0.43	5550000	2250000
42.160941640	25.547125810	-1.16	0.09	-0.46	0.26	0.26	0.45	5600000	2250000
42.066478630	26.139853340	-0.89	0.03	-0.45	0.27	0.28	0.47	5650000	2250000
41.968541150	26.730928560	-1.00	0.51	-0.53	0.30	0.30	0.52	5700000	2250000
41.867144810	27.320303600	-1.12	0.85	-0.55	0.26	0.26	0.48	5750000	2250000
41.762305650	27.907931970	-1.46	-0.52	-0.54	0.27	0.27	0.53	5800000	2250000
41.654040070	28.493768640	-1.41	-0.80	-0.58	0.34	0.34	0.62	5850000	2250000
41.542364850	29.077769990	-1.33	-1.05	-0.65	0.35	0.35	0.63	5900000	2250000
41.427297110	29.659893910	-1.23	-2.09	-0.79	0.37	0.37	0.64	5950000	2250000
41.308854290	30.240099730	-1.19	-2.62	-0.91	0.37	0.37	0.64	6000000	2250000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
41.187054170	30.818348320	-1.09	-3.03	-0.86	0.37	0.37	0.66	6050000	2250000
41.061914800	31.394602020	-0.64	-2.60	-0.61	0.39	0.39	0.67	6100000	2250000
40.933454510	31.968824700	-0.15	-2.08	-0.46	0.38	0.38	0.63	6150000	2250000
40.801691910	32.540981760	-1.57	-21.07	-0.47	0.35	0.36	0.55	6200000	2250000
40.666645840	33.111040120	-0.45	-20.39	-0.37	0.33	0.33	0.54	6250000	2250000
40.528335360	33.678968210	0.88	-19.47	-0.09	0.21	0.22	0.38	6300000	2250000
40.386779750	34.244736020	2.11	-19.66	-0.29	0.29	0.30	0.51	6350000	2250000
40.241998460	34.808315050	3.27	-19.35	-0.54	0.30	0.30	0.54	6400000	2250000
40.094011150	35.369678320	4.58	-19.57	-0.71	0.34	0.34	0.58	6450000	2250000
39.942837600	35.928800380	5.71	-19.58	-0.62	0.31	0.31	0.54	6500000	2250000
39.788497760	36.485657280	6.42	-19.07	-0.37	0.31	0.32	0.53	6550000	2250000
39.631011680	37.040226580	7.15	-18.63	-0.16	0.23	0.24	0.44	6600000	2250000
39.470399520	37.592487340	8.21	-17.39	-0.63	0.33	0.34	0.60	6650000	2250000
39.306681560	38.142420080	9.17	-16.41	-1.09	0.26	0.28	0.55	6700000	2250000
39.139878110	38.690006810	9.75	-16.01	-1.43	0.28	0.28	0.54	6750000	2250000
38.970009580	39.235230980	9.82	-15.42	-1.41	0.29	0.29	0.56	6800000	2250000
38.797096400	39.778077480	10.96	-15.55	-0.84	0.31	0.31	0.61	6850000	2250000
38.621159030	40.318532620	12.68	-8.70	-0.12	0.34	0.35	0.62	6900000	2250000
38.442217950	40.856584110	13.40	-8.02	0.19	0.37	0.37	0.66	6950000	2250000
38.260293650	41.392221070	13.85	-7.05	0.26	0.36	0.36	0.66	7000000	2250000
38.075406580	41.925433940	14.18	-6.16	0.14	0.34	0.31	0.66	7050000	2250000
37.887577180	42.456214530	14.87	-5.43	-0.01	0.39	0.36	0.70	7100000	2250000
37.696825840	42.984555970	15.65	-5.00	-0.14	0.42	0.36	0.70	7150000	2250000
37.503172900	43.510452690	16.21	-5.07	-0.16	0.44	0.38	0.70	7200000	2250000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
37.306638630	44.033900380	16.14	-5.10	-0.15	0.45	0.38	0.71	7250000	2250000
37.107243220	44.554896010	15.88	-5.01	-0.17	0.45	0.36	0.73	7300000	2250000
36.905006760	45.073437750	16.63	-4.95	-0.33	0.52	0.42	0.80	7350000	2250000
36.699949230	45.589525000	17.30	-4.81	-0.45	0.57	0.45	0.84	7400000	2250000
36.332679160	-25.284421370	-0.29	-1.98	-1.54	0.40	0.41	0.73	1250000	2200000
36.535906680	-24.769930350	-0.33	-2.23	-1.58	0.38	0.39	0.69	1300000	2200000
41.010814210	-9.426266659	-0.05	-0.57	-1.14	0.38	0.38	0.68	2700000	2200000
41.124406080	-8.847552893	-0.04	-0.76	-1.20	0.28	0.28	0.50	2750000	2200000
41.234626010	-8.267021931	0.02	-0.78	-1.16	0.27	0.28	0.47	2800000	2200000
41.341457430	-7.684715176	0.13	-0.67	-1.07	0.28	0.28	0.47	2850000	2200000
41.444884120	-7.100675438	0.24	-0.65	-1.20	0.24	0.25	0.41	2900000	2200000
41.544890240	-6.514946913	0.26	-0.67	-1.31	0.25	0.25	0.41	2950000	2200000
41.641460290	-5.927575165	0.12	-0.60	-1.09	0.27	0.27	0.44	3000000	2200000
41.734579180	-5.338607101	0.08	-0.47	-1.00	0.25	0.25	0.41	3050000	2200000
41.824232240	-4.748090949	0.10	-0.40	-1.26	0.22	0.22	0.37	3100000	2200000
41.910405200	-4.156076230	0.10	-0.45	-1.39	0.29	0.29	0.47	3150000	2200000
41.993084240	-3.562613728	0.03	-0.46	-1.30	0.30	0.30	0.50	3200000	2200000
42.072255980	-2.967755461	-0.13	-0.44	-1.08	0.26	0.26	0.43	3250000	2200000
42.147907540	-2.371554646	-0.27	-0.41	-0.79	0.24	0.24	0.39	3300000	2200000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
42.5272328	1.230722007	-0.32	-0.13	-0.51	0.26	0.26	0.44	3600000	2200000
42.5779240	1.834737912	-0.25	-0.06	-0.53	0.23	0.23	0.40	3650000	2200000
42.6250103	2.439632192	-0.11	0.06	-0.46	0.20	0.20	0.36	3700000	2200000
42.6684835	3.045342696	-0.12	-0.03	-0.62	0.24	0.24	0.43	3750000	2200000
42.7083362	3.651806518	-0.14	-0.12	-0.97	0.34	0.34	0.57	3800000	2200000
42.7771529	4.866739075	-0.08	-0.20	-1.36	0.37	0.37	0.64	3900000	2200000
42.8061049	5.475078743	-0.17	-0.20	-1.23	0.34	0.34	0.60	3950000	2200000
42.8314124	6.083913712	-0.34	-0.23	-1.02	0.28	0.29	0.51	4000000	2200000
42.8530710	6.693178166	-0.21	-0.24	-1.07	0.32	0.32	0.56	4050000	2200000
42.8710767	7.302805888	-0.09	-0.25	-1.15	0.37	0.38	0.65	4100000	2200000
42.8961177	8.522884600	0.07	-0.30	-1.09	0.34	0.35	0.59	4200000	2200000
42.9031486	9.133201688	0.15	-0.28	-1.01	0.28	0.28	0.48	4250000	2200000
42.9065178	9.743614362	0.16	-0.44	-1.14	0.26	0.26	0.44	4300000	2200000
42.9062249	10.354055320	0.19	-0.86	-1.22	0.25	0.26	0.44	4350000	2200000
42.9022697	10.964457220	0.47	-1.32	-0.75	0.21	0.22	0.38	4400000	2200000
42.8946530	11.574752770	0.89	-1.54	-0.28	0.23	0.24	0.41	4450000	2200000
42.8833763	12.184874780	1.21	-1.44	-0.47	0.22	0.23	0.39	4500000	2200000
42.8684414	12.794756220	1.94	-0.50	-0.55	0.25	0.25	0.43	4550000	2200000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
42.6617709 60	17.051 623250	2.51	0.70	-1.47	0.39	0.39	0.68	490000 0	220000 0
42.6177191 20	17.657 207370	2.77	0.73	-1.91	0.33	0.33	0.56	495000 0	220000 0
42.5700555 10	18.261 965260	2.76	0.61	-2.03	0.24	0.25	0.42	500000 0	220000 0
42.5187883 20	18.865 834910	1.58	0.18	-1.36	0.35	0.36	0.61	505000 0	220000 0
42.4639263 20	19.468 755100	0.61	-0.02	-0.76	0.33	0.33	0.59	510000 0	220000 0
42.4054788 60	20.070 665470	-0.34	0.27	-0.41	0.20	0.23	0.47	515000 0	220000 0
42.3434558 20	20.671 506600	-1.42	0.80	-0.75	0.27	0.28	0.52	520000 0	220000 0
42.2778676 60	21.271 219990	-2.13	1.07	-0.85	0.27	0.28	0.50	525000 0	220000 0
42.2087253 40	21.869 748190	-2.58	0.92	-0.76	0.26	0.26	0.45	530000 0	220000 0
42.1360403 60	22.467 034770	-3.00	0.46	-0.56	0.24	0.24	0.42	535000 0	220000 0
42.0598247 30	23.063 024400	-3.15	0.27	-0.34	0.24	0.24	0.41	540000 0	220000 0
41.9800909 40	23.657 662890	-2.93	0.45	-0.20	0.24	0.24	0.40	545000 0	220000 0
41.8968519 60	24.250 897210	-2.64	0.41	-0.28	0.28	0.28	0.46	550000 0	220000 0
41.8101212 50	24.842 675540	-2.34	0.06	-0.42	0.25	0.25	0.43	555000 0	220000 0
41.7199126 90	25.432 947290	-1.93	-0.22	-0.53	0.23	0.23	0.40	560000 0	220000 0
41.6262406 10	26.021 663150	-1.46	-0.15	-0.62	0.24	0.25	0.42	565000 0	220000 0
41.5291197 70	26.608 775100	-1.68	0.08	-0.71	0.23	0.24	0.44	570000 0	220000 0
41.4285653 10	27.194 236450	-1.81	0.05	-0.67	0.29	0.29	0.50	575000 0	220000 0
41.3245927 80	27.778 001840	-1.85	-0.74	-0.62	0.24	0.24	0.47	580000 0	220000 0
41.2172181 00	28.360 027310	-1.57	-0.91	-0.63	0.31	0.31	0.54	585000 0	220000 0
41.1064575 40	28.940 270270	-1.56	-0.94	-0.59	0.15	0.15	0.34	590000 0	220000 0
40.9923277 20	29.518 689530	-1.32	-4.64	-0.80	0.26	0.26	0.45	595000 0	220000 0
40.8748455 60	30.095 245360	-1.54	-3.48	-1.05	0.21	0.21	0.41	600000 0	220000 0
40.7540283 20	30.669 899410	-1.59	-4.47	-0.91	0.26	0.26	0.52	605000 0	220000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40.6298935	31.242614840	-2.54	-21.88	-0.34	0.37	0.37	0.60	6100000	2200000
30									
40.5024589	31.813356210	-2.45	-21.84	-0.19	0.35	0.35	0.60	6150000	2200000
80									
40.3717427	32.382089580	-2.48	-21.58	-0.52	0.28	0.29	0.53	6200000	2200000
60									
40.2377631	32.948782470	-1.15	-21.30	-0.76	0.31	0.31	0.53	6250000	2200000
60									
40.1005387	33.513403860	0.58	-20.65	-0.63	0.31	0.31	0.52	6300000	2200000
00									
39.9600881	34.075924210	1.88	-20.19	-0.51	0.30	0.31	0.53	6350000	2200000
10									
39.8164303	34.636315460	3.10	-19.91	-0.68	0.28	0.28	0.52	6400000	2200000
30									
39.6695844	35.194551000	4.39	-19.51	-0.89	0.32	0.32	0.57	6450000	2200000
40									
39.5195696	35.750605700	5.53	-19.38	-0.85	0.27	0.27	0.49	6500000	2200000
90									
39.3664054	36.304455880	6.27	-18.78	-0.70	0.32	0.32	0.53	6550000	2200000
90									
39.2101113	36.856079320	7.12	-17.77	-0.70	0.35	0.35	0.60	6600000	2200000
30									
39.0507068	37.405455240	8.10	-16.78	-0.98	0.34	0.34	0.62	6650000	2200000
50									
38.8882117	37.952564280	9.07	-15.87	-1.27	0.33	0.34	0.61	6700000	2200000
70									
38.7226458	38.497388510	9.87	-15.31	-1.37	0.31	0.32	0.59	6750000	2200000
80									
38.5540290	39.039911420	10.61	-15.12	-1.06	0.31	0.32	0.62	6800000	2200000
30									
38.3823811	39.580117860	12.89	-8.26	-0.35	0.29	0.28	0.58	6850000	2200000
40									
38.2077221	40.117994090	13.64	-8.11	0.17	0.30	0.30	0.58	6900000	2200000
50									
38.0300719	40.653527710	13.84	-7.51	0.49	0.33	0.34	0.62	6950000	2200000
90									
37.8494506	41.186707680	14.02	-6.81	0.67	0.25	0.24	0.57	7000000	2200000
50									
37.6658780	41.717524250	14.31	-6.21	0.54	0.34	0.32	0.64	7050000	2200000
60									
37.4793741	42.245969030	14.82	-5.65	0.23	0.40	0.38	0.72	7100000	2200000
50									
37.2899588	42.772034870	15.38	-5.28	0.00	0.44	0.41	0.76	7150000	2200000
20									
37.0976519	43.295715890	15.79	-5.12	-0.12	0.46	0.42	0.78	7200000	2200000
00									
36.9024731	43.817007490	15.97	-5.01	-0.19	0.48	0.42	0.79	7250000	2200000
70									



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastинг	northинг
36.7044423	44.335906240	16.17	-4.87	-0.26	0.50	0.43	0.80	7300000	2200000
36.5035790	44.852409940	16.66	-4.72	-0.37	0.53	0.45	0.83	7350000	2200000
40.5751966	-9.288304339	-0.07	-0.64	-1.16	0.36	0.36	0.64	2700000	2150000
40.6878720	-8.713243956	-0.10	-0.83	-1.19	0.22	0.22	0.43	2750000	2150000
40.7971985	-8.136418187	0.05	-0.85	-1.02	0.25	0.25	0.44	2800000	2150000
40.9031599	-7.557867493	0.15	-0.75	-0.90	0.27	0.27	0.45	2850000	2150000
41.0057406	-6.977633681	0.15	-0.68	-1.08	0.25	0.25	0.42	2900000	2150000
41.1049251	-6.395759892	0.07	-0.63	-1.25	0.26	0.26	0.42	2950000	2150000
41.2006985	-5.812290576	-0.01	-0.56	-0.99	0.28	0.28	0.46	3000000	2150000
41.2930461	-5.227271470	-0.13	-0.52	-0.68	0.24	0.24	0.39	3050000	2150000
41.3819536	-4.640749577	-0.16	-0.54	-0.76	0.25	0.25	0.41	3100000	2150000
41.4674073	-4.052773140	-0.17	-0.56	-1.01	0.27	0.27	0.44	3150000	2150000
41.5493937	-3.463391609	-0.21	-0.53	-1.04	0.27	0.27	0.45	3200000	2150000
41.6278999	-2.872655615	-0.29	-0.46	-1.04	0.27	0.27	0.44	3250000	2150000
41.7029134	-2.280616938	-0.41	-0.39	-1.02	0.27	0.27	0.44	3300000	2150000
41.7744222	-1.687328468	-0.48	-0.32	-1.09	0.24	0.24	0.40	3350000	2150000
41.8424146	-1.092844174	-0.39	-0.20	-1.06	0.25	0.25	0.42	3400000	2150000
41.9068797	-0.497219059	-0.29	-0.11	-0.89	0.26	0.26	0.43	3450000	2150000
41.9678069	0.099490874	-0.29	-0.17	-0.73	0.23	0.24	0.40	3500000	2150000
42.0251861	0.697228667	-0.34	-0.32	-0.67	0.25	0.25	0.42	3550000	2150000
42.0790079	1.295936452	-0.32	-0.34	-0.66	0.27	0.27	0.46	3600000	2150000
42.1292633	1.895555498	-0.19	-0.17	-0.64	0.25	0.26	0.43	3650000	2150000
42.1759439	2.496026254	-0.04	0.04	-0.56	0.19	0.19	0.33	3700000	2150000
42.2190419	3.097288403	-0.22	-0.07	-0.67	0.23	0.23	0.39	3750000	2150000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
42.258549960	3.699280909	-0.22	-0.14	-0.89	0.34	0.34	0.58	3800000	2150000
42.434101500	7.928425689	0.03	-0.32	-1.27	0.37	0.37	0.64	4150000	2150000
42.444699490	8.533995565	0.12	-0.43	-1.34	0.24	0.24	0.42	4200000	2150000
42.451669010	9.139723229	0.09	-0.38	-1.21	0.23	0.23	0.39	4250000	2150000
42.455008840	9.745543536	0.04	-0.52	-1.21	0.27	0.27	0.45	4300000	2150000
42.454718410	10.351391250	0.12	-0.90	-1.14	0.31	0.31	0.52	4350000	2150000
42.450797780	10.957201120	0.35	-1.39	-0.70	0.24	0.24	0.41	4400000	2150000
42.443247610	11.562907910	0.52	-1.63	-0.33	0.24	0.25	0.42	4450000	2150000
42.432069210	12.168446500	0.52	-1.73	-0.41	0.25	0.26	0.43	4500000	2150000
42.417264520	12.773751930	0.94	-1.48	-0.54	0.23	0.24	0.41	4550000	2150000
42.398836080	13.378759430	2.27	-0.41	-0.40	0.16	0.18	0.32	4600000	2150000
42.376787060	13.983404530	2.92	1.08	-0.44	0.24	0.24	0.41	4650000	2150000
42.351121270	14.587623090	3.00	1.37	-0.55	0.27	0.28	0.47	4700000	2150000
42.321843090	15.191351380	2.97	1.10	-0.59	0.34	0.34	0.58	4750000	2150000
42.288957530	15.794526080	2.90	0.84	-0.76	0.35	0.35	0.61	4800000	2150000
42.252470200	16.397084440	2.76	0.72	-0.95	0.38	0.38	0.66	4850000	2150000
42.168715600	17.600103820	2.58	0.56	-1.44	0.38	0.38	0.66	4950000	2150000
42.121462480	18.200442340	2.31	0.34	-1.47	0.37	0.37	0.63	5000000	2150000
42.070635880	18.799919570	1.62	-0.05	-1.12	0.36	0.37	0.63	5050000	2150000
42.016244270	19.398476080	0.71	-0.53	-0.54	0.25	0.27	0.51	5100000	2150000
41.958296720	19.996053280	-0.61	-0.33	-0.28	0.26	0.27	0.51	5150000	2150000
41.896802800	20.592593440	-1.93	0.60	-0.37	0.26	0.27	0.51	5200000	2150000
41.831772620	21.188039770	-2.49	1.54	-0.55	0.26	0.27	0.48	5250000	2150000
41.763216820	21.782336400	-2.77	1.62	-0.52	0.24	0.24	0.43	5300000	2150000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
41.691146530	22.375428500	-3.49	0.70	-0.46	0.26	0.26	0.45	5350000	2150000
41.615573380	22.967262270	-4.09	0.32	-0.39	0.25	0.25	0.42	5400000	2150000
41.536509490	23.557785000	-4.04	0.57	-0.35	0.24	0.24	0.42	5450000	2150000
41.453967420	24.146945090	-3.67	0.33	-0.39	0.30	0.30	0.50	5500000	2150000
41.367960200	24.734692090	-3.32	-0.17	-0.56	0.26	0.26	0.44	5550000	2150000
41.278501310	25.320976750	-2.91	-0.27	-0.87	0.23	0.23	0.42	5600000	2150000
41.185604640	25.905751020	-2.02	-0.50	-0.95	0.28	0.28	0.48	5650000	2150000
41.089284490	26.488968090	-2.09	-1.28	-0.88	0.26	0.26	0.48	5700000	2150000
40.989555550	27.070582430	-2.69	-1.57	-0.79	0.22	0.21	0.45	5750000	2150000
40.886432910	27.650549810	-2.31	-0.75	-0.83	0.26	0.26	0.44	5800000	2150000
40.779932000	28.228827290	-4.81	-18.50	-0.92	0.35	0.34	0.52	5850000	2150000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
38.9435793	36.126489770	5.99	-17.62	-1.05	0.33	0.33	0.57	6550000	2150000
38.7884564	36.675203240	6.95	-16.65	-1.03	0.35	0.36	0.62	6600000	2150000
38.6302387	37.221728440	8.00	-15.92	-1.22	0.28	0.29	0.56	6650000	2150000
38.4689456	37.766046140	9.06	-15.09	-1.26	0.32	0.34	0.59	6700000	2150000
38.3045962	38.308138500	10.10	-14.59	-1.18	0.27	0.31	0.59	6750000	2150000
38.1372100	38.847989050	10.97	-14.49	-0.78	0.34	0.35	0.64	6800000	2150000
37.9668063	39.385582650	13.09	-7.81	0.02	0.32	0.31	0.58	6850000	2150000
37.7934044	39.920905500	13.87	-7.57	0.59	0.31	0.31	0.57	6900000	2150000
37.6170240	40.453945140	14.01	-7.04	0.95	0.32	0.32	0.58	6950000	2150000
37.4376844	40.984690390	14.05	-6.49	1.13	0.29	0.28	0.55	7000000	2150000
37.2554051	41.513131360	14.39	-6.07	0.88	0.32	0.32	0.62	7050000	2150000
37.0702055	42.039259430	14.78	-5.64	0.39	0.42	0.41	0.75	7100000	2150000
36.8821050	42.563067250	15.21	-5.30	0.07	0.45	0.43	0.80	7150000	2150000
36.6911229	43.084548670	15.60	-5.06	-0.12	0.47	0.44	0.82	7200000	2150000
40.0239971	-9.722641248	-0.09	-0.56	-1.07	0.39	0.40	0.71	2650000	2100000
40.1390838	-9.152928923	-0.03	-0.73	-1.17	0.33	0.34	0.59	2700000	2100000
40.2508601	-8.581463080	0.06	-0.93	-1.25	0.23	0.23	0.41	2750000	2100000
40.3593101	-8.008281944	0.19	-0.90	-0.99	0.26	0.26	0.45	2800000	2100000
40.4644182	-7.433425051	0.28	-0.76	-0.75	0.25	0.25	0.44	2850000	2100000
40.5661691	-6.856933230	0.21	-0.65	-0.93	0.22	0.22	0.38	2900000	2100000
40.6645480	-6.278848587	0.07	-0.62	-1.14	0.27	0.27	0.45	2950000	2100000
40.7595401	-5.699214484	-0.06	-0.57	-1.03	0.26	0.26	0.43	3000000	2100000
40.8511315	-5.118075520	-0.13	-0.56	-0.60	0.24	0.24	0.39	3050000	2100000
40.9393081	-4.535477505	-0.16	-0.64	-0.38	0.27	0.27	0.44	3100000	2100000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
41.024056740	-3.951467437	-0.23	-0.69	-0.46	0.26	0.26	0.42	3150000	2100000
41.105364260	-3.366093471	-0.33	-0.66	-0.73	0.24	0.24	0.39	3200000	2100000
41.183218150	-2.779404893	-0.38	-0.57	-0.98	0.31	0.31	0.51	3250000	2100000
41.257606300	-2.191452087	-0.46	-0.49	-1.20	0.25	0.25	0.42	3300000	2100000
41.328517050	-1.602286500	-0.50	-0.49	-1.38	0.23	0.23	0.39	3350000	2100000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
41.92577110	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
41.802519900	16.349851150	3.34	0.80	-0.65	0.32	0.32	0.55	4850000	2100000
41.622234020	18.735306060	1.84	-0.13	-1.04	0.37	0.38	0.67	5050000	2100000
41.568303250	19.329582410	1.21	-0.61	-0.89	0.29	0.31	0.58	5100000	2100000
41.510845470	19.922908830	-0.22	-0.75	-0.53	0.25	0.27	0.52	5150000	2100000
41.449869970	20.515229270	-2.15	0.18	-0.28	0.22	0.24	0.48	5200000	2100000
41.385386540	21.106488530	-2.98	1.48	-0.42	0.26	0.27	0.50	5250000	2100000
41.317405480	21.696632340	-3.47	1.79	-0.60	0.25	0.26	0.50	5300000	2100000
41.245937580	22.285607380	-4.46	1.02	-0.79	0.28	0.27	0.47	5350000	2100000
41.170994110	22.873361340	-5.50	0.85	-0.94	0.26	0.22	0.39	5400000	2100000
41.092586810	23.459842940	-5.68	1.13	-0.74	0.25	0.24	0.46	5450000	2100000
41.010727870	24.045001970	-4.97	0.51	-0.54	0.29	0.29	0.52	5500000	2100000
40.925429920	24.628789310	-3.99	-0.09	-0.61	0.22	0.22	0.42	5550000	2100000
40.836706010	25.211157010	-3.02	-0.21	-0.90	0.28	0.28	0.49	5600000	2100000
40.744569610	25.792058240	-1.77	-0.39	-1.02	0.25	0.25	0.49	5650000	2100000
40.649034610	26.371447390	-1.82	-1.31	-0.82	0.31	0.31	0.46	5700000	2100000
40.550115240	26.949280070	-7.55	-15.68	-0.75	0.32	0.30	0.49	5750000	2100000
40.447826150	27.525513100	-6.62	-17.95	-0.94	0.26	0.24	0.42	5800000	2100000
40.342182310	28.100104580	-5.09	-19.67	-1.18	0.27	0.25	0.44	5850000	2100000
40.233199050	28.673013890	-4.13	-20.37	-1.40	0.28	0.26	0.44	5900000	2100000
40.120892010	29.244201710	-4.10	-21.98	-1.53	0.25	0.24	0.42	5950000	2100000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40.005277150	29.813630010	-4.19	-22.71	-1.11	0.28	0.27	0.48	6000000	2100000
39.886370730	30.381262110	-3.75	-22.82	-0.53	0.28	0.27	0.48	6050000	2100000
39.764189280	30.947062660	-3.39	-22.72	-0.03	0.32	0.32	0.54	6100000	2100000
39.638749600	31.510997650	-3.22	-22.84	-0.07	0.28	0.28	0.49	6150000	2100000
39.510068720	32.073034430	-2.54	-21.95	-0.89	0.32	0.32	0.55	6200000	2100000
39.378163940	32.633141700	-1.44	-21.02	-1.44	0.28	0.28	0.50	6250000	2100000
39.243052740	33.191289540	0.02	-20.07	-1.27	0.31	0.31	0.53	6300000	2100000
39.104752820	33.747449390	1.38	-19.31	-1.09	0.32	0.32	0.54	6350000	2100000
38.963282060	34.301594050	2.69	-18.68	-1.02	0.29	0.29	0.50	6400000	2100000
38.818658530	34.853697690	4.08	-17.98	-1.06	0.30	0.30	0.54	6450000	2100000
38.670900420	35.403735840	4.91	-16.79	-1.25	0.28	0.28	0.55	6500000	2100000
38.520026090	35.951685410	5.77	-16.02	-1.17	0.32	0.32	0.59	6550000	2100000
38.366054010	36.497524630	6.72	-15.27	-1.13	0.32	0.32	0.58	6600000	2100000
38.209002780	37.041233110	7.85	-14.54	-1.13	0.27	0.27	0.47	6650000	2100000
38.048891060	37.582791770	8.98	-14.17	-1.26	0.31	0.31	0.54	6700000	2100000
37.885737640	38.122182890	12.25	-7.71	-1.35	0.35	0.29	0.58	6750000	2100000
37.719561330	38.659390050	12.73	-7.77	-0.81	0.36	0.33	0.61	6800000	2100000
37.550381020	39.194398130	13.22	-7.62	0.14	0.33	0.31	0.57	6850000	2100000
37.378215630	39.727193320	14.01	-7.26	1.09	0.26	0.24	0.45	6900000	2100000
37.203084110	40.257763080	14.04	-6.70	1.20	0.33	0.32	0.57	6950000	2100000
37.025005430	40.786096160	14.04	-6.18	1.08	0.35	0.34	0.63	7000000	2100000
36.843998550	41.312182520	14.33	-5.82	0.73	0.39	0.40	0.72	7050000	2100000
36.660082400	41.836013380	14.70	-5.47	0.35	0.43	0.43	0.79	7100000	2100000
36.473275920	42.357581160	15.09	-5.16	0.05	0.46	0.45	0.82	7150000	2100000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
39.470838710	-10.150785990	-0.15	-0.55	-1.02	0.41	0.41	0.74	2600000	2050000
39.588294160	-9.586301444	-0.16	-0.70	-1.05	0.35	0.35	0.62	2650000	2050000
39.702476810	-9.020076580	0.01	-0.82	-1.08	0.27	0.27	0.48	2700000	2050000
39.813370920	-8.452147499	0.22	-0.92	-1.08	0.26	0.26	0.45	2750000	2050000
39.920961050	-7.882551570	0.25	-0.90	-0.88	0.27	0.27	0.46	2800000	2050000
40.025232050	-7.311327424	0.29	-0.85	-0.61	0.26	0.26	0.45	2850000	2050000
40.126169110	-6.738514929	0.31	-0.88	-0.71	0.27	0.27	0.45	2900000	2050000
40.223757740	-6.164155183	0.15	-0.85	-1.02	0.30	0.30	0.49	2950000	2050000
40.317983810	-5.588290487	-0.05	-0.79	-1.15	0.28	0.28	0.46	3000000	2050000
40.408833540	-5.010964328	-0.13	-0.74	-0.79	0.27	0.27	0.44	3050000	2050000
40.496293550	-4.432221356	-0.17	-0.75	-0.25	0.20	0.20	0.34	3100000	2050000
40.580350840	-3.852107357	-0.28	-0.78	-0.21	0.23	0.23	0.38	3150000	2050000
40.660992790	-3.270669228	-0.35	-0.81	-0.57	0.21	0.21	0.35	3200000	2050000
40.738207250	-2.687954948	-0.41	-0.75	-0.92	0.31	0.31	0.52	3250000	2050000
40.811982450	-2.104013546	-0.43	-0.69	-1.17	0.33	0.33	0.54	3300000	2050000
40.882307100	-1.518895073	-0.39	-0.69	-1.29	0.28	0.28	0.46	3350000	2050000
40.949170350	-0.932650563	-0.33	-0.62	-1.13	0.25	0.25	0.41	3400000	2050000
41.012561810	-0.345332000	-0.29	-0.47	-0.86	0.26	0.26	0.43	3450000	2050000
41.072471590	0.243007719	-0.27	-0.41	-0.73	0.25	0.25	0.42	3500000	2050000
41.128890270	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
41.231219180	2.013612014	-0.20	-0.39	-0.70	0.22	0.22	0.37	3650000	2050000
41.277113130	2.605490566	-0.18	-0.24	-0.84	0.32	0.32	0.54	3700000	2050000
41.319483430	3.198113542	-0.16	-0.15	-0.88	0.38	0.38	0.65	3750000	2050000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
41.530891870	7.958882902	0.03	-0.29	-1.29	0.38	0.38	0.68	4150000	2050000
41.541309060	8.555556382	0.08	-0.32	-1.41	0.29	0.29	0.51	4200000	2050000
41.548159640	9.152378178	0.03	-0.33	-1.55	0.22	0.22	0.38	4250000	2050000
41.551442460	9.749287054	-0.07	-0.44	-1.47	0.33	0.34	0.57	4300000	2050000
41.539881950	11.539922930	-0.02	-0.88	-0.87	0.37	0.37	0.64	4450000	2050000
41.528894240	12.136567010	0.05	-0.94	-0.88	0.30	0.31	0.53	4500000	2050000
41.514341940	12.732991900	0.64	-0.88	-0.81	0.19	0.20	0.36	4550000	2050000
41.496227460	13.329136730	1.30	-0.94	-0.28	0.24	0.25	0.42	4600000	2050000
41.474553760	13.924940880	1.86	-0.78	-0.27	0.22	0.23	0.39	4650000	2050000
41.449324400	14.520344020	2.45	0.07	-0.17	0.21	0.22	0.39	4700000	2050000
41.420543500	15.115286200	3.36	0.74	0.08	0.21	0.22	0.39	4750000	2050000
41.388215740	15.709707850	3.90	0.89	-0.09	0.26	0.27	0.45	4800000	2050000
41.352346390	16.303549910	4.02	1.00	-0.23	0.25	0.26	0.44	4850000	2050000
41.312941260	16.896753800	3.51	0.79	-0.39	0.29	0.30	0.51	4900000	2050000
41.270006710	17.489261510	2.98	0.55	-0.65	0.35	0.35	0.61	4950000	2050000
41.223549640	18.081015660	2.64	0.35	-0.89	0.37	0.38	0.66	5000000	2050000
41.120098260	19.262037080	1.84	-0.47	-1.13	0.30	0.32	0.60	5100000	2050000
41.063120390	19.851193050	0.57	-0.78	-0.87	0.23	0.26	0.53	5150000	2050000
41.002652900	20.439372980	-1.67	-0.31	-0.46	0.25	0.27	0.54	5200000	2050000
40.938705270	21.026523220	-3.26	0.85	-0.42	0.26	0.29	0.58	5250000	2050000
40.871287490	21.612591040	-4.47	1.33	-0.60	0.26	0.29	0.60	5300000	2050000
40.800410010	22.197524580	-5.89	1.14	-0.96	0.29	0.30	0.58	5350000	2050000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
38.095751830	35.779971480	5.75	-14.84	-1.13	0.32	0.33	0.59	6550000	2050000
37.942910750	36.322971980	6.70	-14.14	-1.21	0.32	0.33	0.58	6600000	2050000
37.787005920	36.863897620	7.79	-13.66	-1.27	0.33	0.33	0.56	6650000	2050000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
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	-4.905884895	-0.18	-0.90	-0.87	0.30	0.30	0.50	3050000	2000000
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	-1.43711117	-0.29	-0.76	-1.21	0.23	0.23	0.39	3350000	2000000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
41.023128240	13.896571000	1.47	-1.06	-0.65	0.26	0.27	0.45	4650000	2000000
40.998110430	14.487695520	1.68	-1.16	-0.80	0.23	0.23	0.41	4700000	2000000
40.969570580	15.078372930	2.38	-0.45	-0.33	0.21	0.22	0.39	4750000	2000000
40.937513240	15.668545460	3.47	0.45	-0.12	0.22	0.22	0.38	4800000	2000000
40.901943490	16.258155760	4.09	0.92	-0.15	0.22	0.22	0.37	4850000	2000000
40.862866960	16.847147010	3.84	0.77	-0.18	0.23	0.24	0.40	4900000	2000000
40.820289820	17.435462900	3.44	0.58	-0.40	0.24	0.25	0.45	4950000	2000000
40.774218760	18.023047710	3.30	0.63	-0.78	0.29	0.29	0.53	5000000	2000000
40.724660980	18.609846360	2.83	0.29	-0.98	0.34	0.35	0.62	5050000	2000000
40.671624200	19.195804450	2.11	-0.24	-1.08	0.32	0.33	0.61	5100000	2000000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40.615116650	19.780868280	0.80	-0.81	-0.92	0.25	0.27	0.54	5150000	2000000
40.555147030	20.364984950	-1.35	-0.84	-0.60	0.28	0.30	0.58	5200000	2000000
40.491724550	20.948102320	-3.29	-0.13	-0.42	0.29	0.32	0.62	5250000	2000000
40.424858880	21.530169120	-5.13	0.36	-0.48	0.24	0.29	0.61	5300000	2000000
40.354560160	22.111134940	-7.13	0.33	-0.88	0.26	0.29	0.61	5350000	2000000
40.280838970	22.690950290	-8.49	0.33	-1.02	0.26	0.28	0.61	5400000	2000000
40.203706340	23.269566640	-8.02	0.28	-0.76	0.34	0.33	0.64	5450000	2000000
40.123173720	23.846936430	-6.99	0.08	-0.48	0.33	0.29	0.55	5500000	2000000
40.039253010	24.423013120	-4.86	-0.11	-0.48	0.38	0.36	0.57	5550000	2000000
39.951956460	24.997751190	-16.73	-17.14	-0.61	0.30	0.26	0.44	5600000	2000000
39.861296760	25.571106210	-14.83	-17.73	-0.58	0.34	0.31	0.52	5650000	2000000
39.767286970	26.143034840	-12.31	-19.03	-0.45	0.35	0.33	0.56	5700000	2000000
39.669940480	26.713494860	-11.42	-19.85	-0.40	0.33	0.31	0.56	5750000	2000000
39.569271090	27.282445190	-10.08	-20.61	-0.41	0.33	0.31	0.54	5800000	2000000
39.465292890	27.849845890	-8.16	-21.98	-0.34	0.28	0.26	0.47	5850000	2000000
39.358020330	28.415658240	-7.61	-22.73	-0.27	0.33	0.31	0.53	5900000	2000000
39.247468150	28.979844670	-7.07	-22.82	-0.27	0.33	0.32	0.55	5950000	2000000
39.133651400	29.542368860	-6.38	-22.37	-0.36	0.34	0.33	0.57	6000000	2000000
39.016585390	30.103195700	-5.37	-21.91	-0.45	0.34	0.33	0.56	6050000	2000000
38.896285730	30.662291310	-4.39	-21.61	-0.61	0.28	0.28	0.49	6100000	2000000
38.772768280	31.219623050	-3.98	-21.14	-1.05	0.30	0.30	0.52	6150000	2000000
38.646049110	31.775159570	-3.32	-20.38	-1.44	0.28	0.28	0.49	6200000	2000000
38.516144540	32.328870730	-1.65	-19.29	-1.22	0.34	0.34	0.58	6250000	2000000
38.383071110	32.880727700	0.02	-18.44	-1.01	0.33	0.32	0.58	6300000	2000000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
38.2468455	33.430702900	1.38	-17.24	-0.90	0.38	0.38	0.65	6350000	2000000
38.1074847	33.978770010	2.73	-16.29	-0.76	0.37	0.37	0.63	6400000	2000000
37.9650057	34.524904000	4.09	-15.49	-0.55	0.25	0.25	0.47	6450000	2000000
37.8194258	35.069081100	4.85	-14.68	-0.72	0.32	0.32	0.56	6500000	2000000
37.6707623	35.611278820	5.70	-13.89	-1.04	0.33	0.34	0.60	6550000	2000000
37.5190327	36.151475920	6.74	-13.24	-1.24	0.32	0.32	0.55	6600000	2000000
37.3642547	36.689652430	7.81	-12.95	-1.40	0.33	0.34	0.56	6650000	2000000
37.2064459	37.225789630	11.71	-7.29	-1.66	0.40	0.30	0.55	6700000	2000000
37.0456242	37.759870030	12.18	-7.31	-1.47	0.41	0.34	0.62	6750000	2000000
36.8818073	38.291877410	12.63	-7.24	-0.94	0.42	0.39	0.68	6800000	2000000
36.7150132	38.821796750	13.04	-6.99	-0.36	0.41	0.40	0.70	6850000	2000000
36.5452598	39.349614250	13.35	-6.49	0.14	0.42	0.42	0.73	6900000	2000000
36.3725652	39.875317330	13.59	-6.00	0.35	0.43	0.43	0.76	6950000	2000000
36.1969474	40.398894590	13.82	-5.59	0.32	0.43	0.45	0.80	7000000	2000000
38.5997023	-9.878880312	-0.20	-0.95	-1.17	0.36	0.36	0.64	2600000	1950000
38.7153579	-9.321110785	-0.34	-1.42	-1.23	0.17	0.17	0.34	2650000	1950000
38.8277826	-8.761696386	-0.03	-1.26	-1.10	0.22	0.23	0.41	2700000	1950000
38.9369615	-8.200671647	0.22	-1.01	-1.19	0.26	0.26	0.46	2750000	1950000
39.0428801	-7.638072273	0.19	-0.99	-1.24	0.26	0.26	0.46	2800000	1950000
39.1455241	-7.073935135	0.22	-1.13	-0.97	0.26	0.27	0.47	2850000	1950000
39.2448794	-6.508298246	0.34	-1.22	-0.76	0.28	0.28	0.47	2900000	1950000
39.3409326	-5.941200751	0.20	-1.25	-0.81	0.25	0.26	0.42	2950000	1950000
39.4336702	-5.372682909	-0.03	-1.16	-0.90	0.29	0.29	0.48	3000000	1950000
39.5230794	-4.802786065	-0.15	-1.03	-0.79	0.32	0.32	0.53	3050000	1950000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
40.117095230	-0.199270281	-0.19	-0.62	-0.92	0.31	0.31	0.52	3450000	1950000
40.176027820	0.381009004	-0.22	-0.73	-0.84	0.27	0.27	0.47	3500000	1950000
40.231524010	0.962199425	-0.20	-0.66	-0.86	0.32	0.32	0.56	3550000	1950000
40.377312910	2.710718455	0.02	-0.26	-0.99	0.37	0.37	0.64	3700000	1950000
40.418984650	3.295030925	0.04	-0.20	-0.95	0.37	0.37	0.63	3750000	1950000
40.457183030	3.879989980	0.01	-0.17	-0.90	0.36	0.36	0.61	3800000	1950000
40.491902160	4.465540877	-0.01	-0.14	-0.89	0.39	0.39	0.68	3850000	1950000
40.626888970	7.988151029	-0.02	-0.40	-1.20	0.33	0.34	0.62	4150000	1950000
40.637132700	8.576275135	-0.04	-0.57	-1.24	0.22	0.24	0.47	4200000	1950000
40.643869150	9.164538767	0.11	-0.57	-1.15	0.24	0.25	0.44	4250000	1950000
40.647097270	9.752884316	-0.16	-0.47	-1.23	0.19	0.23	0.40	4300000	1950000
40.646816560	10.341254100	-0.09	-0.39	-1.16	0.36	0.37	0.65	4350000	1950000
40.610614500	12.693822280	0.44	-0.42	-0.82	0.35	0.37	0.65	4550000	1950000
40.592801280	13.281449050	0.75	-0.43	-0.62	0.29	0.31	0.54	4600000	1950000
40.571487730	13.868755290	1.07	-0.72	-0.82	0.31	0.31	0.54	4650000	1950000
40.546677190	14.455684220	1.35	-0.96	-1.06	0.22	0.23	0.44	4700000	1950000
40.518373530	15.042179400	1.89	-0.79	-0.78	0.24	0.24	0.43	4750000	1950000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
40.4865811 40	15.628 184770	2.89	-0.21	-0.40	0.22	0.23	0.39	480000 0	195000 0
40.4513049 50	16.213 644670	3.77	0.48	-0.33	0.24	0.24	0.40	485000 0	195000 0
40.4125504 20	16.798 503940	4.01	0.69	-0.25	0.22	0.23	0.40	490000 0	195000 0
40.3703235 20	17.382 707910	3.80	0.69	-0.30	0.27	0.28	0.48	495000 0	195000 0
40.3246307 30	17.966 202490	3.94	0.88	-0.62	0.21	0.22	0.42	500000 0	195000 0
40.2754790 30	18.548 934190	3.43	0.56	-0.92	0.26	0.27	0.50	505000 0	195000 0
40.2228759 00	19.130 850160	2.32	-0.26	-1.02	0.30	0.32	0.59	510000 0	195000 0
40.1668293 10	19.711 898240	0.93	-1.29	-0.94	0.23	0.26	0.56	515000 0	195000 0
40.1073477 00	20.292 027010	-1.09	-1.77	-0.68	0.24	0.28	0.59	520000 0	195000 0
40.0444400 00	20.871 185810	-3.12	-1.37	-0.49	0.29	0.31	0.61	525000 0	195000 0
39.9781155 70	21.449 324780	-5.46	-1.20	-0.45	0.26	0.30	0.60	530000 0	195000 0
39.9083842 40	22.026 394900	-7.98	-1.47	-0.73	0.29	0.31	0.63	535000 0	195000 0
39.8352562 80	22.602 348050	-9.53	-1.24	-0.83	0.29	0.30	0.65	540000 0	195000 0
39.7587423 80	23.177 136980	-9.24	-0.65	-0.64	0.34	0.35	0.67	545000 0	195000 0
39.6788536 40	23.750 715410	-7.09	-0.45	-0.39	0.38	0.37	0.63	550000 0	195000 0
39.5956016 00	24.323 038030	-14.55	-15.72	-0.32	0.40	0.38	0.60	555000 0	195000 0
39.5089981 50	24.894 060490	-14.72	-15.80	-0.38	0.37	0.34	0.57	560000 0	195000 0
39.4190556 00	25.463 739520	-13.98	-16.91	-0.42	0.38	0.35	0.60	565000 0	195000 0
39.3257866 00	26.032 032860	-13.12	-18.80	-0.36	0.33	0.30	0.58	570000 0	195000 0
39.2292041 80	26.598 899330	-13.07	-19.87	-0.37	0.25	0.26	0.57	575000 0	195000 0
39.1293217 00	27.164 298860	-10.91	-20.50	-0.38	0.34	0.33	0.59	580000 0	195000 0
39.0261528 60	27.728 192480	-9.89	-22.25	-0.24	0.25	0.22	0.42	585000 0	195000 0
38.9197116 70	28.290 542360	-8.89	-22.78	0.02	0.29	0.27	0.47	590000 0	195000 0
38.8100124 50	28.851 311820	-8.37	-22.65	0.08	0.30	0.28	0.51	595000 0	195000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
38.697069800	29.410465330	-8.15	-22.58	-0.06	0.27	0.24	0.50	6000000	1950000
38.580898630	29.967968550	-6.43	-21.59	-0.49	0.33	0.32	0.55	6050000	1950000
38.461514060	30.523788330	-5.21	-21.01	-0.80	0.25	0.25	0.43	6100000	1950000
38.338931510	31.077892720	-4.51	-19.94	-1.06	0.35	0.35	0.59	6150000	1950000
38.213166610	31.630250980	-3.46	-18.92	-1.17	0.36	0.35	0.61	6200000	1950000
38.084235220	32.180833560	-1.99	-17.90	-1.05	0.32	0.32	0.59	6250000	1950000
37.952153390	32.729612170	-0.38	-16.85	-0.94	0.32	0.32	0.60	6300000	1950000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
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
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	9.754630528	-0.13	-0.39	-1.01	0.26	0.28	0.46	4300000	1900000
40.1943362	10.338842690	-0.08	-0.32	-1.11	0.37	0.38	0.65	4350000	1900000
40.1196253	13.841479120	0.97	-0.51	-1.11	0.38	0.38	0.67	4650000	1900000
40.0950179	14.424293330	1.21	-0.54	-1.24	0.35	0.35	0.62	4700000	1900000
40.0669457	15.006686670	1.57	-0.35	-1.13	0.29	0.30	0.52	4750000	1900000
40.0354129	15.588604720	2.33	-0.02	-0.74	0.22	0.23	0.41	4800000	1900000
40.0004244	16.169993470	3.46	0.37	-0.45	0.23	0.24	0.43	4850000	1900000
39.9619855	16.750799350	3.81	0.72	-0.32	0.28	0.28	0.50	4900000	1900000
39.9201018	17.330969290	3.54	0.93	-0.35	0.33	0.33	0.58	4950000	1900000
39.8747798	17.910450770	3.49	0.78	-0.55	0.30	0.30	0.54	5000000	1900000
39.8260261	18.489191810	3.16	0.29	-0.79	0.25	0.25	0.49	5050000	1900000
39.7738480	19.067141090	2.04	-0.64	-0.88	0.34	0.35	0.64	5100000	1900000
39.7182533	19.644247930	1.08	-1.92	-0.87	0.29	0.31	0.65	5150000	1900000
39.6592501	20.220462340	-0.25	-2.90	-0.73	0.23	0.26	0.62	5200000	1900000
39.5968471	20.795735090	-2.97	-3.01	-0.58	0.20	0.23	0.55	5250000	1900000
39.5310533	21.370017690	-5.88	-3.85	-0.59	0.29	0.31	0.60	5300000	1900000
39.4618783	21.943262470	-8.59	-3.94	-0.73	0.20	0.27	0.61	5350000	1900000
39.3893320	22.515422610	-9.63	-2.95	-0.70	0.29	0.31	0.64	5400000	1900000
39.3134248	23.086452150	-9.67	-1.56	-0.50	0.32	0.34	0.63	5450000	1900000
39.2341676	23.656306020	-21.81	-7.04	-0.20	0.26	0.31	0.58	5500000	1900000
39.1515713	24.224940090	-26.03	-16.54	-0.10	0.33	0.62	0.54	5550000	1900000
39.0656477	24.792311200	-26.09	-16.51	-0.17	0.34	0.61	0.53	5600000	1900000
38.9764086	25.358377160	-26.65	-18.50	-0.37	0.41	0.63	0.63	5650000	1900000
38.8838664	25.923096770	-11.32	-16.94	-0.47	0.36	0.35	0.64	5700000	1900000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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	-8.512694347	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
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
39.384263410	1.661332448	-0.10	-0.40	-1.36	0.35	0.35	0.58	3600000	1850000
39.432082600	2.236275624	0.00	-0.26	-1.37	0.32	0.32	0.54	3650000	1850000
39.476495830	2.811929519	0.09	-0.16	-1.34	0.21	0.21	0.34	3700000	1850000
39.517496610	3.388243571	0.17	-0.09	-1.18	0.20	0.20	0.33	3750000	1850000
39.555078940	3.965166669	0.09	-0.12	-0.99	0.32	0.32	0.53	3800000	1850000
39.589237280	4.542647197	0.04	-0.12	-0.91	0.37	0.37	0.64	3850000	1850000
39.722036050	8.016292545	0.05	-0.55	-1.10	0.36	0.37	0.65	4150000	1850000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
39.7321132	8.596196092	-0.05	-0.75	-1.16	0.27	0.30	0.50	4200000	1850000
39.7387401	9.176230995	-0.20	-0.64	-1.13	0.23	0.23	0.41	4250000	1850000
39.7419157	9.756343016	-0.16	-0.34	-1.21	0.28	0.29	0.49	4300000	1850000
39.6152805	14.971876470	1.67	-0.18	-1.61	0.36	0.36	0.63	4750000	1850000
39.5840022	15.549785010	2.15	0.15	-1.34	0.30	0.30	0.53	4800000	1850000
39.5492957	16.127179830	3.01	0.42	-0.88	0.21	0.22	0.41	4850000	1850000
39.5111660	16.704008940	3.44	1.02	-0.40	0.22	0.23	0.44	4900000	1850000
39.4696188	17.280220790	3.02	1.51	-0.35	0.30	0.30	0.56	4950000	1850000
39.4246602	17.855764350	2.66	0.92	-0.50	0.36	0.36	0.64	5000000	1850000
39.3762967	18.430589160	2.16	0.13	-0.67	0.37	0.37	0.67	5050000	1850000
39.2693836	19.577883620	0.50	-2.11	-0.77	0.37	0.38	0.70	5150000	1850000
39.2108494	20.150255450	-0.88	-3.62	-0.70	0.33	0.34	0.64	5200000	1850000
39.1489412	20.721712940	-3.51	-5.60	-0.61	0.28	0.30	0.56	5250000	1850000
39.0836677	21.292208950	-6.60	-7.73	-0.70	0.27	0.28	0.56	5300000	1850000
39.0150383	21.861697110	-8.24	-7.12	-0.79	0.27	0.26	0.57	5350000	1850000
38.9430625	22.430131870	-16.64	-9.11	-0.63	0.35	0.36	0.59	5400000	1850000
38.8677504	22.997468500	-18.03	-9.66	-0.30	0.23	0.23	0.50	5450000	1850000
38.7891124	23.563663120	-25.36	-16.70	-0.05	0.30	0.57	0.53	5500000	1850000
38.7071595	24.128672780	-24.44	-14.97	-0.08	0.29	0.55	0.47	5550000	1850000
38.6219027	24.692455410	-25.10	-15.79	-0.27	0.34	0.56	0.52	5600000	1850000
38.5333538	25.254969900	-25.54	-17.73	-0.47	0.41	0.59	0.64	5650000	1850000
38.4415246	25.816176110	-24.46	-19.17	-0.59	0.40	0.55	0.63	5700000	1850000
38.3464273	26.376034880	-23.13	-20.09	-0.74	0.35	0.49	0.55	5750000	1850000
38.2480746	26.934508070	-23.82	-21.02	-0.65	0.49	0.54	0.62	5800000	1850000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
35.937036050	36.713038480	10.86	-6.24	-0.81	0.50	0.43	0.73	6700000	1850000
35.779567060	37.239381330	11.39	-5.91	-0.79	0.50	0.46	0.79	6750000	1850000
37.289058620	-9.489250521	0.22	-1.02	-1.24	0.39	0.39	0.69	2600000	1800000
37.402136260	-8.941167519	0.40	-1.50	-1.41	0.30	0.30	0.52	2650000	1800000
37.512043570	-8.391571808	0.41	-1.79	-1.30	0.25	0.26	0.43	2700000	1800000
37.618766930	-7.840495668	0.35	-1.72	-0.80	0.25	0.25	0.43	2750000	1800000
37.722293000	-7.287972427	0.43	-1.68	-0.73	0.29	0.29	0.49	2800000	1800000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
37.822608710	-6.734036448	0.36	-1.69	-0.73	0.27	0.27	0.45	2850000	1800000
37.919701290	-6.178723109	0.15	-1.51	-0.63	0.27	0.27	0.44	2900000	1800000
38.013558240	-5.622068797	-0.06	-1.36	-0.57	0.26	0.26	0.44	2950000	1800000
38.104167390	-5.064110880	-0.06	-1.35	-0.58	0.28	0.28	0.46	3000000	1800000
38.191516880	-4.504887694	0.02	-1.33	-0.72	0.27	0.27	0.45	3050000	1800000
38.275595210	-3.944438524	0.04	-1.31	-0.86	0.28	0.29	0.47	3100000	1800000
38.356391180	-3.382803578	-0.31	-1.41	-0.94	0.30	0.31	0.50	3150000	1800000
38.433893980	-2.820023964	-0.52	-1.32	-0.90	0.31	0.32	0.52	3200000	1800000
38.508093160	-2.256141671	-0.49	-1.04	-0.76	0.33	0.33	0.54	3250000	1800000
38.578978630	-1.691199535	-0.31	-0.88	-0.70	0.29	0.29	0.48	3300000	1800000
38.646540690	-1.125241221	-0.13	-0.83	-0.69	0.26	0.26	0.42	3350000	1800000
38.710770050	-0.558311185	0.05	-0.71	-0.68	0.23	0.23	0.39	3400000	1800000
38.771657810	0.009545348	-0.05	-0.46	-0.83	0.21	0.21	0.37	3450000	1800000
38.829195500	0.578282421	-0.03	-0.42	-1.07	0.33	0.33	0.55	3500000	1800000
38.883375050	1.147853371	-0.03	-0.40	-1.37	0.27	0.27	0.44	3550000	1800000
38.934188850	1.718210871	-0.03	-0.33	-1.47	0.28	0.28	0.45	3600000	1800000
38.981629700	2.289306957	0.01	-0.21	-1.34	0.36	0.36	0.60	3650000	1800000
39.025690870	2.861093066	0.00	-0.15	-1.22	0.32	0.32	0.54	3700000	1800000
39.066366070	3.433520076	0.04	-0.10	-1.11	0.35	0.35	0.59	3750000	1800000
39.269272990	8.029959106	0.14	-0.51	-0.95	0.33	0.36	0.62	4150000	1800000
39.279269380	8.605870350	0.10	-0.64	-0.77	0.18	0.24	0.40	4200000	1800000
39.285843120	9.181909080	-0.08	-0.48	-0.95	0.17	0.17	0.29	4250000	1800000
39.288993260	9.758022656	0.02	-0.29	-1.50	0.25	0.27	0.47	4300000	1800000
39.163371250	14.937731210	2.05	-0.20	-2.27	0.35	0.35	0.61	4750000	1800000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
39.132342410	15.511706060	2.36	0.15	-1.97	0.32	0.32	0.56	4800000	1800000
39.097912280	16.085182260	2.88	0.52	-1.25	0.24	0.25	0.46	4850000	1800000
39.060085820	16.658109270	3.07	1.58	-0.53	0.22	0.22	0.42	4900000	1800000
39.018868460	17.230437060	2.58	2.08	-0.39	0.26	0.27	0.52	4950000	1800000
38.820214930	19.512772770	-0.12	-2.08	-0.75	0.41	0.42	0.74	5150000	1800000
38.762140680	20.081372070	-8.91	-7.58	-0.74	0.41	0.38	0.64	5200000	1800000
38.700717680	20.649083440	-13.18	-7.19	-0.72	0.23	0.21	0.44	5250000	1800000
38.635954480	21.215861020	-7.17	-10.85	-1.00	0.21	0.22	0.43	5300000	1800000
38.567860040	21.781659710	-15.76	-11.22	-1.14	0.28	0.30	0.45	5350000	1800000
38.496443720	22.346435180	-15.64	-11.60	-0.75	0.25	0.27	0.46	5400000	1800000
38.421715270	22.910143900	-18.04	-11.05	-0.23	0.27	0.29	0.49	5450000	1800000
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



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



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



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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
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	-0.418255808	0.44	-0.68	-1.01	0.28	0.28	0.47	3400000	1700000
37.873149240	0.142301278	0.26	-0.43	-0.98	0.37	0.37	0.65	3450000	1700000
38.361150870	12.034371850	1.46	-0.74	-1.14	0.38	0.38	0.68	4500000	1700000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
38.3474050 40	12.602 323060	2.18	-0.99	-1.10	0.31	0.32	0.56	455000 0	170000 0
38.3302937 80	13.170 047350	2.82	-1.04	-0.88	0.26	0.28	0.49	460000 0	170000 0
38.3098194 60	13.737 495570	3.14	-1.01	-1.01	0.31	0.32	0.54	465000 0	170000 0
38.2859849 40	14.304 618760	4.05	-0.99	-1.42	0.29	0.29	0.52	470000 0	170000 0
38.2587935 30	14.871 368260	5.35	-0.62	-1.53	0.24	0.24	0.45	475000 0	170000 0
38.2282489 70	15.437 695690	4.34	0.16	-1.21	0.21	0.24	0.45	480000 0	170000 0
38.1943555 00	16.003 553010	2.49	0.77	-0.85	0.22	0.25	0.49	485000 0	170000 0
38.1571177 70	16.568 892570	2.20	1.03	-0.64	0.30	0.30	0.58	490000 0	170000 0
37.8637783 70	19.947 444820	-7.95	-13.00	-0.90	0.45	0.42	0.73	520000 0	170000 0
37.8032979 70	20.507 864930	-11.87	-12.47	-1.04	0.37	0.35	0.60	525000 0	170000 0
37.7395261 00	21.067 403890	-14.89	-14.03	-1.25	0.29	0.29	0.47	530000 0	170000 0
37.6724711 90	21.626 019010	-28.42	-18.15	-1.54	0.36	0.44	0.44	535000 0	170000 0
37.6021420 50	22.183 668300	-26.47	-17.81	-1.65	0.33	0.43	0.45	540000 0	170000 0
37.5285478 70	22.740 310530	-27.38	-16.84	-1.53	0.29	0.42	0.45	545000 0	170000 0
37.4516981 80	23.295 905200	-28.10	-17.44	-1.16	0.25	0.41	0.49	550000 0	170000 0
37.3716029 10	23.850 412630	-27.99	-17.56	-0.88	0.32	0.45	0.57	555000 0	170000 0
37.2882722 80	24.403 793940	-27.51	-17.51	-0.75	0.34	0.45	0.60	560000 0	170000 0
37.2017169 00	24.956 011070	-26.78	-17.54	-0.28	0.31	0.42	0.59	565000 0	170000 0
37.1119476 60	25.507 026850	-26.14	-17.68	0.53	0.34	0.42	0.52	570000 0	170000 0
37.0189757 90	26.056 804950	-27.23	-17.53	0.79	0.42	0.44	0.55	575000 0	170000 0
36.9228128 10	26.605 309970	-28.18	-17.06	0.24	0.44	0.42	0.61	580000 0	170000 0
36.8234705 40	27.152 507410	-28.22	-16.17	-0.53	0.47	0.39	0.59	585000 0	170000 0
36.7209610 90	27.698 363690	-26.99	-14.59	-1.21	0.52	0.36	0.56	590000 0	170000 0
36.6152968 30	28.242 846190	-23.66	-13.59	-1.44	0.59	0.39	0.59	595000 0	170000 0



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
36.506490390	28.785923250	-20.07	-14.04	-1.86	0.63	0.38	0.53	6000000	1700000
36.394554650	29.327564170	-20.17	-15.66	-1.99	0.69	0.38	0.55	6050000	1700000
36.279502740	29.867739250	-4.07	-9.47	-1.79	0.36	0.34	0.64	6100000	1700000
36.161348000	30.406419780	-4.78	-10.10	-1.63	0.38	0.36	0.69	6150000	1700000
36.040103990	30.943578050	-3.73	-10.21	-1.47	0.42	0.41	0.75	6200000	1700000
35.788403440	32.013222030	-1.11	-9.49	-1.37	0.41	0.41	0.75	6300000	1700000
35.657974980	32.545657410	0.15	-8.77	-1.38	0.37	0.38	0.68	6350000	1700000
35.524513420	33.076469860	1.51	-7.90	-1.28	0.33	0.34	0.58	6400000	1700000
35.388033210	33.605636790	3.02	-7.60	-0.89	0.30	0.30	0.53	6450000	1700000
35.248548970	34.133136640	4.05	-7.64	-0.72	0.32	0.32	0.61	6500000	1700000
35.106075430	34.658948870	4.56	-7.89	-0.67	0.40	0.40	0.73	6550000	1700000
34.812220030	35.705433520	8.42	-5.28	-0.57	0.47	1.00	0.78	6650000	1700000
36.397519660	-6.956577245	0.42	-2.17	-0.72	0.37	0.38	0.65	2800000	1650000
36.495633660	-6.412352794	0.48	-2.77	-0.62	0.25	0.26	0.44	2850000	1650000
36.590586940	-5.866862070	0.50	-3.06	-0.27	0.27	0.28	0.46	2900000	1650000
36.682368070	-5.320138884	0.21	-3.09	0.14	0.24	0.24	0.40	2950000	1650000
36.770965900	-4.772217922	-0.50	-2.99	-0.34	0.25	0.26	0.43	3000000	1650000
36.856369590	-4.223134732	-1.02	-2.84	-0.88	0.26	0.27	0.44	3050000	1650000
36.938568600	-3.672925699	-1.13	-2.64	-0.83	0.25	0.25	0.45	3100000	1650000
37.017552690	-3.121628031	-0.72	-2.23	-0.68	0.30	0.30	0.51	3150000	1650000
37.093311990	-2.569279735	-0.33	-1.78	-0.42	0.23	0.23	0.38	3200000	1650000
37.165836920	-2.015919594	0.24	-1.24	-0.39	0.28	0.28	0.47	3250000	1650000
37.235118280	-1.461587145	0.72	-0.92	-0.58	0.32	0.32	0.55	3300000	1650000
37.301147210	-0.906322654	0.95	-0.77	-0.90	0.32	0.32	0.55	3350000	1650000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
37.3639152	-0.350167090	0.63	-0.58	-1.01	0.36	0.36	0.62	3400000	1650000
37.9076788	12.020863620	1.69	-0.92	-1.11	0.36	0.36	0.65	4500000	1650000
37.8940393	12.585050540	2.66	-1.37	-1.06	0.21	0.21	0.40	4550000	1650000
37.8770602	13.149017120	2.97	-1.41	-0.68	0.23	0.23	0.41	4600000	1650000
37.8567440	13.712715610	3.03	-1.30	-0.53	0.28	0.28	0.48	4650000	1650000
37.8330933	14.276098470	4.02	-1.23	-0.65	0.30	0.30	0.53	4700000	1650000
37.8061114	14.839118430	5.04	-0.86	-0.78	0.29	0.29	0.51	4750000	1650000
37.7758020	15.401728510	4.13	-0.12	-0.83	0.26	0.29	0.52	4800000	1650000
37.7421691	15.963882030	2.29	0.37	-0.87	0.29	0.32	0.59	4850000	1650000
37.7052172	16.525532690	1.71	0.48	-0.78	0.37	0.37	0.69	4900000	1650000
37.3540918	20.439210150	-31.10	-15.89	-0.97	0.56	0.50	0.70	5250000	1650000
37.2908015	20.995225930	-30.49	-17.67	-1.14	0.49	0.46	0.61	5300000	1650000
37.2242516	21.550344020	-28.38	-20.70	-1.39	0.40	0.42	0.49	5350000	1650000
37.1544506	22.104523590	-27.35	-20.96	-1.63	0.31	0.37	0.39	5400000	1650000
37.0814076	22.657724480	-28.15	-18.66	-1.78	0.31	0.39	0.46	5450000	1650000
37.0051316	23.209907260	-28.25	-17.62	-1.55	0.31	0.40	0.51	5500000	1650000
36.9256325	23.761033280	-27.70	-17.46	-1.03	0.36	0.44	0.61	5550000	1650000
36.8429200	24.311064650	-27.12	-17.41	-0.74	0.28	0.37	0.57	5600000	1650000
36.7570046	24.859964310	-27.30	-17.61	0.03	0.33	0.39	0.58	5650000	1650000
36.6678967	25.407696000	-28.26	-17.80	1.04	0.35	0.38	0.53	5700000	1650000
36.5756072	25.954224300	-28.99	-17.01	1.06	0.39	0.40	0.57	5750000	1650000
36.4801475	26.499514670	-29.89	-15.69	0.37	0.41	0.37	0.62	5800000	1650000
36.3815288	27.043533440	-30.04	-14.07	-0.58	0.48	0.37	0.58	5850000	1650000
36.2797631	27.586247830	-29.53	-11.66	-1.12	0.50	0.33	0.51	5900000	1650000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
36.1748623	28.127626000	-26.45	-10.54	-1.34	0.54	0.32	0.55	5950000	1650000
36.0668387	28.667636990	-23.52	-13.04	-1.63	0.65	0.40	0.65	6000000	1650000
35.9557048	29.206250820	-22.77	-15.20	-1.73	0.72	0.43	0.70	6050000	1650000
35.8414733	29.743438420	-4.13	-8.03	-1.65	0.42	0.40	0.74	6100000	1650000
35.7241573	30.279171710	-4.11	-8.75	-1.53	0.42	0.41	0.77	6150000	1650000
35.3538347	31.877379340	-1.14	-8.38	-1.33	0.43	0.43	0.78	6300000	1650000
35.2243142	32.407033920	0.05	-7.63	-1.37	0.40	0.40	0.72	6350000	1650000
35.0917769	32.935108380	1.35	-6.61	-1.38	0.30	0.32	0.57	6400000	1650000
34.9562370	33.461580540	2.86	-6.71	-0.85	0.28	0.29	0.50	6450000	1650000
34.8177086	33.986429200	3.74	-6.79	-0.68	0.35	0.35	0.65	6500000	1650000
34.6762060	34.509634170	4.34	-6.96	-0.61	0.41	0.41	0.74	6550000	1650000
36.0523973	-6.308954064	0.46	-3.15	-0.69	0.34	0.34	0.59	2850000	1600000
36.1466635	-5.766631169	0.61	-4.05	-0.58	0.25	0.26	0.42	2900000	1600000
36.2377780	-5.223109737	0.38	-3.89	-0.37	0.25	0.27	0.43	2950000	1600000
36.3257300	-4.678423603	-0.24	-3.43	-0.65	0.32	0.33	0.55	3000000	1600000
36.4105090	-4.132607429	-0.64	-3.13	-1.06	0.33	0.33	0.55	3050000	1600000
36.4921047	-3.585696686	-0.74	-2.95	-1.23	0.30	0.30	0.50	3100000	1600000
36.5705073	-3.037727634	-0.28	-2.46	-1.19	0.32	0.32	0.53	3150000	1600000
36.6457071	-2.488737299	0.16	-1.78	-1.04	0.28	0.28	0.46	3200000	1600000
36.7176948	-1.938763458	0.39	-1.25	-0.83	0.35	0.35	0.59	3250000	1600000
36.7864615	-1.387844608	0.56	-0.88	-0.80	0.39	0.39	0.68	3300000	1600000
37.4539509	12.007607760	1.55	-0.95	-1.08	0.39	0.39	0.71	4500000	1600000
37.4404156	12.568100580	2.17	-1.34	-1.04	0.32	0.32	0.60	4550000	1600000
37.4235662	13.128379400	2.47	-1.73	-1.04	0.24	0.25	0.47	4600000	1600000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
37.403404980	13.688397850	2.99	-2.03	-0.71	0.20	0.21	0.40	4650000	1600000
37.379934620	14.248109760	3.17	-1.76	-0.68	0.25	0.26	0.45	4700000	1600000
37.353158230	14.807469210	3.84	-1.53	-1.06	0.26	0.27	0.46	4750000	1600000
37.323079330	15.366430530	3.77	-0.87	-1.14	0.29	0.31	0.54	4800000	1600000
36.841730090	20.924371130	-29.70	-19.01	-0.96	0.52	0.47	0.69	5300000	1600000
36.775675670	21.476053520	-29.15	-22.16	-1.03	0.40	0.38	0.52	5350000	1600000
36.706393010	22.026823790	-28.35	-22.13	-0.83	0.35	0.37	0.45	5400000	1600000
36.633890760	22.576642830	-27.79	-19.51	-0.74	0.30	0.36	0.41	5450000	1600000
36.558177900	23.125472280	-27.41	-17.40	-0.95	0.26	0.32	0.42	5500000	1600000
36.479263770	23.673274480	-27.27	-17.31	-0.71	0.36	0.41	0.60	5550000	1600000
36.397158030	24.220012500	-27.26	-17.38	-0.49	0.35	0.40	0.62	5600000	1600000
36.311870660	24.765650230	-27.90	-17.61	0.04	0.36	0.40	0.61	5650000	1600000
36.223411930	25.310152320	-29.26	-17.76	0.74	0.34	0.35	0.55	5700000	1600000
36.131792430	25.853484240	-29.42	-16.80	0.38	0.42	0.40	0.63	5750000	1600000
36.037023030	26.395612290	-29.81	-15.37	-0.29	0.46	0.41	0.66	5800000	1600000
35.939114880	26.936503600	-30.49	-13.41	-0.98	0.49	0.38	0.61	5850000	1600000
35.838079400	27.476126200	-30.62	-11.18	-1.31	0.50	0.33	0.55	5900000	1600000
35.733928270	28.014448960	-28.36	-11.33	-1.37	0.57	0.37	0.63	5950000	1600000
35.626673430	28.551441660	-25.60	-13.54	-1.47	0.66	0.43	0.72	6000000	1600000
34.918662850	31.743889160	-1.23	-7.52	-1.22	0.44	0.44	0.81	6300000	1600000
34.790034610	32.270802300	-0.13	-7.00	-1.20	0.42	0.43	0.77	6350000	1600000
34.658405760	32.796176910	1.03	-6.50	-1.10	0.40	0.41	0.72	6400000	1600000
34.523789980	33.319991200	2.17	-6.32	-0.87	0.40	0.40	0.71	6450000	1600000
34.386201110	33.842224360	3.11	-6.28	-0.69	0.41	0.41	0.74	6500000	1600000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
32.781638670	-17.719150630	0.28	-2.35	-0.93	0.40	0.39	0.72	1750000	1550000
32.941014800	-17.212172740	0.37	-3.59	-1.00	0.32	0.31	0.58	1800000	1550000
33.097542190	-16.703527080	0.42	-3.65	-0.95	0.34	0.34	0.62	1850000	1550000
33.251206670	-16.193226770	0.28	-2.94	-0.89	0.37	0.36	0.71	1900000	1550000
35.511989230	-6.745405585	0.39	-2.43	-0.73	0.42	0.42	0.74	2800000	1550000
35.608701460	-6.207396864	0.43	-3.34	-0.70	0.38	0.38	0.65	2850000	1550000
35.702292990	-5.668190289	0.46	-4.61	-0.66	0.28	0.28	0.46	2900000	1550000
35.792753030	-5.127818052	0.34	-4.54	-0.63	0.25	0.26	0.43	2950000	1550000
35.880071070	-4.586313157	0.16	-3.56	-0.82	0.37	0.37	0.62	3000000	1550000
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



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
32.356400980	-17.561261570	0.36	-2.43	-0.93	0.39	0.39	0.70	1750000	1500000
32.514763870	-17.056505330	0.68	-3.98	-0.98	0.27	0.27	0.45	1800000	1500000
32.670290200	-16.550123300	0.61	-3.89	-0.96	0.31	0.31	0.54	1850000	1500000
32.822966130	-16.042128440	0.35	-2.85	-0.90	0.39	0.38	0.71	1900000	1500000
35.164543360	-6.107639477	0.42	-3.21	-0.68	0.40	0.40	0.69	2850000	1500000
35.257472470	-5.571498682	0.35	-4.06	-0.64	0.34	0.34	0.57	2900000	1500000
35.347289950	-5.034224092	0.33	-4.06	-0.69	0.33	0.34	0.57	2950000	1500000
35.433985560	-4.495847899	0.41	-3.30	-0.87	0.39	0.39	0.68	3000000	1500000
35.517549390	-3.956403063	0.68	-2.94	-1.12	0.39	0.39	0.68	3050000	1500000
35.597971760	-3.415923291	1.26	-3.02	-1.41	0.34	0.34	0.57	3100000	1500000
35.675243330	-2.874443021	1.64	-2.93	-1.56	0.28	0.28	0.47	3150000	1500000
35.820298140	-1.788622274	0.74	-1.30	-1.13	0.42	0.42	0.75	3250000	1500000
35.888064210	-1.244354145	0.51	-0.82	-1.00	0.43	0.43	0.80	3300000	1500000
36.555764640	11.428362140	0.95	-0.71	-1.11	0.44	0.44	0.81	4450000	1500000
36.545698090	11.981828510	1.37	-1.03	-1.20	0.42	0.42	0.77	4500000	1500000
36.532365210	12.535136860	1.83	-1.36	-1.27	0.41	0.41	0.74	4550000	1500000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
36.4727875	14.193675460	3.27	-1.85	-1.57	0.35	0.35	0.61	4700000	1500000
36.4464103	14.745914280	3.61	-1.72	-1.71	0.31	0.31	0.53	4750000	1500000
36.4167794	15.297777360	3.10	-1.27	-1.53	0.36	0.36	0.63	4800000	1500000
35.7377098	22.418852100	-27.40	-18.13	-0.06	0.44	0.44	0.70	5450000	1500000
35.6630919	22.961145660	-26.85	-17.60	0.03	0.39	0.41	0.66	5500000	1500000
35.5853156	23.502468190	-26.48	-17.27	-0.02	0.32	0.37	0.58	5550000	1500000
35.5043900	24.042784670	-27.01	-16.79	-0.41	0.20	0.25	0.41	5600000	1500000
35.4203244	24.582060770	-27.29	-17.20	-0.73	0.25	0.29	0.50	5650000	1500000
35.3331286	25.120262900	-27.75	-17.07	-1.22	0.26	0.27	0.47	5700000	1500000
35.2428126	25.657358230	-28.19	-16.33	-1.70	0.29	0.27	0.49	5750000	1500000
35.1493866	26.193314680	-28.29	-16.08	-1.66	0.32	0.25	0.55	5800000	1500000
35.0528611	26.728100970	-28.58	-15.16	-1.59	0.48	0.39	0.67	5850000	1500000
34.9532470	27.261686620	-28.23	-14.72	-1.54	0.55	0.43	0.72	5900000	1500000
32.0877423	-16.903394770	0.45	-2.61	-0.92	0.39	0.39	0.68	1800000	1450000
32.2422838	-16.399249260	0.45	-2.68	-0.92	0.39	0.39	0.69	1850000	1450000
32.3939873	-15.893531650	0.31	-2.12	-0.88	0.42	0.41	0.76	1900000	1450000
35.0704427	-3.870652033	0.86	-2.59	-1.02	0.40	0.40	0.71	3050000	1450000
35.1502944	-3.333307170	1.50	-2.78	-1.19	0.34	0.34	0.58	3100000	1450000
35.2270160	-2.794989371	2.01	-2.92	-1.27	0.23	0.23	0.38	3150000	1450000
35.3005987	-2.255732882	1.26	-1.89	-1.20	0.38	0.38	0.67	3200000	1450000
35.3710339	-1.715572615	0.77	-1.18	-1.08	0.42	0.42	0.77	3250000	1450000
35.4383136	-1.174544125	0.48	-0.74	-0.98	0.44	0.44	0.82	3300000	1450000
36.0779239	12.519108060	2.07	-1.62	-1.41	0.39	0.39	0.67	4550000	1450000
36.0614488	13.068726590	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
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
34.609938110	23.871813080	-27.26	-16.54	-0.38	0.34	0.38	0.58	5600000	1400000
34.527050250	24.404936760	-27.74	-16.55	-0.70	0.37	0.41	0.61	5650000	1400000
34.441071980	24.937044420	-27.97	-16.57	-1.04	0.41	0.44	0.69	5700000	1400000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastin g	northi ng
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
29.652981320	-13.934429040	0.47	-2.33	-1.21	0.39	0.40	0.70	2000000	1100000
29.789976500	-13.440011270	0.38	-1.95	-1.03	0.39	0.40	0.73	2050000	1100000
27.703882970	-18.660668170	0.19	-2.62	-1.25	0.37	0.38	0.66	1500000	1050000
27.867320120	-18.181355710	0.05	-3.97	-1.40	0.23	0.27	0.42	1550000	1050000
28.028080840	-17.700704630	-0.12	-3.90	-0.86	0.28	0.30	0.49	1600000	1050000
28.186154060	-17.218722790	0.45	-3.76	-0.85	0.25	0.33	0.53	1650000	1050000
28.341528700	-16.735418760	0.27	-4.10	-1.26	0.16	0.17	0.27	1700000	1050000
28.494193720	-16.250801800	0.32	-4.36	-1.17	0.14	0.13	0.28	1750000	1050000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	eastining	northining
28.64413810	-15.764881860	0.33	-3.43	-1.29	0.35	0.35	0.60	1800000	1050000
28.79135090	-15.277669590	0.39	-3.03	-1.30	0.39	0.39	0.68	1850000	1050000
29.07753820	-14.299414160	0.64	-3.34	-1.47	0.36	0.36	0.62	1950000	1050000
29.21649100	-13.808395770	0.81	-3.60	-1.51	0.28	0.29	0.49	2000000	1050000
29.35266900	-13.316134630	0.58	-2.92	-1.05	0.27	0.32	0.56	2050000	1050000
27.27536030	-18.517189940	0.23	-2.28	-1.29	0.38	0.39	0.69	1500000	1000000
27.43788370	-18.039678230	0.29	-3.39	-1.44	0.28	0.30	0.49	1550000	1000000
27.59774030	-17.560861290	0.14	-3.38	-1.28	0.32	0.33	0.56	1600000	1000000
27.75491940	-17.080746890	0.47	-3.33	-1.23	0.32	0.35	0.60	1650000	1000000
27.90941030	-16.599343460	0.62	-3.79	-1.49	0.26	0.26	0.43	1700000	1000000
28.06120200	-16.116660130	0.36	-4.06	-1.55	0.28	0.28	0.47	1750000	1000000
28.21028400	-15.632706670	0.39	-3.88	-1.59	0.24	0.25	0.42	1800000	1000000
28.35664550	-15.147493550	0.51	-3.59	-1.41	0.32	0.33	0.56	1850000	1000000
28.50027600	-14.661031930	0.64	-3.78	-1.32	0.35	0.35	0.59	1900000	1000000
28.64116480	-14.173333630	0.69	-4.15	-1.36	0.27	0.27	0.45	1950000	1000000
28.77930140	-13.684411150	0.95	-4.11	-1.60	0.22	0.23	0.37	2000000	1000000
28.91467550	-13.194277660	0.74	-3.01	-1.12	0.31	0.33	0.57	2050000	1000000
27.62744330	-15.984660950	0.47	-3.33	-1.40	0.31	0.33	0.55	1750000	9500000
27.77567650	-15.502649200	0.67	-3.97	-1.54	0.20	0.24	0.40	1800000	9500000
27.92120040	-15.019409690	0.69	-3.74	-1.42	0.32	0.32	0.55	1850000	9500000
28.06400440	-14.534953370	0.88	-4.20	-1.19	0.26	0.26	0.44	1900000	9500000
28.20407840	-14.049291830	0.62	-4.27	-1.27	0.17	0.18	0.30	1950000	9500000
28.34141210	-13.562437360	0.57	-3.37	-1.25	0.32	0.32	0.55	2000000	9500000
27.19291780	-15.854766500	0.39	-2.37	-1.24	0.39	0.40	0.70	1750000	9000000



#Latitude	Longitude	N	E	Up	Sigma N	Sigma E	Sigma UP	easting	northi ng
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
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