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Supplement of

The growth of shrubs on high Arctic tundra at Bylot Island: impact on snow physical properties and permafrost thermal regime

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FIGURE S2**Willows D1**

Distance, m	Height, cm
-4	44
-3.5	44
-3	41
-2.5	43
-2	44
-1.5	43
-1	41
-0.5	39
0	40
0.5	39
1	39
1.5	39
2	43
2.5	45
3	42
3.5	45
4	47

Willows D1b

Distance, m	Height, cm
-3	29
-2.5	31
-2	31
-1.5	30
-1	32
-0.5	35
0	35
0.5	30
1	28
1.5	28
2	22
2.5	21
3	20

Willows D2

Distance, m	Height, cm
-2	29
-1.5	30
-1	27
-0.5	30
0	31
0.5	30
1	32
1.5	32
2	38
2.5	31

Willows D2b

Distance, m	Height, cm
-2	46
-1.5	42
-1	42
-0.5	39
0	37
0.5	36
1	36
1.5	35
2	32

FIGURE S5

a- Density

Willows 1		Willows 2		Willows 3		Herb 1		Herb 2		Herb 3	
Density, kg/m ³	Height, cm	Density, kg/m ³	Height, cm	Density, kg/m ³	Height, cm	Density, kg/m ³	Height, cm	Density, kg/m ³	Height, cm	Density, kg/m ³	Height, cm
341	36.5	295	41.5	425	38.5	174	25.5	397	39.5	212	30.5
302	33.5	212	38.5	383	35.5	269	22.5	302	36.5	229	26.5
225	30	353	35	327	32.5	365	19.5	297	33.5	194	23.5
220	27	302	32	330	29	415	16.5	172	30.5	405	20
230	22.5	288	28	230	26	407	13.5	282	29	381	16.5
195	20	125	25	242	22	404	10	273	27	174	12
210	17	187	22	245	19	170	7	434	23	185	9
220	14	160	19	240	16	205	4	409	20	172	5
221	11	145	15	268	13	260	2	339	16	209	3
181	8	140	12	200	10	243	2	393	12	189	3
210	5	125	8	193	6	207	2	283	9	173	3
185	2	145	5	188	3	172	2	257	6	182	3
		160	2			215	2	199	2	195	3
								170	2		
								168	2		
								177	2		
								192	2		

b- Thermal conductivity

Willows 1		Willows 2		Willows 3		Herb 1		Herb 2		Herb 3	
Thermal Conduct. W/(m K)	Height, cm	Thermal Conduct. W/(m K)	Height, cm	Thermal Conduct. W/(m K)	Height, cm	Thermal Conduct. W/(m K)	Height, cm	Thermal Conduct. W/(m K)	Height, cm	Thermal Conduct. W/(m K)	Height, cm
0.211	36	0.051	39	0.215	38	0.037	2	0.028	2	0.028	2
0.079	31	0.143	30	0.061	33	0.045	2	0.028	3	0.028	3
0.042	25	0.056	23	0.161	28	0.035	3	0.031	3	0.031	3
0.033	18	0.034	15	0.058	23	0.029	7	0.033	3	0.033	3
0.048	14	0.028	15	0.030	19	0.190	8	0.036	3	0.036	3
0.034	10	0.026	10	0.030	11	0.270	14	0.045	11	0.045	11
0.026	4	0.025	10	0.035	5	0.109	22	0.103	16	0.103	16
		0.040	5	0.039	3	0.043	25	0.283	24	0.283	24
		0.025	4					0.030	30	0.030	30
								0.133	33.5	0.133	33.5
								0.127	38	0.127	38

c- Specific surface area

Willows 1		Willows 2		Willows 3		Herb 1		Herb 2		Herb 3	
SSA m ² /kg	Height, cm	SSA m ² /kg	Height, cm	SSA m ² /kg	Height, cm	SSA m ² /kg	Height, cm	SSA m ² /kg	Height, cm	SSA m ² /kg	Height, cm
26.4	38	30.4	43	33.3	40.5	37.6	28	33.5	46	42.8	30
29.5	37.5	16.9	42	30.4	39.5	29.1	27	29.8	45	30.3	29
31.6	36.5	19.3	40	29.0	38.5	31.8	26	33.7	44	29.7	28
25.4	35	18.8	38	28.9	37	34.4	25	31.8	43	28.2	27
24.9	33	22.2	36	28.5	35	35.3	24	34.2	42	27.7	26
19.5	31	21.4	34	30.7	33.5	34.4	23	43.4	41	27.3	25
24.7	29	24.0	32	30.2	32	26.7	22	42.6	40	29.0	24
20.3	27	22.1	30	33.0	30	24.8	21	40.8	39	32.3	23
15.6	25	15.3	28	26.2	28	26.8	20	39.5	38	33.6	22
11.9	23	15.1	26	19.6	26	26.5	19	42.1	36	27.7	21
9.8	21	14.7	24	19.2	24	26.8	18	33.3	34	19.1	20
9.6	19	11.7	22	23.7	22.5	25.8	14	29.1	32	25.9	19
8.4	17	12.5	20	13.9	20	19.6	12.5	35.0	30	18.8	18
8.9	15	11.1	18	12.7	18	19.2	12	33.5	29	19.6	17
9.8	13	9.1	16	9.2	16	19.8	11	25.5	26	15.7	15.5
9.9	11	10.3	13.5	9.4	13	15.5	10.5	24.8	24	20.8	14.5
9.5	9	9.1	11	7.8	11	11.9	10	22.3	22	14.0	13
10.3	7	9.2	9	8.0	9	11.8	7.5	19.3	20	14.1	12
11.1	5	9.5	7	9.5	5.5	12.3	6	19.3	18	14.1	11
9.1	3	8.4	5	8.8	4	11.9	3	13.0	14	11.9	10
		10.4	3	9.4	2	12.4	2	16.3	12	16.4	9
		10.6	1.5					16.5	10	14.5	8

11.3	7	11.9	7
10.7	5	12.5	6
12.8	3	12.4	5
11.4	1	13.8	4
		12.8	2

FIGURE S7

a- Density

Willows D1b Center		Willows D1b South		Willows D2b Center		Willows D2b South	
Density, kg/m ³	Height, cm	Density, kg/m ³	Height, cm	Density, kg/m ³	Height, cm	Density, kg/m ³	Height, cm
340	17.5	342	19	380	28	365	29.5
225	14.5	288	16	260	25.5	388	26.5
206	11	295	13	260	22	332	23.5
188	7	192	10	415	19	310	20
231	7	185	7	505	15	188	17
208	4	130	4	230	12	168	14
180	4	152	3	110	9	200	11
142	4	170	3	160	4	272	7
233	4	250	-4			246	4
						254	4
						254	4

b- Thermal conductivity

Willows D1b Center		Willows D1b South		Willows D2b Center		Willows D2b South	
Thermal Conduct. W/(m K)	Height, cm	Thermal Conduct. W/(m K)	Height, cm	Thermal Conduct. W/(m K)	Height, cm	Thermal Conduct. W/(m K)	Height, cm
0.115	19	0.242	19	0.022	4	0.035	3
0.057	15	0.079	15	0.030	4	0.069	3
0.049	12	0.042	10	0.028	4	0.070	3
0.042	6	0.029	6	0.032	10	0.053	5
0.037	3	0.045	5	0.281	18	0.063	12
0.053	3	0.042	4	0.064	25	0.099	20
				0.167	28	0.100	24
						0.126	28

c- Specific surface area

Willows D1b Center		Willows D1b South		Willows D2b Center		Willows D2b South	
SSA m ² /kg	Height, cm	SSA m ² /kg	Height, cm	SSA m ² /kg	Height, cm	SSA m ² /kg	Height, cm
37.9	18	33.1	21	75.9	30	27.6	31
25.5	17.5	17.3	20	28.4	29.5	18.2	30

FIGURE S8

Date	Snow height, cm					Thermal resistance, m2 K W-1			
	Observ.	herb	shrub	shrubalb30	shrubalb60	herb	shrub	shrubalb30	shrubalb60
2014-09-01 06:00	1.7	0.00	0.00	0.00	0.00	--	--	--	--
2014-09-02 06:00	1.6	0.00	0.00	0.00	0.00	--	--	--	--
2014-09-03 06:00	0.3	0.04	0.04	0.04	0.04	0.005	0.005	0.005	0.005
2014-09-04 06:00	0.9	0.06	0.06	0.06	0.06	0.010	0.010	0.010	0.010
2014-09-05 06:00	1.5	0.00	0.00	0.00	0.00	--	--	--	--
2014-09-06 06:00	0.3	0.00	0.00	0.00	0.00	--	--	--	--
2014-09-07 06:00	1.3	0.05	0.05	0.05	0.05	0.007	0.007	0.007	0.007
2014-09-08 06:00	0.3	0.00	0.00	0.00	0.00	--	--	--	--
2014-09-09 06:00	0.9	0.00	0.00	0.00	0.00	--	--	--	--
2014-09-10 06:00	1.4	0.04	0.04	0.04	0.04	0.005	0.005	0.005	0.005
2014-09-11 06:00	0.8	0.01	0.04	0.04	0.04	0.001	0.004	0.004	0.004
2014-09-12 06:00	1.6	0.00	0.00	0.00	0.00	--	--	--	--
2014-09-13 06:00	8.1	0.16	0.66	0.66	0.65	0.016	0.072	0.072	0.072
2014-09-14 06:00	5.2	0.21	1.80	1.75	1.06	0.035	0.195	0.191	0.100
2014-09-15 06:00	4.2	1.04	2.64	2.20	0.33	0.074	0.195	0.161	0.037
2014-09-16 06:00	4.5	1.47	3.08	2.52	0.17	0.060	0.192	0.120	0.023
2014-09-17 06:00	3.2	2.64	4.25	3.46	0.39	0.118	0.261	0.182	0.056
2014-09-18 06:00	4.2	2.93	4.56	3.70	0.23	0.152	0.317	0.223	0.047
2014-09-19 06:00	4.2	4.67	6.28	4.97	1.28	0.416	0.562	0.395	0.222
2014-09-20 06:00	7.9	6.83	8.44	6.92	2.90	0.608	0.736	0.532	0.321
2014-09-21 06:00	10.1	10.46	12.12	10.51	6.47	1.365	1.522	1.296	1.082
2014-09-22 06:00	10.4	13.06	14.95	13.27	8.87	1.910	2.191	1.937	1.547
2014-09-23 06:00	9.5	12.96	15.18	13.39	8.70	1.782	2.220	1.944	1.468
2014-09-24 06:00	9.2	13.09	15.41	13.55	8.58	1.758	2.234	1.966	1.394
2014-09-25 06:00	8	13.09	15.47	13.56	8.48	1.733	2.222	1.945	1.377
2014-09-26 06:00	8.4	13.24	15.65	13.72	8.56	1.760	2.263	1.980	1.395
2014-09-27 06:00	9.4	13.71	16.15	14.20	8.98	1.869	2.388	2.103	1.506
2014-09-28 06:00	9.1	14.22	16.71	14.74	9.44	1.998	2.537	2.247	1.631
2014-09-29 06:00	11.5	14.02	17.17	15.17	9.76	1.896	2.621	2.326	1.680
2014-09-30 06:00	10	14.59	17.77	15.76	10.27	2.057	2.785	2.487	1.830
2014-10-01 06:00	10.1	14.80	18.02	16.00	10.48	2.108	2.852	2.551	1.886
2014-10-02 06:00	9	14.79	18.13	16.08	10.48	2.074	2.876	2.568	1.840
2014-10-03 06:00	10.6	14.91	18.28	16.21	10.55	2.099	2.911	2.599	1.856
2014-10-04 06:00	10.8	14.99	18.38	16.30	10.59	2.111	2.934	2.620	1.867
2014-10-05 06:00	10.4	14.90	18.46	16.37	10.65	2.076	2.952	2.635	1.880
2014-10-06 06:00	8.3	14.85	18.54	16.43	10.65	2.049	2.969	2.649	1.883
2014-10-07 06:00	10.1	14.90	18.62	16.50	10.71	2.055	2.985	2.665	1.896
2014-10-08 06:00	9.9	15.09	18.86	16.73	10.91	2.094	3.042	2.720	1.947
2014-10-09 06:00	8.5	15.36	19.16	17.03	11.19	2.159	3.124	2.801	2.025
2014-10-10 06:00	10.2	15.66	19.51	17.37	11.52	2.233	3.212	2.890	2.100
2014-10-11 06:00	11.2	16.62	20.53	18.38	12.52	2.439	3.445	3.123	2.330
2014-10-12 06:00	10.3	17.14	21.17	19.04	13.19	2.496	3.569	3.253	2.465
2014-10-13 06:00	10.5	17.37	21.62	19.49	13.64	2.446	3.634	3.323	2.537
2014-10-14 06:00	11.6	17.75	22.14	20.02	14.16	2.477	3.733	3.427	2.643
2014-10-15 06:00	11.6	18.05	22.62	20.50	14.64	2.505	3.834	3.532	2.754
2014-10-16 06:00	10.2	18.30	22.99	20.88	15.02	2.511	3.888	3.590	2.787
2014-10-17 06:00	10.1	18.56	23.35	21.24	15.39	2.550	3.970	3.678	2.878
2014-10-18 06:00	11.5	18.71	23.61	21.51	15.66	2.581	4.043	3.755	2.957
2014-10-19 06:00	13.5	19.37	24.34	22.24	16.39	2.803	4.285	4.006	3.210
2014-10-20 06:00	13.1	19.64	24.85	22.76	16.90	2.857	4.431	4.156	3.362
2014-10-21 06:00	13.7	20.34	25.68	23.59	17.74	3.067	4.695	4.424	3.631
2014-10-22 06:00	11.6	21.88	27.36	25.28	19.44	3.625	5.326	5.060	4.270
2014-10-23 06:00	12	20.83	28.21	26.13	20.29	2.997	5.862	5.601	4.813
2014-10-24 06:00	11.8	19.97	28.97	26.90	21.05	2.515	6.225	5.966	5.177
2014-10-25 06:00	10.8	19.19	29.54	27.47	21.62	2.197	6.383	6.129	5.341
2014-10-26 06:00	11.8	19.60	30.05	27.99	22.14	2.333	6.680	6.434	5.648

2014-10-27 06:00	12.7	20.33	30.81	28.76	22.91	2.813	7.291	7.045	6.259
2014-10-28 06:00	11.7	21.31	31.82	29.78	23.93	3.666	8.147	7.906	7.122
2014-10-29 06:00	12.8	24.23	34.84	32.81	26.97	5.170	9.739	9.505	8.736
2014-10-30 06:00	11.1	26.21	40.03	38.01	32.17	4.384	10.992	10.757	9.979
2014-10-31 06:00	11.7	25.88	40.25	38.25	32.42	4.003	10.718	10.493	9.630
2014-11-01 06:00	11.6	25.87	40.42	38.43	32.62	3.966	10.653	10.334	9.610
2014-11-02 06:00	12	25.77	40.45	38.48	32.69	3.857	10.550	10.249	9.554
2014-11-03 06:00	13.2	25.84	40.56	38.61	32.85	3.816	10.456	10.174	9.489
2014-11-04 06:00	11.6	23.73	40.06	38.86	33.11	2.986	10.185	10.102	9.398
2014-11-05 06:00	11	25.06	41.39	40.27	34.58	3.768	10.858	10.750	10.115
2014-11-06 06:00	12.2	25.16	41.51	40.60	34.97	3.754	10.824	10.994	10.439
2014-11-07 06:00	12.5	25.34	41.70	40.84	35.24	3.939	10.960	11.194	10.665
2014-11-08 06:00	14.8	28.75	45.09	44.27	38.72	7.046	14.003	14.289	13.832
2014-11-09 06:00	14	29.64	46.05	45.27	40.12	7.286	14.307	14.649	15.076
2014-11-10 06:00	14.7	28.49	44.95	44.25	40.15	5.459	12.397	12.755	14.885
2014-11-11 06:00	12	21.41	40.21	40.52	40.17	2.308	9.625	10.564	14.890
2014-11-12 06:00	12.4	19.70	40.43	40.20	40.42	1.946	9.669	10.384	14.826
2014-11-13 06:00	11.5	20.29	41.00	40.59	40.83	2.144	10.033	10.680	15.120
2014-11-14 06:00	11.7	21.29	41.98	41.57	41.78	3.132	10.940	11.593	16.004
2014-11-15 06:00	11.8	21.18	41.93	41.46	41.62	2.718	10.664	11.206	15.396
2014-11-16 06:00	12.6	21.19	41.91	41.45	41.59	2.731	10.652	11.192	15.347
2014-11-17 06:00	12.5	21.18	41.88	41.42	41.54	2.729	10.624	11.161	15.271
2014-11-18 06:00	12.8	21.18	41.86	41.40	41.49	2.736	10.604	11.138	15.208
2014-11-19 06:00	12.4	21.56	42.22	41.77	41.84	3.113	10.960	11.489	15.528
2014-11-20 06:00	11.7	22.01	42.64	42.20	42.25	3.509	11.336	11.913	15.865
2014-11-21 06:00	11.8	22.47	43.09	42.64	42.67	3.970	11.781	12.355	16.265
2014-11-22 06:00	11.3	22.80	43.39	42.95	42.96	4.298	12.086	12.658	16.536
2014-11-23 06:00	14	23.19	43.76	43.32	43.31	4.687	12.456	13.028	16.873
2014-11-24 06:00	12	23.75	44.30	43.86	43.83	5.238	12.986	13.556	17.355
2014-11-25 06:00	11.1	23.92	44.45	44.01	43.95	5.378	13.132	13.701	17.406
2014-11-26 06:00	11.4	23.91	44.42	43.99	43.92	5.376	13.114	13.681	17.359
2014-11-27 06:00	12.2	23.91	44.41	43.97	43.89	5.378	13.103	13.666	17.322
2014-11-28 06:00	11.7	23.90	44.39	43.96	43.86	5.375	13.088	13.650	17.284
2014-11-29 06:00	12.8	25.50	45.97	45.54	45.43	6.945	14.653	15.210	18.817
2014-11-30 06:00	14.1	26.41	46.88	46.45	46.31	7.797	15.508	16.056	19.622
2014-12-01 06:00	13.5	26.38	46.83	46.40	46.25	7.751	15.454	15.999	19.519
2014-12-02 06:00	14.2	26.37	46.81	46.38	46.22	7.722	15.423	15.967	19.470
2014-12-03 06:00	17.8	25.76	46.16	45.83	45.66	6.634	14.289	14.968	18.449
2014-12-04 06:00	19.2	25.72	46.11	45.79	45.61	6.581	14.226	14.921	18.382
2014-12-05 06:00	18.6	25.71	46.09	45.78	45.58	6.555	14.196	14.895	18.335
2014-12-06 06:00	20.1	25.70	46.07	45.76	45.55	6.528	14.163	14.866	18.284
2014-12-07 06:00	18.1	24.34	44.64	44.50	44.28	4.736	12.297	13.129	16.523
2014-12-08 06:00	17.8	24.28	44.57	44.45	44.21	4.679	12.228	13.068	16.441
2014-12-09 06:00	18.8	24.27	44.55	44.43	44.18	4.670	12.208	13.048	16.403
2014-12-10 06:00	19.3	24.14	44.41	44.30	44.05	4.501	12.026	12.876	16.214
2014-12-11 06:00	20.1	26.50	46.73	46.57	46.31	6.297	13.745	14.539	17.859
2014-12-12 06:00	17.7	26.22	46.18	45.97	45.69	4.900	12.199	12.965	16.253
2014-12-13 06:00	18.3	25.22	44.91	44.60	44.31	3.956	11.116	11.783	15.028
2014-12-14 06:00	18.3	25.21	44.88	44.56	44.26	3.941	11.086	11.742	14.973
2014-12-15 06:00	19	25.57	45.24	44.91	44.60	4.276	11.344	11.931	15.151
2014-12-16 06:00	17.5	25.71	45.36	45.03	44.72	4.228	11.376	12.000	15.208
2014-12-17 06:00	19.9	26.34	45.99	45.65	45.33	4.849	11.954	12.571	15.769
2014-12-18 06:00	21.4	27.05	46.71	46.35	46.03	5.419	12.586	13.155	16.341
2014-12-19 06:00	21.3	26.54	46.29	45.88	45.54	4.692	11.981	12.477	15.646
2014-12-20 06:00	21.6	26.52	46.26	45.84	45.51	4.682	11.958	12.431	15.606
2014-12-21 06:00	20.4	26.51	46.24	45.79	45.48	4.671	11.938	12.396	15.577
2014-12-22 06:00	19.6	26.49	46.21	45.75	45.45	4.661	11.918	12.363	15.548
2014-12-23 06:00	21.9	26.49	46.20	45.72	45.44	4.658	11.907	12.338	15.528
2014-12-24 06:00	22	26.44	46.15	45.64	45.38	4.579	11.829	12.237	15.438
2014-12-25 06:00	21	26.90	46.60	46.08	45.83	5.022	12.267	12.661	15.867

2014-12-26 06:00	20.2	26.89	46.58	46.04	45.81	5.017	12.254	12.637	15.846
2014-12-27 06:00	22.4	26.86	46.58	46.01	45.79	4.980	12.244	12.611	15.820
2014-12-28 06:00	22.6	26.85	46.57	45.99	45.78	4.961	12.232	12.589	15.795
2014-12-29 06:00	21.2	26.84	46.55	45.96	45.76	4.958	12.220	12.574	15.777
2014-12-30 06:00	22.6	26.64	46.35	45.76	45.56	4.695	11.964	12.313	15.512
2014-12-31 06:00	23	26.63	46.34	45.73	45.54	4.693	11.954	12.298	15.495
2015-01-01 06:00	22.4	26.63	46.33	45.71	45.53	4.691	11.947	12.287	15.483
2015-01-02 06:00	21.8	26.62	46.32	45.69	45.51	4.686	11.938	12.274	15.467
2015-01-03 06:00	20.8	26.96	46.65	46.01	45.84	4.997	12.255	12.588	15.774
2015-01-04 06:00	20.2	27.47	47.15	46.51	46.34	5.505	12.751	13.086	16.261
2015-01-05 06:00	20.9	27.47	47.13	46.49	46.33	5.510	12.743	13.076	16.246
2015-01-06 06:00	22.2	27.46	47.11	46.46	46.31	5.506	12.729	13.060	16.225
2015-01-07 06:00	22.3	27.95	47.59	46.94	46.79	5.997	13.209	13.541	16.699
2015-01-08 06:00	23.7	28.51	48.15	47.49	47.34	6.564	13.764	14.098	17.249
2015-01-09 06:00	22	29.22	48.85	48.19	48.04	7.267	14.446	14.790	17.926
2015-01-10 06:00	22.5	29.64	49.24	48.58	48.44	7.681	14.825	15.178	18.297
2015-01-11 06:00	23	29.63	49.20	48.53	48.39	7.668	14.782	15.105	18.206
2015-01-12 06:00	20.6	27.94	47.64	46.89	46.82	5.410	12.559	12.831	15.995
2015-01-13 06:00	19.8	27.09	46.65	46.02	46.06	4.643	11.597	11.948	15.208
2015-01-14 06:00	21	27.64	47.18	46.54	46.59	5.188	12.066	12.437	15.690
2015-01-15 06:00	20.9	27.64	47.17	46.53	46.57	5.197	11.959	12.429	15.671
2015-01-16 06:00	21.2	27.65	47.16	46.51	46.56	5.205	11.955	12.420	15.660
2015-01-17 06:00	18.9	27.65	47.15	46.49	46.55	5.212	11.951	12.410	15.648
2015-01-18 06:00	20.7	27.65	47.14	46.47	46.54	5.217	11.947	12.401	15.639
2015-01-19 06:00	23	28.08	47.56	46.89	46.96	5.656	12.376	12.825	16.062
2015-01-20 06:00	22.4	30.32	49.70	49.20	49.27	6.453	13.034	13.750	16.981
2015-01-21 06:00	22	31.08	50.44	49.94	50.02	7.144	13.723	14.481	17.702
2015-01-22 06:00	22	31.26	50.60	50.09	50.18	7.309	13.864	14.616	17.832
2015-01-23 06:00	22.6	31.24	50.57	50.06	50.15	7.297	13.839	14.589	17.802
2015-01-24 06:00	21	31.23	50.54	50.03	50.12	7.288	13.820	14.569	17.779
2015-01-25 06:00	22.2	31.55	50.85	50.33	50.43	7.595	14.118	14.872	18.080
2015-01-26 06:00	22.3	32.23	51.52	51.00	51.10	8.259	14.784	15.540	18.744
2015-01-27 06:00	22.8	32.21	51.49	50.96	51.07	8.174	14.738	15.515	18.716
2015-01-28 06:00	22.7	32.19	51.47	50.93	51.05	8.164	14.718	15.493	18.692
2015-01-29 06:00	22	32.18	51.44	50.90	51.02	8.154	14.701	15.473	18.670
2015-01-30 06:00	23.1	32.16	51.42	50.88	51.00	8.144	14.684	15.454	18.648
2015-01-31 06:00	22.1	32.15	51.40	50.85	50.98	8.133	14.665	15.433	18.624
2015-02-01 06:00	23.4	32.13	51.36	50.81	50.94	8.110	14.619	15.380	18.567
2015-02-02 06:00	22.7	32.11	51.34	50.78	50.92	8.099	14.599	15.357	18.541
2015-02-03 06:00	23.3	32.11	51.32	50.76	50.90	8.094	14.585	15.342	18.522
2015-02-04 06:00	23	32.10	51.30	50.74	50.88	8.089	14.571	15.326	18.502
2015-02-05 06:00	22.1	32.08	51.28	50.71	50.86	8.080	14.553	15.306	18.479
2015-02-06 06:00	21.7	32.07	51.26	50.69	50.84	8.071	14.536	15.287	18.457
2015-02-07 06:00	22.6	32.06	51.24	50.66	50.81	8.063	14.521	15.269	18.437
2015-02-08 06:00	20.3	32.15	51.33	50.75	50.90	8.160	14.611	15.357	18.522
2015-02-09 06:00	27.1	30.35	49.32	48.73	48.89	5.742	11.979	12.623	15.780
2015-02-10 06:00	29	30.47	49.42	48.83	48.99	5.831	12.053	12.695	15.848
2015-02-11 06:00	28.4	30.46	49.41	48.81	48.97	5.827	12.041	12.678	15.829
2015-02-12 06:00	29.7	30.45	49.40	48.78	48.95	5.821	12.030	12.663	15.811
2015-02-13 06:00	28.3	30.44	49.38	48.76	48.93	5.815	12.019	12.647	15.792
2015-02-14 06:00	28.2	30.43	49.37	48.74	48.91	5.807	12.007	12.629	15.772
2015-02-15 06:00	29	30.57	49.51	48.88	49.05	5.918	12.110	12.732	15.867
2015-02-16 06:00	27.9	30.74	49.67	49.04	49.20	6.060	12.233	12.854	15.982
2015-02-17 06:00	30.3	31.27	50.20	49.56	49.72	6.535	12.714	13.299	16.418
2015-02-18 06:00	26.8	31.26	50.18	49.55	49.69	6.530	12.700	13.270	16.380
2015-02-19 06:00	27.2	31.24	50.16	49.53	49.67	6.521	12.687	13.251	16.353
2015-02-20 06:00	26.9	31.23	50.15	49.51	49.65	6.516	12.677	13.235	16.329
2015-02-21 06:00	27.7	31.22	50.14	49.49	49.62	6.511	12.667	13.221	16.307
2015-02-22 06:00	27.5	31.21	50.12	49.48	49.60	6.506	12.658	13.205	16.284
2015-02-23 06:00	28.1	31.20	50.11	49.46	49.57	6.496	12.645	13.185	16.254

2015-02-24 06:00	25.8	31.19	50.09	49.44	49.54	6.486	12.631	13.163	16.221
2015-02-25 06:00	29.3	31.61	50.51	49.86	49.96	6.909	13.049	13.555	16.602
2015-02-26 06:00	27.1	31.83	50.67	50.02	50.11	6.921	12.987	13.526	16.558
2015-02-27 06:00	29	31.74	50.56	49.92	49.99	6.777	12.834	13.379	16.397
2015-02-28 06:00	28.2	32.11	50.93	50.28	50.35	7.138	13.188	13.720	16.726
2015-03-01 06:00	29.4	33.53	52.34	51.69	51.74	8.541	14.586	15.107	18.098
2015-03-02 06:00	27.4	33.81	52.62	51.96	52.00	8.819	14.863	15.371	18.341
2015-03-03 06:00	28.1	33.78	52.59	51.92	51.95	8.800	14.836	15.334	18.281
2015-03-04 06:00	27.3	33.77	52.57	51.89	51.90	8.788	14.818	15.307	18.235
2015-03-05 06:00	29	33.75	52.55	51.86	51.86	8.777	14.803	15.283	18.192
2015-03-06 06:00	28	33.73	52.53	51.84	51.82	8.766	14.788	15.259	18.151
2015-03-07 06:00	28.4	33.71	52.51	51.81	51.78	8.752	14.771	15.235	18.108
2015-03-08 06:00	26.7	33.82	52.61	51.91	51.85	8.858	14.876	15.327	18.172
2015-03-09 06:00	26.6	33.79	52.59	51.87	51.78	8.837	14.853	15.291	18.099
2015-03-10 06:00	26.6	33.77	52.56	51.84	51.71	8.820	14.832	15.258	18.024
2015-03-11 06:00	27.7	33.75	52.54	51.80	51.63	8.803	14.812	15.224	17.942
2015-03-12 06:00	26.3	33.88	52.67	51.91	51.71	8.930	14.939	15.329	18.006
2015-03-13 06:00	27.2	33.85	52.64	51.86	51.59	8.904	14.909	15.275	17.880
2015-03-14 06:00	27.3	33.82	52.60	51.81	51.47	8.875	14.876	15.214	17.745
2015-03-15 06:00	28	33.93	52.72	51.90	51.48	8.992	14.988	15.297	17.749
2015-03-16 06:00	31.9	33.90	52.68	51.83	51.32	8.955	14.947	15.225	17.569
2015-03-17 06:00	40	52.00	70.86	69.92	69.34	25.974	32.123	32.227	34.465
2015-03-18 06:00	41	52.66	71.55	70.25	69.34	24.050	30.237	29.735	31.439
2015-03-19 06:00	39.5	51.35	70.11	68.54	67.29	21.300	27.276	26.426	27.804
2015-03-20 06:00	40.6	50.49	69.12	67.33	65.93	19.851	25.641	24.545	25.808
2015-03-21 06:00	40.4	49.83	68.36	66.41	64.79	18.924	24.593	23.300	24.378
2015-03-22 06:00	40.1	49.35	67.81	65.71	63.92	18.295	23.891	22.437	23.366
2015-03-23 06:00	39.7	48.98	67.40	65.20	63.19	17.827	23.384	21.819	22.530
2015-03-24 06:00	40.8	50.04	68.45	66.12	63.97	18.638	24.182	22.521	23.127
2015-03-25 06:00	38.3	47.62	66.02	63.20	60.57	14.096	19.658	17.985	18.568
2015-03-26 06:00	38.3	47.17	65.54	62.70	60.00	13.576	19.111	17.498	18.074
2015-03-27 06:00	37.6	46.64	64.98	62.10	59.31	12.892	18.408	16.867	17.441
2015-03-28 06:00	37.5	46.34	64.65	61.72	58.86	12.578	18.072	16.525	17.086
2015-03-29 06:00	38.3	46.44	64.74	61.74	58.84	12.573	18.054	16.504	17.058
2015-03-30 06:00	37.2	46.47	64.76	61.65	58.65	12.573	18.046	16.460	16.968
2015-03-31 06:00	38	46.56	64.83	61.61	58.49	12.665	18.126	16.455	16.728
2015-04-01 06:00	37.8	46.34	64.60	61.25	57.94	12.469	17.915	16.130	16.259
2015-04-02 06:00	36.2	46.13	64.39	60.88	57.39	12.279	17.715	15.805	15.841
2015-04-03 06:00	36.7	45.93	64.17	60.56	56.92	12.092	17.489	15.353	15.482
2015-04-04 06:00	36.1	45.72	63.96	60.21	56.41	11.904	17.295	15.071	15.116
2015-04-05 06:00	37	45.74	63.98	60.12	56.23	11.946	17.332	15.024	15.029
2015-04-06 06:00	35.8	46.26	64.50	60.50	56.42	12.444	17.826	15.413	15.261
2015-04-07 06:00	36.7	46.25	64.48	60.34	56.06	12.432	17.803	15.279	14.973
2015-04-08 06:00	35.4	46.11	64.32	60.02	55.59	12.281	17.636	15.024	14.676
2015-04-09 06:00	34.5	45.91	64.10	59.61	55.00	12.095	17.430	14.687	14.281
2015-04-10 06:00	35.2	45.72	63.88	59.20	54.39	11.917	17.191	14.354	13.879
2015-04-11 06:00	34.1	46.01	64.17	59.25	54.26	12.223	17.487	14.473	13.895
2015-04-12 06:00	35.3	45.82	63.95	58.86	53.67	12.053	17.299	14.155	13.466
2015-04-13 06:00	34.2	45.85	63.97	58.71	53.37	12.106	17.336	14.071	13.242
2015-04-14 06:00	35.5	45.64	63.74	58.22	52.72	11.894	17.106	13.667	12.920
2015-04-15 06:00	35.1	45.42	63.51	57.71	52.09	11.684	16.879	13.260	12.614
2015-04-16 06:00	37.6	45.86	63.92	57.97	50.92	12.057	17.234	13.583	11.819
2015-04-17 06:00	41.8	43.03	61.08	55.62	50.42	8.432	13.580	11.381	11.324
2015-04-18 06:00	36.7	41.06	59.06	54.30	50.32	6.777	11.879	10.486	11.301
2015-04-19 06:00	37.6	41.52	59.44	54.36	47.72	7.261	12.312	10.588	9.992
2015-04-20 06:00	37.2	44.08	61.94	56.67	49.48	9.751	14.746	12.844	11.665
2015-04-21 06:00	37.4	44.05	61.85	56.20	48.24	9.733	14.672	12.340	10.437
2015-04-22 06:00	35.8	44.18	61.91	55.85	47.01	9.873	14.753	12.014	9.721
2015-04-23 06:00	37.4	43.91	61.58	55.07	45.86	9.644	14.473	11.302	9.189
2015-04-24 06:00	35.2	43.71	61.34	54.31	45.31	9.479	14.269	10.656	9.076

2015-04-25 06:00	35.1	43.51	61.10	52.40	42.47	9.307	14.064	9.331	7.988
2015-04-26 06:00	35.4	43.30	60.86	51.34	36.44	9.117	13.846	9.022	4.987
2015-04-27 06:00	36	43.07	60.61	50.74	29.43	8.913	13.617	8.837	2.716
2015-04-28 06:00	35.5	42.86	60.38	47.77	21.37	8.734	13.412	7.757	1.391
2015-04-29 06:00	36.6	42.65	60.15	45.03	16.28	8.554	13.208	6.827	0.798
2015-04-30 06:00	36	42.42	59.89	44.30	13.54	8.355	12.983	6.681	0.501
2015-05-01 06:00	36.3	42.19	59.62	43.53	12.85	8.153	12.754	6.554	0.452
2015-05-02 06:00	36.5	41.90	59.32	42.09	10.55	7.869	12.445	6.154	0.276
2015-05-03 06:00	35.7	41.57	58.96	40.58	9.37	7.571	12.123	5.701	0.207
2015-05-04 06:00	35.2	41.34	58.61	38.07	6.67	6.912	11.284	4.680	0.112
2015-05-05 06:00	38	41.18	58.42	34.93	4.52	6.775	11.141	3.671	0.059
2015-05-06 06:00	34.8	36.70	58.02	33.11	4.23	4.390	10.872	3.360	0.055
2015-05-07 06:00	34	35.06	57.77	27.18	1.23	3.716	10.634	1.721	0.012
2015-05-08 06:00	34.4	32.85	57.44	19.79	1.18	3.023	10.354	1.043	0.011
2015-05-09 06:00	32.1	30.59	56.92	13.08	0.08	2.480	9.951	0.537	0.000
2015-05-10 06:00	32	28.54	56.69	7.39	0.00	2.022	9.783	0.174	--
2015-05-11 06:00	32.2	26.91	56.42	3.83	0.00	1.766	9.640	0.046	--
2015-05-12 06:00	37.3	25.69	55.37	2.27	0.00	1.617	8.929	0.023	--
2015-05-13 06:00	33.7	25.14	52.85	1.79	0.00	1.563	7.879	0.020	--
2015-05-14 06:00	33.7	24.41	51.73	0.94	0.00	1.482	7.577	0.013	--
2015-05-15 06:00	35.5	23.10	50.04	0.90	0.00	1.263	7.090	0.023	--
2015-05-16 06:00	35.3	22.76	48.06	0.72	0.00	1.212	6.566	0.012	--
2015-05-17 06:00	36	22.26	46.94	0.74	0.00	1.142	6.324	0.026	0.001
2015-05-18 06:00	31.8	21.44	42.78	0.47	0.00	1.071	4.569	0.011	--
2015-05-19 06:00	35.3	18.68	35.72	0.13	0.00	0.669	2.450	0.003	--
2015-05-20 06:00	33.2	15.27	28.03	0.00	0.00	0.433	1.618	--	--
2015-05-21 06:00	37.3	11.48	20.60	0.40	0.39	0.308	1.048	0.067	0.066
2015-05-22 06:00	36.3	10.50	21.20	0.49	0.47	0.327	1.117	0.112	0.109
2015-05-23 06:00	35.6	6.58	19.06	0.00	0.00	0.086	0.753	--	--
2015-05-24 06:00	36.4	7.71	20.84	1.62	1.57	0.244	0.993	0.223	0.217
2015-05-25 06:00	31.6	8.67	21.55	0.01	0.01	0.384	1.041	0.002	0.001
2015-05-26 06:00	32.5	8.56	19.60	0.00	0.00	0.306	0.680	--	--
2015-05-27 06:00	33.7	8.65	16.56	0.00	0.00	0.300	0.430	--	--
2015-05-28 06:00	32.9	8.43	9.63	0.00	0.00	0.257	0.189	--	--
2015-05-29 06:00	34.5	8.44	4.36	0.00	0.00	0.257	0.045	--	--
2015-05-30 06:00	30	8.24	2.02	0.00	0.00	0.196	0.016	--	--
2015-05-31 06:00	31.8	5.94	0.00	0.00	0.00	0.052	--	--	--
2015-06-01 06:00	28.5	4.19	0.00	0.00	0.00	0.024	--	--	--

FIGURE S9

				Snow height, cm				
Date	Air T, °C	Wind	Incident	Date	herb	shrub	shrubalb30	shrubalb60
		speed	radiation					
		m/s	W/m ²					
2014-09-01 00:00	6.22	1.07	128.7	2014-09-01 06:00	0.000	0.000	0.000	0.000
2014-09-01 03:00	2.13	1.42	6.3	2014-09-02 06:00	0.000	0.000	0.000	0.000
2014-09-01 06:00	0.15	1.40	0.0	2014-09-03 06:00	0.037	0.037	0.037	0.037
2014-09-01 09:00	-0.32	1.68	0.0	2014-09-04 06:00	0.058	0.058	0.058	0.058
2014-09-01 12:00	5.53	1.32	28.2	2014-09-05 06:00	0.000	0.000	0.000	0.000
2014-09-01 15:00	6.70	3.15	157.7	2014-09-06 06:00	0.000	0.000	0.000	0.000
2014-09-01 18:00	9.37	4.36	313.4	2014-09-07 06:00	0.053	0.053	0.053	0.053
2014-09-01 21:00	8.00	2.71	319.0	2014-09-08 06:00	0.000	0.000	0.000	0.000
2014-09-02 00:00	5.95	1.89	135.8	2014-09-09 06:00	0.000	0.000	0.000	0.000
2014-09-02 03:00	3.93	1.93	5.8	2014-09-10 06:00	0.044	0.044	0.044	0.044
2014-09-02 06:00	4.04	3.89	0.0	2014-09-11 06:00	0.012	0.037	0.037	0.037
2014-09-02 09:00	1.09	1.48	0.0	2014-09-12 06:00	0.000	0.000	0.000	0.000
2014-09-02 12:00	6.17	1.03	26.1	2014-09-13 06:00	0.156	0.660	0.660	0.652
2014-09-02 15:00	6.72	2.11	161.8	2014-09-14 06:00	0.205	1.801	1.750	1.062
2014-09-02 18:00	6.63	5.67	299.3	2014-09-15 06:00	1.042	2.645	2.205	0.326
2014-09-02 21:00	5.27	9.38	291.4	2014-09-16 06:00	1.471	3.077	2.523	0.174
2014-09-03 00:00	3.11	5.33	112.9	2014-09-17 06:00	2.636	4.247	3.460	0.387
2014-09-03 03:00	-0.80	4.01	3.4	2014-09-18 06:00	2.933	4.565	3.700	0.229
2014-09-03 06:00	-1.71	3.07	0.0	2014-09-19 06:00	4.666	6.276	4.972	1.280
2014-09-03 09:00	-2.14	1.87	0.0	2014-09-20 06:00	6.832	8.440	6.921	2.898
2014-09-03 12:00	4.09	0.48	31.8	2014-09-21 06:00	10.463	12.116	10.509	6.473
2014-09-03 15:00	7.92	0.82	178.6	2014-09-22 06:00	13.064	14.946	13.272	8.870
2014-09-03 18:00	10.20	1.35	308.3	2014-09-23 06:00	12.965	15.185	13.386	8.696
2014-09-03 21:00	9.34	1.83	240.2	2014-09-24 06:00	13.090	15.411	13.545	8.576
2014-09-04 00:00	3.09	0.64	85.7	2014-09-25 06:00	13.092	15.468	13.563	8.484
2014-09-04 03:00	0.38	2.34	2.1	2014-09-26 06:00	13.243	15.650	13.716	8.557
2014-09-04 06:00	0.12	0.71	0.0	2014-09-27 06:00	13.710	16.154	14.203	8.981
2014-09-04 09:00	0.42	1.13	0.0	2014-09-28 06:00	14.225	16.711	14.744	9.445
2014-09-04 12:00	2.05	0.22	25.9	2014-09-29 06:00	14.016	17.165	15.169	9.757
2014-09-04 15:00	11.48	0.76	139.1	2014-09-30 06:00	14.587	17.766	15.756	10.272
2014-09-04 18:00	8.49	1.45	232.2	2014-10-01 06:00	14.801	18.024	16.001	10.477
2014-09-04 21:00	9.32	2.20	231.8	2014-10-02 06:00	14.790	18.130	16.081	10.484
2014-09-05 00:00	2.81	0.56	84.0	2014-10-03 06:00	14.913	18.281	16.212	10.550
2014-09-05 03:00	0.48	2.91	2.1	2014-10-04 06:00	14.986	18.383	16.301	10.593
2014-09-05 06:00	-0.02	2.25	0.0	2014-10-05 06:00	14.902	18.464	16.371	10.645
2014-09-05 09:00	-0.82	1.92	0.0	2014-10-06 06:00	14.846	18.541	16.432	10.654
2014-09-05 12:00	0.90	1.12	33.8	2014-10-07 06:00	14.895	18.618	16.500	10.705
2014-09-05 15:00	5.60	0.29	196.8	2014-10-08 06:00	15.086	18.855	16.726	10.908
2014-09-05 18:00	6.07	1.95	316.1	2014-10-09 06:00	15.355	19.164	17.026	11.193
2014-09-05 21:00	9.53	0.40	230.9	2014-10-10 06:00	15.661	19.509	17.367	11.525
2014-09-06 00:00	4.80	1.71	70.2	2014-10-11 06:00	16.622	20.526	18.377	12.520
2014-09-06 03:00	1.06	0.45	0.7	2014-10-12 06:00	17.142	21.173	19.041	13.194
2014-09-06 06:00	0.32	0.88	0.0	2014-10-13 06:00	17.372	21.622	19.494	13.640
2014-09-06 09:00	0.73	0.46	0.0	2014-10-14 06:00	17.752	22.141	20.020	14.160
2014-09-06 12:00	2.05	1.99	15.0	2014-10-15 06:00	18.046	22.619	20.501	14.643
2014-09-06 15:00	5.36	0.83	125.7	2014-10-16 06:00	18.297	22.991	20.876	15.019
2014-09-06 18:00	4.61	1.61	237.6	2014-10-17 06:00	18.556	23.348	21.241	15.390
2014-09-06 21:00	2.78	2.04	204.0	2014-10-18 06:00	18.710	23.614	21.511	15.659

2014-09-07 00:00	2.05	0.77	71.8	2014-10-19 06:00	19.368	24.335	22.237	16.387
2014-09-07 03:00	0.63	3.09	1.0	2014-10-20 06:00	19.637	24.846	22.755	16.904
2014-09-07 06:00	-0.75	1.96	0.0	2014-10-21 06:00	20.335	25.676	23.590	17.739
2014-09-07 09:00	-0.88	0.64	0.0	2014-10-22 06:00	21.885	27.362	25.284	19.436
2014-09-07 12:00	-1.15	1.91	14.9	2014-10-23 06:00	20.829	28.207	26.135	20.290
2014-09-07 15:00	0.44	1.52	124.3	2014-10-24 06:00	19.966	28.966	26.897	21.047
2014-09-07 18:00	7.12	1.02	257.3	2014-10-25 06:00	19.194	29.538	27.474	21.625
2014-09-07 21:00	7.32	2.22	277.9	2014-10-26 06:00	19.603	30.046	27.990	22.142
2014-09-08 00:00	2.07	1.10	99.4	2014-10-27 06:00	20.332	30.810	28.761	22.912
2014-09-08 03:00	-2.02	1.79	1.3	2014-10-28 06:00	21.307	31.821	29.782	23.934
2014-09-08 06:00	-3.46	3.05	0.0	2014-10-29 06:00	24.233	34.837	32.813	26.970
2014-09-08 09:00	-3.55	2.39	0.0	2014-10-30 06:00	26.214	40.031	38.015	32.174
2014-09-08 12:00	-0.10	1.68	20.2	2014-10-31 06:00	25.876	40.250	38.249	32.421
2014-09-08 15:00	5.63	0.42	176.1	2014-11-01 06:00	25.869	40.417	38.435	32.619
2014-09-08 18:00	9.91	0.78	335.1	2014-11-02 06:00	25.775	40.453	38.482	32.693
2014-09-08 21:00	4.29	3.31	304.5	2014-11-03 06:00	25.842	40.563	38.608	32.849
2014-09-09 00:00	0.31	1.23	106.2	2014-11-04 06:00	23.728	40.061	38.858	33.109
2014-09-09 03:00	-1.88	2.93	1.4	2014-11-05 06:00	25.061	41.392	40.275	34.581
2014-09-09 06:00	-2.92	2.84	0.0	2014-11-06 06:00	25.162	41.514	40.600	34.973
2014-09-09 09:00	-3.08	1.78	0.0	2014-11-07 06:00	25.342	41.697	40.837	35.243
2014-09-09 12:00	1.22	1.67	21.0	2014-11-08 06:00	28.749	45.090	44.270	38.718
2014-09-09 15:00	5.20	0.37	144.2	2014-11-09 06:00	29.641	46.046	45.267	40.120
2014-09-09 18:00	5.60	1.61	240.2	2014-11-10 06:00	28.494	44.950	44.248	40.150
2014-09-09 21:00	4.41	3.41	204.3	2014-11-11 06:00	21.413	40.206	40.516	40.174
2014-09-10 00:00	0.86	4.44	58.4	2014-11-12 06:00	19.701	40.431	40.205	40.420
2014-09-10 03:00	0.87	2.79	0.4	2014-11-13 06:00	20.288	41.005	40.595	40.829
2014-09-10 06:00	0.57	3.84	0.0	2014-11-14 06:00	21.290	41.982	41.571	41.776
2014-09-10 09:00	-0.48	6.04	0.0	2014-11-15 06:00	21.176	41.928	41.461	41.623
2014-09-10 12:00	0.43	3.55	6.6	2014-11-16 06:00	21.187	41.913	41.450	41.592
2014-09-10 15:00	1.01	3.38	88.3	2014-11-17 06:00	21.175	41.880	41.420	41.536
2014-09-10 18:00	1.17	6.01	205.9	2014-11-18 06:00	21.177	41.857	41.399	41.493
2014-09-10 21:00	0.40	7.92	182.3	2014-11-19 06:00	21.563	42.221	41.766	41.840
2014-09-11 00:00	-0.18	3.85	50.1	2014-11-20 06:00	22.006	42.644	42.196	42.247
2014-09-11 03:00	-0.68	5.73	0.5	2014-11-21 06:00	22.475	43.089	42.643	42.670
2014-09-11 06:00	-1.43	6.00	0.0	2014-11-22 06:00	22.800	43.391	42.948	42.956
2014-09-11 09:00	-1.93	5.49	0.0	2014-11-23 06:00	23.190	43.762	43.322	43.311
2014-09-11 12:00	-1.32	4.14	10.7	2014-11-24 06:00	23.748	44.301	43.863	43.827
2014-09-11 15:00	-1.09	4.65	109.2	2014-11-25 06:00	23.916	44.448	44.011	43.954
2014-09-11 18:00	1.04	5.83	226.4	2014-11-26 06:00	23.911	44.424	43.989	43.917
2014-09-11 21:00	3.27	5.53	191.7	2014-11-27 06:00	23.910	44.407	43.974	43.888
2014-09-12 00:00	-0.48	5.21	59.6	2014-11-28 06:00	23.905	44.388	43.956	43.858
2014-09-12 03:00	-1.46	6.44	0.2	2014-11-29 06:00	25.503	45.974	45.544	45.430
2014-09-12 06:00	-2.75	3.85	0.0	2014-11-30 06:00	26.413	46.878	46.446	46.310
2014-09-12 09:00	-1.69	2.23	0.0					
2014-09-12 12:00	-1.99	1.92	7.6					
2014-09-12 15:00	-1.15	4.39	96.8					
2014-09-12 18:00	1.44	5.49	192.0					
2014-09-12 21:00	-0.07	6.13	106.5					
2014-09-13 00:00	-1.26	6.66	20.5					
2014-09-13 03:00	-1.09	6.60	0.0					
2014-09-13 06:00	-1.46	7.57	0.0					
2014-09-13 09:00	-1.36	6.86	0.0					
2014-09-13 12:00	-0.85	5.27	3.9					
2014-09-13 15:00	-0.41	4.07	63.0					

2014-09-13 18:00	1.10	4.63	162.4
2014-09-13 21:00	-0.95	1.20	123.8
2014-09-14 00:00	-2.24	2.98	23.9
2014-09-14 03:00	-5.18	3.78	0.0
2014-09-14 06:00	-3.58	3.31	0.0
2014-09-14 09:00	-2.84	2.30	0.0
2014-09-14 12:00	-2.94	4.61	3.5
2014-09-14 15:00	1.92	2.09	74.6
2014-09-14 18:00	5.94	2.60	154.3
2014-09-14 21:00	2.88	5.60	117.2
2014-09-15 00:00	0.12	4.53	21.4
2014-09-15 03:00	-0.08	5.66	0.0
2014-09-15 06:00	-0.08	3.85	0.0
2014-09-15 09:00	0.33	3.78	0.0
2014-09-15 12:00	-0.04	2.46	1.9
2014-09-15 15:00	2.12	2.12	44.5
2014-09-15 18:00	2.56	4.88	115.7
2014-09-15 21:00	5.01	2.41	115.4
2014-09-16 00:00	1.41	5.81	29.5
2014-09-16 03:00	1.00	2.26	0.0
2014-09-16 06:00	-0.35	3.26	0.0
2014-09-16 09:00	-2.24	1.80	0.0
2014-09-16 12:00	1.66	4.37	5.1
2014-09-16 15:00	2.09	5.92	74.8
2014-09-16 18:00	2.09	4.67	99.4
2014-09-16 21:00	-0.25	2.59	73.1
2014-09-17 00:00	-2.27	3.57	16.1
2014-09-17 03:00	-4.51	5.68	0.0
2014-09-17 06:00	-3.04	2.31	0.0
2014-09-17 09:00	-6.53	3.54	0.0
2014-09-17 12:00	-4.53	1.22	10.2
2014-09-17 15:00	-0.34	1.68	153.1
2014-09-17 18:00	0.15	2.32	296.5
2014-09-17 21:00	0.18	0.91	195.2
2014-09-18 00:00	-2.75	1.65	29.8
2014-09-18 03:00	-4.64	1.94	0.0
2014-09-18 06:00	-3.99	2.09	0.0
2014-09-18 09:00	-5.10	1.54	0.0
2014-09-18 12:00	-5.54	2.61	1.1
2014-09-18 15:00	-0.17	1.62	29.5
2014-09-18 18:00	3.17	1.30	51.6
2014-09-18 21:00	1.14	0.52	36.1
2014-09-19 00:00	-0.52	0.46	5.7
2014-09-19 03:00	-0.64	1.89	0.0
2014-09-19 06:00	-0.37	0.42	0.0
2014-09-19 09:00	-0.03	4.31	0.0
2014-09-19 12:00	-0.51	4.08	0.9
2014-09-19 15:00	-0.07	3.24	24.0
2014-09-19 18:00	1.71	0.99	55.9
2014-09-19 21:00	-1.14	2.37	68.1
2014-09-20 00:00	-2.82	1.80	15.3
2014-09-20 03:00	-3.11	1.97	0.0
2014-09-20 06:00	-3.72	0.87	0.0
2014-09-20 09:00	-3.82	0.85	0.0

2014-09-20 12:00	-3.51	0.56	1.4
2014-09-20 15:00	-0.90	1.73	26.8
2014-09-20 18:00	-1.48	2.08	63.1
2014-09-20 21:00	-1.14	0.65	45.7
2014-09-21 00:00	-3.56	1.09	6.3
2014-09-21 03:00	-4.23	2.46	0.0
2014-09-21 06:00	-4.47	0.69	0.0
2014-09-21 09:00	-4.02	1.17	0.0
2014-09-21 12:00	-3.58	0.15	1.2
2014-09-21 15:00	-0.64	0.66	25.9
2014-09-21 18:00	-0.63	0.91	60.8
2014-09-21 21:00	-2.26	1.12	87.9
2014-09-22 00:00	-2.88	0.79	13.0
2014-09-22 03:00	-4.80	1.86	0.0
2014-09-22 06:00	-3.72	1.33	0.0
2014-09-22 09:00	-2.46	5.96	0.0
2014-09-22 12:00	-2.94	1.52	2.3
2014-09-22 15:00	-1.11	2.20	66.9
2014-09-22 18:00	-0.95	4.04	163.1
2014-09-22 21:00	-2.41	4.04	113.2
2014-09-23 00:00	-4.36	3.14	16.6
2014-09-23 03:00	-4.09	3.13	0.0
2014-09-23 06:00	-3.55	2.59	0.0
2014-09-23 09:00	-4.36	1.39	0.0
2014-09-23 12:00	-4.83	1.86	3.0
2014-09-23 15:00	-3.45	2.42	99.4
2014-09-23 18:00	-1.04	3.36	190.3
2014-09-23 21:00	-6.67	1.78	129.5
2014-09-24 00:00	-7.58	1.97	16.8
2014-09-24 03:00	-7.78	1.57	0.0
2014-09-24 06:00	-6.96	1.04	0.0
2014-09-24 09:00	-6.11	1.44	0.0
2014-09-24 12:00	-5.64	1.77	2.0
2014-09-24 15:00	-4.42	3.38	91.4
2014-09-24 18:00	-4.30	3.17	209.0
2014-09-24 21:00	-3.82	0.79	147.9
2014-09-25 00:00	-5.41	1.12	23.5
2014-09-25 03:00	-5.88	1.53	0.0
2014-09-25 06:00	-6.28	0.84	0.0
2014-09-25 09:00	-7.34	0.83	0.0
2014-09-25 12:00	-6.59	1.35	1.4
2014-09-25 15:00	-4.80	2.04	85.0
2014-09-25 18:00	-4.67	2.06	187.7
2014-09-25 21:00	-5.08	0.94	151.4
2014-09-26 00:00	-6.42	1.24	18.0
2014-09-26 03:00	-8.24	1.98	0.0
2014-09-26 06:00	-10.14	1.45	0.0
2014-09-26 09:00	-8.75	2.00	0.0
2014-09-26 12:00	-6.78	1.51	0.8
2014-09-26 15:00	-5.33	1.55	47.7
2014-09-26 18:00	-4.76	2.88	94.6
2014-09-26 21:00	-7.78	3.58	74.3
2014-09-27 00:00	-8.44	3.20	8.3
2014-09-27 03:00	-8.99	2.81	0.0

2014-09-27 06:00	-10.10	2.98	0.0
2014-09-27 09:00	-9.46	1.96	0.0
2014-09-27 12:00	-9.12	2.94	0.7
2014-09-27 15:00	-8.03	3.63	38.2
2014-09-27 18:00	-5.41	1.68	119.4
2014-09-27 21:00	-5.95	1.40	78.8
2014-09-28 00:00	-7.10	0.91	8.7
2014-09-28 03:00	-5.40	0.92	0.0
2014-09-28 06:00	-4.99	2.95	0.0
2014-09-28 09:00	-5.67	2.79	0.0
2014-09-28 12:00	-5.57	4.57	0.4
2014-09-28 15:00	-4.72	4.20	56.2
2014-09-28 18:00	-4.16	4.30	155.4
2014-09-28 21:00	-4.33	6.99	102.9
2014-09-29 00:00	-7.00	3.79	9.7
2014-09-29 03:00	-9.23	4.30	0.0
2014-09-29 06:00	-8.07	2.37	0.0
2014-09-29 09:00	-8.92	2.43	0.0
2014-09-29 12:00	-11.01	2.68	0.4
2014-09-29 15:00	-8.00	1.61	65.3
2014-09-29 18:00	-5.78	2.61	162.7
2014-09-29 21:00	-6.12	1.53	100.8
2014-09-30 00:00	-10.04	1.62	8.6
2014-09-30 03:00	-8.65	3.35	0.0
2014-09-30 06:00	-10.18	3.99	0.0
2014-09-30 09:00	-8.88	2.68	0.0
2014-09-30 12:00	-10.28	2.72	0.2
2014-09-30 15:00	-6.24	2.97	70.7
2014-09-30 18:00	-2.12	1.51	170.1
2014-09-30 21:00	-4.46	1.00	127.0
2014-10-01 00:00	-11.20	4.40	13.2
2014-10-01 03:00	-11.43	3.31	0.0
2014-10-01 06:00	-11.39	3.47	0.0
2014-10-01 09:00	-10.03	2.05	0.0
2014-10-01 12:00	-11.05	2.54	0.0
2014-10-01 15:00	-10.51	5.07	79.1
2014-10-01 18:00	-7.60	4.30	190.7
2014-10-01 21:00	-10.11	5.14	137.3
2014-10-02 00:00	-8.44	2.61	12.3
2014-10-02 03:00	-8.20	1.82	0.0
2014-10-02 06:00	-7.97	1.60	0.0
2014-10-02 09:00	-10.27	2.59	0.0
2014-10-02 12:00	-12.47	3.35	0.0
2014-10-02 15:00	-8.95	3.05	63.9
2014-10-02 18:00	-6.71	3.70	173.6
2014-10-02 21:00	-7.34	2.96	127.7
2014-10-03 00:00	-10.04	2.05	9.8
2014-10-03 03:00	-9.86	2.31	0.0
2014-10-03 06:00	-9.05	3.26	0.0
2014-10-03 09:00	-10.16	2.75	0.0
2014-10-03 12:00	-10.74	3.68	0.0
2014-10-03 15:00	-6.94	3.59	60.5
2014-10-03 18:00	-4.52	1.34	160.3
2014-10-03 21:00	-5.67	2.40	109.8

2014-10-04 00:00	-6.85	2.22	7.3
2014-10-04 03:00	-7.46	3.43	0.0
2014-10-04 06:00	-7.70	2.49	0.0
2014-10-04 09:00	-7.76	1.76	0.0
2014-10-04 12:00	-7.97	4.50	0.0
2014-10-04 15:00	-6.95	3.88	45.2
2014-10-04 18:00	-6.25	3.68	121.1
2014-10-04 21:00	-6.56	2.24	79.6
2014-10-05 00:00	-6.95	1.82	5.4
2014-10-05 03:00	-7.63	4.09	0.0
2014-10-05 06:00	-8.51	4.87	0.0
2014-10-05 09:00	-8.14	4.18	0.0
2014-10-05 12:00	-8.17	3.68	0.0
2014-10-05 15:00	-7.19	2.73	52.8
2014-10-05 18:00	-6.66	3.46	144.4
2014-10-05 21:00	-7.91	4.00	99.6
2014-10-06 00:00	-10.75	2.27	5.0
2014-10-06 03:00	-11.69	3.13	0.0
2014-10-06 06:00	-11.86	1.84	0.0
2014-10-06 09:00	-11.35	3.00	0.0
2014-10-06 12:00	-12.85	1.75	0.0
2014-10-06 15:00	-8.81	1.07	42.5
2014-10-06 18:00	-4.66	1.80	130.7
2014-10-06 21:00	-7.68	3.77	86.5
2014-10-07 00:00	-9.60	4.12	3.2
2014-10-07 03:00	-8.98	2.15	0.0
2014-10-07 06:00	-9.59	1.37	0.0
2014-10-07 09:00	-13.94	0.88	0.0
2014-10-07 12:00	-9.62	4.32	0.0
2014-10-07 15:00	-8.88	3.71	33.9
2014-10-07 18:00	-7.02	2.45	106.7
2014-10-07 21:00	-8.41	4.74	76.0
2014-10-08 00:00	-8.91	3.93	2.1
2014-10-08 03:00	-9.73	3.28	0.0
2014-10-08 06:00	-9.32	2.66	0.0
2014-10-08 09:00	-8.61	2.60	0.0
2014-10-08 12:00	-8.37	1.97	0.0
2014-10-08 15:00	-4.92	2.64	27.0
2014-10-08 18:00	-2.80	3.23	98.5
2014-10-08 21:00	-7.93	2.33	61.8
2014-10-09 00:00	-9.67	1.64	1.6
2014-10-09 03:00	-9.08	2.58	0.0
2014-10-09 06:00	-9.87	1.46	0.0
2014-10-09 09:00	-7.97	2.73	0.0
2014-10-09 12:00	-7.38	2.59	0.0
2014-10-09 15:00	-5.32	2.67	24.0
2014-10-09 18:00	-4.19	2.01	92.8
2014-10-09 21:00	-6.97	1.12	66.6
2014-10-10 00:00	-10.58	3.08	1.3
2014-10-10 03:00	-7.83	1.89	0.0
2014-10-10 06:00	-6.98	2.80	0.0
2014-10-10 09:00	-8.10	2.96	0.0
2014-10-10 12:00	-9.84	3.91	0.0
2014-10-10 15:00	-8.57	3.52	23.1

2014-10-10 18:00	-6.45	3.47	86.2
2014-10-10 21:00	-7.73	2.64	42.5
2014-10-11 00:00	-6.51	2.66	0.3
2014-10-11 03:00	-6.10	2.93	0.0
2014-10-11 06:00	-5.56	2.58	0.0
2014-10-11 09:00	-5.03	2.25	0.0
2014-10-11 12:00	-2.52	1.24	0.0
2014-10-11 15:00	-2.69	1.33	5.4
2014-10-11 18:00	-1.58	1.20	31.7
2014-10-11 21:00	-2.64	0.91	26.8
2014-10-12 00:00	-3.17	1.67	0.5
2014-10-12 03:00	-3.98	1.73	0.0
2014-10-12 06:00	-4.11	1.66	0.0
2014-10-12 09:00	-4.73	3.15	0.0
2014-10-12 12:00	-2.43	1.35	0.0
2014-10-12 15:00	-1.38	1.71	10.2
2014-10-12 18:00	-2.54	1.40	39.8
2014-10-12 21:00	-0.98	5.34	21.9
2014-10-13 00:00	-2.36	5.05	0.4
2014-10-13 03:00	-3.99	3.97	0.0
2014-10-13 06:00	-5.96	1.70	0.0
2014-10-13 09:00	-9.17	2.21	0.0
2014-10-13 12:00	-5.37	1.10	0.0
2014-10-13 15:00	-2.33	2.75	13.5
2014-10-13 18:00	-2.12	2.37	63.9
2014-10-13 21:00	-7.37	4.43	29.7
2014-10-14 00:00	-7.90	2.91	0.3
2014-10-14 03:00	-7.33	3.89	0.0
2014-10-14 06:00	-7.83	2.76	0.0
2014-10-14 09:00	-6.57	0.62	0.0
2014-10-14 12:00	-5.64	2.27	0.0
2014-10-14 15:00	-4.71	2.18	7.7
2014-10-14 18:00	-3.68	3.28	38.4
2014-10-14 21:00	-3.81	3.10	30.6
2014-10-15 00:00	-5.78	5.29	0.0
2014-10-15 03:00	-4.62	3.92	0.0
2014-10-15 06:00	-3.70	2.19	0.0
2014-10-15 09:00	-5.31	1.24	0.0
2014-10-15 12:00	-5.00	0.71	0.0
2014-10-15 15:00	-2.76	2.09	9.2
2014-10-15 18:00	-0.84	1.09	50.9
2014-10-15 21:00	-1.99	3.19	31.2
2014-10-16 00:00	-5.01	3.30	0.0
2014-10-16 03:00	-5.84	5.73	0.0
2014-10-16 06:00	-7.20	2.96	0.0
2014-10-16 09:00	-6.55	3.97	0.0
2014-10-16 12:00	-6.55	1.94	0.0
2014-10-16 15:00	-10.72	1.01	10.1
2014-10-16 18:00	-5.00	2.63	52.6
2014-10-16 21:00	-8.66	4.04	31.9
2014-10-17 00:00	-8.38	4.37	0.0
2014-10-17 03:00	-10.14	4.69	0.0
2014-10-17 06:00	-9.97	3.29	0.0
2014-10-17 09:00	-10.71	1.58	0.0

2014-10-17 12:00	-9.19	2.46	0.0
2014-10-17 15:00	-10.07	1.85	6.1
2014-10-17 18:00	-9.43	3.52	45.0
2014-10-17 21:00	-11.70	3.93	31.9
2014-10-18 00:00	-11.28	4.34	0.0
2014-10-18 03:00	-12.30	4.53	0.0
2014-10-18 06:00	-11.11	1.95	0.0
2014-10-18 09:00	-10.33	2.98	0.0
2014-10-18 12:00	-9.42	1.16	0.0
2014-10-18 15:00	-11.32	2.85	5.5
2014-10-18 18:00	-9.22	2.16	27.2
2014-10-18 21:00	-9.32	2.83	10.9
2014-10-19 00:00	-9.39	2.15	0.0
2014-10-19 03:00	-9.25	0.86	0.0
2014-10-19 06:00	-10.61	2.73	0.0
2014-10-19 09:00	-9.01	3.34	0.0
2014-10-19 12:00	-9.25	3.91	0.0
2014-10-19 15:00	-9.18	4.02	5.3
2014-10-19 18:00	-8.98	4.12	32.0
2014-10-19 21:00	-9.80	3.09	15.1
2014-10-20 00:00	-10.16	1.83	0.0
2014-10-20 03:00	-10.44	4.28	0.0
2014-10-20 06:00	-10.23	0.34	0.0
2014-10-20 09:00	-9.69	0.66	0.0
2014-10-20 12:00	-11.22	3.14	0.0
2014-10-20 15:00	-10.03	3.05	6.0
2014-10-20 18:00	-10.71	3.48	37.7
2014-10-20 21:00	-10.94	2.78	9.5
2014-10-21 00:00	-11.32	4.27	0.0
2014-10-21 03:00	-10.74	3.79	0.0
2014-10-21 06:00	-9.76	3.32	0.0
2014-10-21 09:00	-9.76	2.03	0.0
2014-10-21 12:00	-8.71	1.94	0.0
2014-10-21 15:00	-7.62	2.13	3.4
2014-10-21 18:00	-7.90	1.03	19.4
2014-10-21 21:00	-8.92	0.73	7.9
2014-10-22 00:00	-9.12	2.19	0.0
2014-10-22 03:00	-12.30	1.22	0.0
2014-10-22 06:00	-12.84	5.52	0.0
2014-10-22 09:00	-16.47	2.08	0.0
2014-10-22 12:00	-18.41	3.67	0.0
2014-10-22 15:00	-18.19	3.86	4.2
2014-10-22 18:00	-18.63	6.10	36.1
2014-10-22 21:00	-20.23	6.72	14.7
2014-10-23 00:00	-18.90	3.23	0.0
2014-10-23 03:00	-17.88	9.53	0.0
2014-10-23 06:00	-17.88	5.92	0.0
2014-10-23 09:00	-20.77	2.22	0.0
2014-10-23 12:00	-19.75	2.08	0.0
2014-10-23 15:00	-14.76	8.31	2.6
2014-10-23 18:00	-13.61	7.35	23.9
2014-10-23 21:00	-13.68	9.67	8.8
2014-10-24 00:00	-12.80	9.44	0.0
2014-10-24 03:00	-12.77	8.89	0.0

2014-10-24 06:00	-13.24	5.92	0.0
2014-10-24 09:00	-13.79	3.14	0.0
2014-10-24 12:00	-13.41	7.05	0.0
2014-10-24 15:00	-12.19	9.55	2.6
2014-10-24 18:00	-12.33	6.61	24.6
2014-10-24 21:00	-13.41	7.42	8.8
2014-10-25 00:00	-13.92	9.04	0.0
2014-10-25 03:00	-14.70	10.26	0.0
2014-10-25 06:00	-14.67	7.45	0.0
2014-10-25 09:00	-18.61	2.86	0.0
2014-10-25 12:00	-19.04	2.03	0.0
2014-10-25 15:00	-18.19	2.67	2.2
2014-10-25 18:00	-19.04	4.06	24.1
2014-10-25 21:00	-19.41	3.49	8.5
2014-10-26 00:00	-20.43	5.33	0.0
2014-10-26 03:00	-20.05	5.01	0.0
2014-10-26 06:00	-19.68	3.43	0.0
2014-10-26 09:00	-18.52	4.61	0.0
2014-10-26 12:00	-16.76	2.91	0.0
2014-10-26 15:00	-15.60	2.47	1.4
2014-10-26 18:00	-16.32	3.39	11.6
2014-10-26 21:00	-16.76	1.85	3.3
2014-10-27 00:00	-17.51	3.71	0.0
2014-10-27 03:00	-16.49	1.14	0.0
2014-10-27 06:00	-15.67	1.59	0.0
2014-10-27 09:00	-15.23	1.48	0.0
2014-10-27 12:00	-15.24	1.33	0.0
2014-10-27 15:00	-12.96	1.20	0.9
2014-10-27 18:00	-11.58	0.46	10.6
2014-10-27 21:00	-12.53	0.66	3.8
2014-10-28 00:00	-13.04	1.68	0.0
2014-10-28 03:00	-12.77	2.14	0.0
2014-10-28 06:00	-13.41	0.95	0.0
2014-10-28 09:00	-11.37	1.82	0.0
2014-10-28 12:00	-13.85	2.52	0.0
2014-10-28 15:00	-13.68	2.24	0.7
2014-10-28 18:00	-11.71	2.90	9.7
2014-10-28 21:00	-13.85	0.33	3.1
2014-10-29 00:00	-11.07	2.09	0.0
2014-10-29 03:00	-10.39	1.42	0.0
2014-10-29 06:00	-9.96	1.77	0.0
2014-10-29 09:00	-9.18	1.63	0.0
2014-10-29 12:00	-9.62	1.26	0.0
2014-10-29 15:00	-8.40	2.37	0.4
2014-10-29 18:00	-5.32	2.20	4.9
2014-10-29 21:00	-6.14	6.21	1.7
2014-10-30 00:00	-6.78	9.46	0.0
2014-10-30 03:00	-7.80	8.66	0.0
2014-10-30 06:00	-8.78	9.81	0.0
2014-10-30 09:00	-8.58	5.67	0.0
2014-10-30 12:00	-9.43	1.10	0.0
2014-10-30 15:00	-9.29	0.73	0.2
2014-10-30 18:00	-10.07	1.95	8.1
2014-10-30 21:00	-10.68	0.41	1.8

2014-10-31 00:00	-10.27	1.18	0.0
2014-10-31 03:00	-11.35	2.62	0.0
2014-10-31 06:00	-11.79	1.46	0.0
2014-10-31 09:00	-10.78	1.70	0.0
2014-10-31 12:00	-12.30	0.39	0.0
2014-10-31 15:00	-13.92	3.03	0.1
2014-10-31 18:00	-12.80	2.16	8.4
2014-10-31 21:00	-12.80	1.30	1.6
2014-11-01 00:00	-11.51	0.55	0.0
2014-11-01 03:00	-11.41	4.18	0.0
2014-11-01 06:00	-11.78	4.01	0.0
2014-11-01 09:00	-12.16	3.99	0.0
2014-11-01 12:00	-13.41	3.57	0.0
2014-11-01 15:00	-12.26	3.12	0.0
2014-11-01 18:00	-12.60	3.67	9.4
2014-11-01 21:00	-14.73	2.96	2.0
2014-11-02 00:00	-16.74	1.99	0.0
2014-11-02 03:00	-13.40	3.81	0.0
2014-11-02 06:00	-17.45	0.12	0.0
2014-11-02 09:00	-14.89	0.90	0.0
2014-11-02 12:00	-13.17	1.05	0.0
2014-11-02 15:00	-7.29	1.26	0.0
2014-11-02 18:00	-8.63	0.78	7.6
2014-11-02 21:00	-5.15	3.32	2.6
2014-11-03 00:00	-5.22	2.94	0.0
2014-11-03 03:00	-5.22	3.04	0.0
2014-11-03 06:00	-6.41	2.78	0.0
2014-11-03 09:00	-7.22	8.18	0.0
2014-11-03 12:00	-7.46	6.42	0.0
2014-11-03 15:00	-9.46	4.56	0.0
2014-11-03 18:00	-10.34	6.92	5.5
2014-11-03 21:00	-11.52	5.95	1.1
2014-11-04 00:00	-11.11	7.93	0.0
2014-11-04 03:00	-10.54	5.74	0.0
2014-11-04 06:00	-10.44	6.25	0.0
2014-11-04 09:00	-11.11	2.40	0.0
2014-11-04 12:00	-11.39	1.84	0.0
2014-11-04 15:00	-12.36	3.00	0.0
2014-11-04 18:00	-12.09	1.81	3.0
2014-11-04 21:00	-13.04	2.16	0.5
2014-11-05 00:00	-13.04	0.98	0.0
2014-11-05 03:00	-15.82	1.12	0.0
2014-11-05 06:00	-15.86	2.22	0.0
2014-11-05 09:00	-17.04	2.99	0.0
2014-11-05 12:00	-17.54	2.98	0.0
2014-11-05 15:00	-18.70	2.08	0.0
2014-11-05 18:00	-20.33	3.69	3.7
2014-11-05 21:00	-20.52	3.47	0.3
2014-11-06 00:00	-20.25	4.08	0.0
2014-11-06 03:00	-20.11	4.36	0.0
2014-11-06 06:00	-20.45	3.87	0.0
2014-11-06 09:00	-19.77	2.50	0.0
2014-11-06 12:00	-18.62	2.30	0.0
2014-11-06 15:00	-19.34	3.72	0.0

2014-11-06 18:00	-19.54	1.87	3.7
2014-11-06 21:00	-19.47	1.89	0.1
2014-11-07 00:00	-19.20	1.51	0.0
2014-11-07 03:00	-18.21	2.10	0.0
2014-11-07 06:00	-17.06	1.80	0.0
2014-11-07 09:00	-16.66	2.28	0.0
2014-11-07 12:00	-16.49	2.23	0.0
2014-11-07 15:00	-15.94	2.70	0.0
2014-11-07 18:00	-15.50	1.91	1.3
2014-11-07 21:00	-15.64	1.86	0.1
2014-11-08 00:00	-14.49	1.12	0.0
2014-11-08 03:00	-14.66	2.05	0.0
2014-11-08 06:00	-15.00	2.17	0.0
2014-11-08 09:00	-14.66	1.23	0.0
2014-11-08 12:00	-16.16	3.19	0.0
2014-11-08 15:00	-16.73	2.55	0.0
2014-11-08 18:00	-17.04	1.03	0.2
2014-11-08 21:00	-16.32	2.17	0.0
2014-11-09 00:00	-19.00	3.89	0.0
2014-11-09 03:00	-20.80	4.77	0.0
2014-11-09 06:00	-21.65	3.03	0.0
2014-11-09 09:00	-19.91	3.39	0.0
2014-11-09 12:00	-21.13	4.19	0.0
2014-11-09 15:00	-21.23	2.74	0.0
2014-11-09 18:00	-22.22	4.73	0.5
2014-11-09 21:00	-22.08	5.27	0.0
2014-11-10 00:00	-22.29	5.31	0.0
2014-11-10 03:00	-21.23	3.95	0.0
2014-11-10 06:00	-21.20	4.82	0.0
2014-11-10 09:00	-20.28	3.12	0.0
2014-11-10 12:00	-21.71	2.42	0.0
2014-11-10 15:00	-20.89	3.05	0.0
2014-11-10 18:00	-20.83	1.33	0.4
2014-11-10 21:00	-9.20	4.24	0.0
2014-11-11 00:00	-9.72	13.54	0.0
2014-11-11 03:00	-7.99	5.65	0.0
2014-11-11 06:00	-10.16	9.28	0.0
2014-11-11 09:00	-11.79	10.35	0.0
2014-11-11 12:00	-13.48	8.58	0.0
2014-11-11 15:00	-13.24	6.86	0.0
2014-11-11 18:00	-13.24	6.01	0.0
2014-11-11 21:00	-15.15	2.94	0.0
2014-11-12 00:00	-13.82	5.40	0.0
2014-11-12 03:00	-13.65	5.32	0.0
2014-11-12 06:00	-14.43	2.92	0.0
2014-11-12 09:00	-17.62	3.85	0.0
2014-11-12 12:00	-18.25	3.37	0.0
2014-11-12 15:00	-20.36	1.88	0.0
2014-11-12 18:00	-19.34	3.87	0.0
2014-11-12 21:00	-18.66	3.45	0.0
2014-11-13 00:00	-19.51	4.09	0.0
2014-11-13 03:00	-20.63	5.17	0.0
2014-11-13 06:00	-19.57	1.88	0.0
2014-11-13 09:00	-20.12	3.72	0.0

2014-11-13 12:00	-17.67	1.72	0.0
2014-11-13 15:00	-16.99	2.37	0.0
2014-11-13 18:00	-17.63	1.94	0.0
2014-11-13 21:00	-16.96	2.54	0.0
2014-11-14 00:00	-16.59	1.60	0.0
2014-11-14 03:00	-16.76	1.29	0.0
2014-11-14 06:00	-17.13	1.08	0.0
2014-11-14 09:00	-21.07	3.28	0.0
2014-11-14 12:00	-20.29	3.97	0.0
2014-11-14 15:00	-21.37	2.60	0.0
2014-11-14 18:00	-21.00	5.25	0.0
2014-11-14 21:00	-21.61	3.16	0.0
2014-11-15 00:00	-21.94	5.25	0.0
2014-11-15 03:00	-23.68	2.34	0.0
2014-11-15 06:00	-23.31	1.96	0.0
2014-11-15 09:00	-23.74	0.57	0.0
2014-11-15 12:00	-24.86	1.57	0.0
2014-11-15 15:00	-27.14	0.42	0.0
2014-11-15 18:00	-25.74	2.52	0.0
2014-11-15 21:00	-24.58	0.90	0.0
2014-11-16 00:00	-25.03	1.94	0.0
2014-11-16 03:00	-22.30	0.95	0.0
2014-11-16 06:00	-21.74	1.87	0.0
2014-11-16 09:00	-20.34	0.96	0.0
2014-11-16 12:00	-18.10	0.85	0.0
2014-11-16 15:00	-17.91	0.94	0.0
2014-11-16 18:00	-18.01	0.94	0.0
2014-11-16 21:00	-16.69	0.66	0.0
2014-11-17 00:00	-18.08	0.26	0.0
2014-11-17 03:00	-18.75	1.37	0.0
2014-11-17 06:00	-22.22	0.77	0.0
2014-11-17 09:00	-19.83	1.31	0.0
2014-11-17 12:00	-19.06	1.15	0.0
2014-11-17 15:00	-19.81	1.02	0.0
2014-11-17 18:00	-20.14	2.17	0.0
2014-11-17 21:00	-19.56	1.47	0.0
2014-11-18 00:00	-20.38	0.90	0.0
2014-11-18 03:00	-22.45	1.75	0.0
2014-11-18 06:00	-22.76	0.54	0.0
2014-11-18 09:00	-24.49	0.42	0.0
2014-11-18 12:00	-21.77	0.81	0.0
2014-11-18 15:00	-22.99	1.02	0.0
2014-11-18 18:00	-20.07	1.03	0.0
2014-11-18 21:00	-19.02	0.39	0.0
2014-11-19 00:00	-18.45	0.58	0.0
2014-11-19 03:00	-19.57	0.28	0.0
2014-11-19 06:00	-20.72	2.94	0.0
2014-11-19 09:00	-23.10	1.26	0.0
2014-11-19 12:00	-22.35	1.22	0.0
2014-11-19 15:00	-23.61	2.10	0.0
2014-11-19 18:00	-22.59	1.69	0.0
2014-11-19 21:00	-23.87	0.55	0.0
2014-11-20 00:00	-23.20	3.05	0.0
2014-11-20 03:00	-26.70	0.35	0.0

2014-11-20 06:00	-25.91	1.10	0.0
2014-11-20 09:00	-24.99	1.42	0.0
2014-11-20 12:00	-27.79	0.81	0.0
2014-11-20 15:00	-28.26	0.72	0.0
2014-11-20 18:00	-27.41	0.95	0.0
2014-11-20 21:00	-27.13	0.98	0.0
2014-11-21 00:00	-26.38	0.87	0.0
2014-11-21 03:00	-24.95	1.97	0.0
2014-11-21 06:00	-25.98	0.90	0.0
2014-11-21 09:00	-23.19	0.29	0.0
2014-11-21 12:00	-24.46	1.10	0.0
2014-11-21 15:00	-24.35	2.88	0.0
2014-11-21 18:00	-24.83	1.08	0.0
2014-11-21 21:00	-26.25	1.13	0.0
2014-11-22 00:00	-28.09	0.56	0.0
2014-11-22 03:00	-29.96	0.00	0.0
2014-11-22 06:00	-28.52	0.10	0.0
2014-11-22 09:00	-28.52	0.36	0.0
2014-11-22 12:00	-27.26	0.44	0.0
2014-11-22 15:00	-28.49	0.38	0.0
2014-11-22 18:00	-29.71	0.15	0.0
2014-11-22 21:00	-30.13	0.41	0.0
2014-11-23 00:00	-29.89	0.45	0.0
2014-11-23 03:00	-28.31	0.25	0.0
2014-11-23 06:00	-27.70	0.19	0.0
2014-11-23 09:00	-26.68	0.12	0.0
2014-11-23 12:00	-26.52	0.35	0.0
2014-11-23 15:00	-26.48	0.62	0.0
2014-11-23 18:00	-21.93	0.89	0.0
2014-11-23 21:00	-22.34	0.33	0.0
2014-11-24 00:00	-24.01	0.26	0.0
2014-11-24 03:00	-23.87	0.47	0.0
2014-11-24 06:00	-23.39	0.49	0.0
2014-11-24 09:00	-24.00	0.65	0.0
2014-11-24 12:00	-27.54	0.39	0.0
2014-11-24 15:00	-29.08	0.19	0.0
2014-11-24 18:00	-28.60	0.26	0.0
2014-11-24 21:00	-30.47	0.02	0.0
2014-11-25 00:00	-28.55	0.23	0.0
2014-11-25 03:00	-29.27	0.38	0.0
2014-11-25 06:00	-28.08	0.31	0.0
2014-11-25 09:00	-23.93	1.14	0.0
2014-11-25 12:00	-26.96	0.44	0.0
2014-11-25 15:00	-29.34	0.37	0.0
2014-11-25 18:00	-30.81	0.06	0.0
2014-11-25 21:00	-27.71	0.14	0.0
2014-11-26 00:00	-27.81	0.21	0.0
2014-11-26 03:00	-24.65	0.22	0.0
2014-11-26 06:00	-23.70	0.35	0.0
2014-11-26 09:00	-24.76	0.72	0.0
2014-11-26 12:00	-24.72	0.60	0.0
2014-11-26 15:00	-26.93	0.08	0.0
2014-11-26 18:00	-28.26	0.16	0.0
2014-11-26 21:00	-31.05	0.31	0.0

2014-11-27 00:00	-30.60	0.25	0.0
2014-11-27 03:00	-30.30	0.07	0.0
2014-11-27 06:00	-30.26	0.31	0.0
2014-11-27 09:00	-31.69	0.02	0.0
2014-11-27 12:00	-28.21	0.00	0.0
2014-11-27 15:00	-29.20	0.50	0.0
2014-11-27 18:00	-31.86	0.04	0.0
2014-11-27 21:00	-30.60	0.89	0.0
2014-11-28 00:00	-31.14	0.10	0.0
2014-11-28 03:00	-27.50	0.68	0.0
2014-11-28 06:00	-31.83	0.69	0.0
2014-11-28 09:00	-28.79	1.77	0.0
2014-11-28 12:00	-31.52	0.69	0.0
2014-11-28 15:00	-30.53	0.34	0.0
2014-11-28 18:00	-28.96	0.51	0.0
2014-11-28 21:00	-28.18	0.74	0.0
2014-11-29 00:00	-28.97	0.54	0.0
2014-11-29 03:00	-27.40	0.44	0.0
2014-11-29 06:00	-25.94	0.29	0.0
2014-11-29 09:00	-25.98	0.59	0.0
2014-11-29 12:00	-28.53	0.58	0.0
2014-11-29 15:00	-29.07	0.68	0.0
2014-11-29 18:00	-30.77	0.24	0.0
2014-11-29 21:00	-30.77	0.37	0.0
2014-11-30 00:00	-30.63	0.47	0.0
2014-11-30 03:00	-31.32	0.55	0.0
2014-11-30 06:00	-32.23	0.08	0.0
2014-11-30 09:00	-31.72	0.43	0.0
2014-11-30 12:00	-36.83	0.13	0.0
2014-11-30 15:00	-34.51	0.44	0.0
2014-11-30 18:00	-32.26	0.91	0.0
2014-11-30 21:00	-37.51	0.38	0.0

FIGURE S10

Date	41922.0		shrub		shrubalb30		shrubalb60	
	herb		Height, cm	Snow density, kg/m3	Height, cm	Snow density, kg/m3	Height, cm	Snow density, kg/m3
	Height, cm	Snow density, kg/m3						
	15.51	104.4	18.97	104.6	16.89	103.8	11.03	103.7
	14.45	107.5	17.48	109.1	15.51	108.8	9.54	106.1
	13.14	116.1	16.07	105.1	14.15	105.2	7.99	165.8
	11.95	129.7	14.91	123.3	13.11	123.1	7.01	119.8
	10.83	120.4	13.72	113.4	12.12	116.0	6.13	114.6
	10.15	125.9	11.83	114.9	9.27	115.6	2.83	145.2
	8.17	143.2	9.47	118.9	5.60	170.9		
	5.28	184.7	6.69	166.1	3.64	199.2		
	3.02	188.8	3.99	166.9	1.45	330.3		
	1.00	316.9	1.57	327.1				

FIGURE S11

Date	-5cm soil temperature, °C				
	Observations herb	shrub	shrubalb30	shrubalb60	
2013-08-01 06:00	1.3	1.30	1.31	1.40	1.45
2013-08-02 06:00	2.9	5.37	5.39	5.49	5.52
2013-08-03 06:00	3.4	5.64	5.65	5.73	5.76
2013-08-04 06:00	2.4	4.71	4.72	4.80	4.83
2013-08-05 06:00	2.7	3.93	3.95	4.04	4.07
2013-08-06 06:00	2.5	6.78	6.80	6.91	6.93
2013-08-07 06:00	4.2	8.72	8.74	8.86	8.88
2013-08-08 06:00	4.5	7.89	7.91	8.02	8.04
2013-08-09 06:00	2.5	3.19	3.23	3.34	3.36
2013-08-10 06:00	2	4.52	4.61	4.71	4.73
2013-08-11 06:00	3.5	6.11	6.23	6.31	6.33
2013-08-12 06:00	3.4	6.65	6.78	6.85	6.86
2013-08-13 06:00	2	4.21	4.34	4.40	4.41
2013-08-14 06:00	2	3.40	3.52	3.57	3.57
2013-08-15 06:00	2.2	3.80	3.96	4.01	4.02
2013-08-16 06:00	1	0.63	0.76	0.78	0.79
2013-08-17 06:00	0.7	0.34	0.46	0.49	0.50
2013-08-18 06:00	0.8	0.49	0.61	0.64	0.64
2013-08-19 06:00	1.4	1.41	1.51	1.54	1.54
2013-08-20 06:00	2.5	3.83	3.91	3.94	3.94
2013-08-21 06:00	1.6	-0.17	-0.12	-0.11	-0.10
2013-08-22 06:00	1.1	-0.13	-0.09	-0.07	-0.06
2013-08-23 06:00	0.5	-1.95	-1.93	-1.91	-1.90
2013-08-24 06:00	1.5	0.38	0.54	0.59	0.60
2013-08-25 06:00	0.9	-1.37	-1.34	-1.32	-1.32
2013-08-26 06:00	0.7	-0.60	-0.57	-0.55	-0.54
2013-08-27 06:00	0.6	0.88	0.93	0.96	0.97
2013-08-28 06:00	1.1	-0.02	0.00	0.01	0.02
2013-08-29 06:00	0.7	-0.35	-0.33	-0.32	-0.32
2013-08-30 06:00	0.6	-0.53	-0.52	-0.50	-0.50
2013-08-31 06:00	0.6	-0.55	-0.54	-0.52	-0.52
2013-09-01 06:00	0.6	-0.70	-0.69	-0.67	-0.67
2013-09-02 06:00	0.7	-0.97	-0.96	-0.94	-0.94
2013-09-03 06:00	0.6	-0.17	-0.17	-0.17	-0.16
2013-09-04 06:00	0.6	-0.32	-0.31	-0.30	-0.29
2013-09-05 06:00	0.7	-1.51	-1.50	-1.48	-1.47
2013-09-06 06:00	0.5	-1.16	-1.16	-1.14	-1.14
2013-09-07 06:00	0.3	-1.18	-1.17	-1.17	-1.16
2013-09-08 06:00	0.3	-2.03	-2.03	-2.02	-2.02
2013-09-09 06:00	0.3	-0.92	-0.92	-0.92	-0.91
2013-09-10 06:00	0.3	-1.54	-1.76	-1.49	-1.46
2013-09-11 06:00	0.3	-1.39	-1.45	-1.36	-1.34
2013-09-12 06:00	0.2	-2.21	-2.29	-2.17	-2.14

2013-09-13 06:00	0.2	-2.57	-2.65	-2.58	-2.55
2013-09-14 06:00	0.1	-2.09	-2.12	-2.02	-1.99
2013-09-15 06:00	0.2	-2.55	-2.54	-1.89	-1.60
2013-09-16 06:00	0.2	-2.81	-2.74	-1.86	-1.51
2013-09-17 06:00	0.2	-3.84	-3.31	-2.76	-3.66
2013-09-18 06:00	0.1	-5.32	-4.60	-3.87	-4.55
2013-09-19 06:00	0	-5.50	-4.53	-3.83	-3.96
2013-09-20 06:00	0	-7.14	-5.02	-4.26	-5.25
2013-09-21 06:00	-0.3	-8.20	-6.08	-5.13	-6.39
2013-09-22 06:00	-0.5	-8.41	-6.52	-5.67	-6.73
2013-09-23 06:00	-0.2	-9.95	-7.60	-6.79	-8.39
2013-09-24 06:00	-0.3	-10.57	-7.95	-7.17	-8.91
2013-09-25 06:00	-0.2	-9.91	-7.54	-6.69	-7.71
2013-09-26 06:00	0.1	-5.34	-4.65	-3.62	-2.64
2013-09-27 06:00	-0.1	-3.61	-3.36	-2.57	-1.71
2013-09-28 06:00	-0.4	-2.88	-2.68	-1.66	-1.14
2013-09-29 06:00	-0.1	-5.50	-4.15	-4.00	-3.99
2013-09-30 06:00	-0.6	-9.06	-6.89	-7.25	-7.79
2013-10-01 06:00	-0.7	-9.92	-7.53	-8.27	-9.31
2013-10-02 06:00	-1.2	-10.40	-8.21	-8.66	-9.07
2013-10-03 06:00	-0.6	-9.56	-7.45	-7.91	-8.49
2013-10-04 06:00	-1	-10.11	-7.57	-8.50	-9.12
2013-10-05 06:00	-1.6	-10.78	-7.82	-8.88	-9.22
2013-10-06 06:00	-1.5	-11.43	-8.27	-9.10	-9.64
2013-10-07 06:00	-2.7	-13.18	-9.49	-10.25	-11.22
2013-10-08 06:00	-3.6	-13.94	-10.03	-10.75	-11.79
2013-10-09 06:00	-4.6	-14.08	-10.33	-10.78	-11.56
2013-10-10 06:00	-5.9	-14.42	-10.19	-10.92	-11.77
2013-10-11 06:00	-6.1	-14.64	-10.52	-11.03	-11.74
2013-10-12 06:00	-4.9	-12.62	-9.41	-9.40	-9.58
2013-10-13 06:00	-4.1	-10.43	-7.66	-7.34	-7.30
2013-10-14 06:00	-3.7	-9.37	-6.77	-6.30	-6.17
2013-10-15 06:00	-3.8	-8.66	-6.19	-5.68	-5.53
2013-10-16 06:00	-3.5	-8.06	-5.75	-5.18	-4.98
2013-10-17 06:00	-3.3	-7.62	-5.40	-4.80	-4.58
2013-10-18 06:00	-3.4	-7.45	-5.23	-4.63	-4.42
2013-10-19 06:00	-4	-7.26	-5.11	-4.50	-4.27
2013-10-20 06:00	-3.7	-7.06	-4.96	-4.34	-4.11
2013-10-21 06:00	-4.7	-6.84	-4.80	-4.18	-3.94
2013-10-22 06:00	-5.6	-7.01	-4.80	-4.18	-3.97
2013-10-23 06:00	-5.5	-7.40	-4.97	-4.36	-4.15
2013-10-24 06:00	-5.4	-7.82	-5.21	-4.59	-4.39
2013-10-25 06:00	-5.4	-8.33	-5.43	-4.80	-4.61
2013-10-26 06:00	-5.7	-8.38	-5.55	-4.92	-4.72
2013-10-27 06:00	-5.8	-8.08	-5.44	-4.79	-4.58
2013-10-28 06:00	-6.7	-8.26	-5.46	-4.83	-4.65
2013-10-29 06:00	-7.3	-8.16	-5.48	-4.84	-4.64

2013-10-30 06:00	-7.8	-8.15	-5.45	-4.81	-4.61
2013-10-31 06:00	-7.5	-8.72	-5.66	-5.05	-4.88
2013-11-01 06:00	-7.9	-8.81	-5.83	-5.21	-5.02
2013-11-02 06:00	-8.9	-8.98	-5.91	-5.29	-5.10
2013-11-03 06:00	-9.1	-9.26	-6.07	-5.44	-5.27
2013-11-04 06:00	-9.8	-9.46	-6.14	-5.52	-5.34
2013-11-05 06:00	-9	-9.75	-6.37	-5.75	-5.58
2013-11-06 06:00	-8.7	-9.63	-6.38	-5.74	-5.55
2013-11-07 06:00	-8.5	-9.40	-6.31	-5.66	-5.46
2013-11-08 06:00	-8.4	-9.22	-6.20	-5.55	-5.34
2013-11-09 06:00	-9.1	-9.68	-6.21	-5.58	-5.39
2013-11-10 06:00	-10.3	-10.44	-6.56	-5.96	-5.81
2013-11-11 06:00	-11.2	-10.93	-6.82	-6.22	-6.08
2013-11-12 06:00	-12.4	-11.64	-7.13	-6.54	-6.41
2013-11-13 06:00	-12.4	-12.36	-7.51	-6.93	-6.81
2013-11-14 06:00	-12.7	-12.37	-7.73	-7.13	-7.00
2013-11-15 06:00	-12.7	-12.23	-7.74	-7.14	-6.97
2013-11-16 06:00	-13	-12.75	-7.87	-7.28	-7.14
2013-11-17 06:00	-12.9	-12.92	-8.09	-7.50	-7.36
2013-11-18 06:00	-12.1	-12.49	-8.06	-7.45	-7.27
2013-11-19 06:00	-12.6	-12.04	-7.87	-7.25	-7.04
2013-11-20 06:00	-13.6	-11.70	-7.70	-7.06	-6.84
2013-11-21 06:00	-13.5	-11.75	-7.61	-6.97	-6.73
2013-11-22 06:00	-15.1	-11.92	-7.62	-6.99	-6.74
2013-11-23 06:00	-16.3	-12.37	-7.74	-7.11	-6.85
2013-11-24 06:00	-16.6	-12.85	-7.95	-7.32	-7.05
2013-11-25 06:00	-17.7	-13.36	-8.21	-7.58	-7.30
2013-11-26 06:00	-18.4	-13.79	-8.47	-7.84	-7.54
2013-11-27 06:00	-18.5	-14.04	-8.69	-8.05	-7.74
2013-11-28 06:00	-19.3	-14.27	-8.85	-8.21	-7.89
2013-11-29 06:00	-19.7	-14.50	-9.00	-8.36	-8.03
2013-11-30 06:00	-17.6	-14.52	-9.10	-8.46	-8.12
2013-12-01 06:00	-15.8	-14.30	-9.12	-8.47	-8.12
2013-12-02 06:00	-16.9	-14.01	-9.01	-8.35	-7.99
2013-12-03 06:00	-15.9	-14.01	-8.94	-8.28	-7.93
2013-12-04 06:00	-16.5	-13.75	-8.85	-8.19	-7.83
2013-12-05 06:00	-17	-13.93	-8.80	-8.15	-7.79
2013-12-06 06:00	-18.2	-14.27	-8.86	-8.21	-7.86
2013-12-07 06:00	-19.2	-14.78	-9.01	-8.37	-8.01
2013-12-08 06:00	-20	-15.32	-9.23	-8.61	-8.24
2013-12-09 06:00	-20.1	-15.65	-9.44	-8.82	-8.44
2013-12-10 06:00	-20.1	-16.19	-9.66	-9.04	-8.66
2013-12-11 06:00	-21	-16.67	-9.90	-9.29	-8.90
2013-12-12 06:00	-21.5	-16.98	-10.12	-9.51	-9.11
2013-12-13 06:00	-22.1	-17.28	-10.29	-9.67	-9.27
2013-12-14 06:00	-21.8	-17.61	-10.47	-9.85	-9.44
2013-12-15 06:00	-22.1	-17.71	-10.62	-10.00	-9.58

2013-12-16 06:00	-22.7	-17.85	-10.70	-10.08	-9.65
2013-12-17 06:00	-23.1	-18.08	-10.80	-10.18	-9.75
2013-12-18 06:00	-23.4	-18.36	-10.93	-10.31	-9.87
2013-12-19 06:00	-23.9	-18.65	-11.06	-10.45	-10.01
2013-12-20 06:00	-24.3	-18.98	-11.22	-10.61	-10.16
2013-12-21 06:00	-23.1	-19.19	-11.38	-10.77	-10.32
2013-12-22 06:00	-23.4	-18.93	-11.44	-10.82	-10.36
2013-12-23 06:00	-24.3	-19.13	-11.44	-10.82	-10.36
2013-12-24 06:00	-24.5	-19.47	-11.56	-10.94	-10.48
2013-12-25 06:00	-22.9	-19.49	-11.68	-11.06	-10.60
2013-12-26 06:00	-21.9	-19.07	-11.67	-11.04	-10.57
2013-12-27 06:00	-21.7	-18.77	-11.57	-10.93	-10.46
2013-12-28 06:00	-21.9	-18.56	-11.47	-10.83	-10.37
2013-12-29 06:00	-22.9	-18.73	-11.44	-10.80	-10.34
2013-12-30 06:00	-23.9	-18.92	-11.51	-10.88	-10.42
2013-12-31 06:00	-24.3	-19.12	-11.60	-10.98	-10.52
2014-01-01 06:00	-24.5	-19.34	-11.72	-11.10	-10.64
2014-01-02 06:00	-24.9	-19.57	-11.85	-11.23	-10.76
2014-01-03 06:00	-25.1	-19.78	-11.98	-11.37	-10.89
2014-01-04 06:00	-24.5	-19.83	-12.10	-11.48	-11.01
2014-01-05 06:00	-24.5	-19.73	-12.14	-11.52	-11.04
2014-01-06 06:00	-23.9	-19.80	-12.17	-11.55	-11.06
2014-01-07 06:00	-24.7	-19.90	-12.21	-11.59	-11.10
2014-01-08 06:00	-25.1	-20.24	-12.31	-11.69	-11.21
2014-01-09 06:00	-23.3	-20.45	-12.47	-11.85	-11.36
2014-01-10 06:00	-22.3	-20.10	-12.52	-11.90	-11.41
2014-01-11 06:00	-22.3	-19.51	-12.41	-11.77	-11.28
2014-01-12 06:00	-23.1	-19.34	-12.25	-11.61	-11.12
2014-01-13 06:00	-23.1	-19.41	-12.21	-11.56	-11.08
2014-01-14 06:00	-24.1	-19.39	-12.19	-11.54	-11.06
2014-01-15 06:00	-23.4	-19.53	-12.22	-11.58	-11.09
2014-01-16 06:00	-22.7	-19.30	-12.24	-11.60	-11.11
2014-01-17 06:00	-22.3	-18.93	-12.16	-11.51	-11.02
2014-01-18 06:00	-23	-18.71	-12.04	-11.38	-10.90
2014-01-19 06:00	-23.9	-18.91	-11.99	-11.34	-10.85
2014-01-20 06:00	-24.1	-19.17	-12.05	-11.41	-10.93
2014-01-21 06:00	-24.5	-19.27	-12.15	-11.50	-11.03
2014-01-22 06:00	-24.7	-19.38	-12.23	-11.58	-11.10
2014-01-23 06:00	-24.9	-19.53	-12.31	-11.67	-11.19
2014-01-24 06:00	-25.2	-19.71	-12.41	-11.77	-11.28
2014-01-25 06:00	-24.5	-19.89	-12.52	-11.88	-11.40
2014-01-26 06:00	-24.2	-19.79	-12.61	-11.96	-11.47
2014-01-27 06:00	-24.3	-19.70	-12.62	-11.97	-11.48
2014-01-28 06:00	-24.3	-19.58	-12.61	-11.96	-11.46
2014-01-29 06:00	-24.3	-19.44	-12.57	-11.92	-11.42
2014-01-30 06:00	-23.9	-19.37	-12.54	-11.88	-11.38
2014-01-31 06:00	-23.1	-19.33	-12.51	-11.85	-11.35

2014-02-01 06:00	-23.1	-19.33	-12.49	-11.83	-11.34
2014-02-02 06:00	-23.7	-19.33	-12.49	-11.83	-11.34
2014-02-03 06:00	-23	-19.31	-12.49	-11.83	-11.34
2014-02-04 06:00	-23.1	-19.33	-12.50	-11.84	-11.34
2014-02-05 06:00	-22.7	-19.41	-12.52	-11.86	-11.37
2014-02-06 06:00	-23.5	-19.46	-12.56	-11.90	-11.40
2014-02-07 06:00	-23.1	-19.35	-12.57	-11.91	-11.41
2014-02-08 06:00	-22.9	-19.43	-12.57	-11.91	-11.42
2014-02-09 06:00	-23.2	-19.61	-12.62	-11.96	-11.46
2014-02-10 06:00	-23.9	-19.80	-12.70	-12.05	-11.55
2014-02-11 06:00	-24.2	-20.00	-12.80	-12.15	-11.65
2014-02-12 06:00	-23.9	-20.12	-12.90	-12.25	-11.74
2014-02-13 06:00	-24.5	-20.30	-13.00	-12.35	-11.83
2014-02-14 06:00	-25.1	-20.44	-13.10	-12.45	-11.93
2014-02-15 06:00	-25.5	-20.62	-13.20	-12.55	-12.03
2014-02-16 06:00	-26	-20.84	-13.31	-12.66	-12.13
2014-02-17 06:00	-26.2	-21.07	-13.44	-12.79	-12.25
2014-02-18 06:00	-26.2	-21.21	-13.56	-12.91	-12.37
2014-02-19 06:00	-26	-21.29	-13.67	-13.01	-12.46
2014-02-20 06:00	-26.4	-21.26	-13.73	-13.07	-12.52
2014-02-21 06:00	-26	-21.36	-13.78	-13.12	-12.56
2014-02-22 06:00	-25.5	-21.36	-13.84	-13.17	-12.61
2014-02-23 06:00	-25.9	-21.24	-13.85	-13.18	-12.61
2014-02-24 06:00	-25.5	-21.26	-13.86	-13.18	-12.60
2014-02-25 06:00	-26	-21.31	-13.87	-13.19	-12.61
2014-02-26 06:00	-26	-21.52	-13.92	-13.24	-12.65
2014-02-27 06:00	-25.5	-21.67	-14.00	-13.32	-12.73
2014-02-28 06:00	-25.8	-21.74	-14.08	-13.39	-12.79
2014-03-01 06:00	-25.5	-21.78	-14.14	-13.44	-12.83
2014-03-02 06:00	-25.3	-21.76	-14.19	-13.48	-12.85
2014-03-03 06:00	-25.3	-21.74	-14.21	-13.49	-12.85
2014-03-04 06:00	-24.9	-21.68	-14.22	-13.49	-12.84
2014-03-05 06:00	-24.4	-21.51	-14.20	-13.46	-12.80
2014-03-06 06:00	-24.3	-21.42	-14.16	-13.41	-12.75
2014-03-07 06:00	-24.1	-21.50	-14.14	-13.38	-12.72
2014-03-08 06:00	-24.9	-21.61	-14.16	-13.40	-12.73
2014-03-09 06:00	-25.5	-21.85	-14.22	-13.45	-12.77
2014-03-10 06:00	-26	-22.01	-14.31	-13.53	-12.83
2014-03-11 06:00	-26	-22.13	-14.40	-13.60	-12.89
2014-03-12 06:00	-26	-22.23	-14.48	-13.67	-12.94
2014-03-13 06:00	-26	-22.29	-14.55	-13.72	-12.98
2014-03-14 06:00	-26.2	-22.26	-14.59	-13.75	-13.00
2014-03-15 06:00	-26.2	-22.25	-14.62	-13.76	-13.00
2014-03-16 06:00	-26	-22.25	-14.63	-13.76	-13.00
2014-03-17 06:00	-24.9	-22.22	-14.65	-13.76	-13.00
2014-03-18 06:00	-25.1	-22.01	-14.63	-13.74	-12.98
2014-03-19 06:00	-25.3	-22.00	-14.59	-13.69	-12.93

2014-03-20 06:00	-25.7	-22.16	-14.59	-13.69	-12.93
2014-03-21 06:00	-26	-22.36	-14.65	-13.73	-12.96
2014-03-22 06:00	-26.2	-22.48	-14.73	-13.78	-13.00
2014-03-23 06:00	-26.2	-22.51	-14.80	-13.82	-13.04
2014-03-24 06:00	-26.4	-22.57	-14.85	-13.85	-13.06
2014-03-25 06:00	-26.4	-22.60	-14.90	-13.88	-13.08
2014-03-26 06:00	-26.2	-22.59	-14.94	-13.90	-13.09
2014-03-27 06:00	-25.7	-22.64	-14.97	-13.92	-13.11
2014-03-28 06:00	-25.3	-22.71	-15.03	-13.95	-13.13
2014-03-29 06:00	-25.5	-22.68	-15.07	-13.98	-13.15
2014-03-30 06:00	-25.3	-22.62	-15.08	-13.98	-13.14
2014-03-31 06:00	-25.1	-22.55	-15.08	-13.97	-13.12
2014-04-01 06:00	-24.3	-22.43	-15.06	-13.94	-13.09
2014-04-02 06:00	-23.4	-22.14	-15.00	-13.89	-13.04
2014-04-03 06:00	-23.4	-21.83	-14.90	-13.79	-12.94
2014-04-04 06:00	-23.7	-21.76	-14.78	-13.68	-12.84
2014-04-05 06:00	-23.1	-21.70	-14.72	-13.61	-12.78
2014-04-06 06:00	-23.4	-21.57	-14.66	-13.55	-12.72
2014-04-07 06:00	-23.5	-21.69	-14.62	-13.51	-12.70
2014-04-08 06:00	-23.4	-21.66	-14.63	-13.51	-12.69
2014-04-09 06:00	-23.7	-21.57	-14.62	-13.48	-12.66
2014-04-10 06:00	-23.5	-21.51	-14.59	-13.44	-12.61
2014-04-11 06:00	-23.1	-21.51	-14.57	-13.41	-12.56
2014-04-12 06:00	-22.7	-21.45	-14.56	-13.38	-12.52
2014-04-13 06:00	-22.3	-21.35	-14.54	-13.34	-12.47
2014-04-14 06:00	-22.4	-21.23	-14.50	-13.27	-12.38
2014-04-15 06:00	-22.4	-21.17	-14.46	-13.21	-12.28
2014-04-16 06:00	-21.9	-21.08	-14.42	-13.15	-12.19
2014-04-17 06:00	-21.5	-20.84	-14.36	-13.08	-12.09
2014-04-18 06:00	-20.8	-20.59	-14.27	-12.98	-11.98
2014-04-19 06:00	-20.2	-20.33	-14.17	-12.88	-11.87
2014-04-20 06:00	-20.4	-20.06	-14.05	-12.75	-11.79
2014-04-21 06:00	-20.1	-19.76	-13.93	-12.59	-11.67
2014-04-22 06:00	-19.7	-19.63	-13.81	-12.46	-11.55
2014-04-23 06:00	-19.8	-19.55	-13.74	-12.39	-11.45
2014-04-24 06:00	-19.7	-19.37	-13.67	-12.28	-11.35
2014-04-25 06:00	-19.4	-19.20	-13.58	-12.11	-11.16
2014-04-26 06:00	-19.2	-19.10	-13.51	-12.01	-11.09
2014-04-27 06:00	-19.7	-19.09	-13.44	-11.99	-11.10
2014-04-28 06:00	-20.2	-19.28	-13.43	-12.04	-11.16
2014-04-29 06:00	-20.1	-19.46	-13.48	-12.13	-11.25
2014-04-30 06:00	-18.9	-19.38	-13.52	-12.15	-11.24
2014-05-01 06:00	-18	-19.08	-13.50	-12.07	-10.99
2014-05-02 06:00	-17.8	-18.77	-13.39	-11.90	-10.73
2014-05-03 06:00	-17.8	-18.60	-13.28	-11.77	-10.30
2014-05-04 06:00	-18	-18.53	-13.19	-11.69	-9.67
2014-05-05 06:00	-17.7	-18.51	-13.14	-11.65	-9.08

2014-05-06 06:00	-17.1	-18.32	-13.09	-11.56	-4.84
2014-05-07 06:00	-17	-18.01	-13.00	-11.26	-2.94
2014-05-08 06:00	-16.7	-17.81	-12.88	-6.09	-6.24
2014-05-09 06:00	-16.5	-17.64	-12.78	-3.24	-6.38
2014-05-10 06:00	-16.3	-17.45	-12.68	-2.38	-2.31
2014-05-11 06:00	-15.8	-17.14	-12.57	-3.51	-1.52
2014-05-12 06:00	-15.4	-16.74	-12.42	-3.63	-1.41
2014-05-13 06:00	-14.7	-16.22	-12.24	-1.95	-0.95
2014-05-14 06:00	-14.3	-15.76	-12.06	-2.52	-1.84
2014-05-15 06:00	-13.8	-15.37	-11.88	-2.69	-2.26
2014-05-16 06:00	-13.8	-15.35	-11.76	-3.80	-2.33
2014-05-17 06:00	-13.7	-15.33	-11.71	-4.10	-2.40
2014-05-18 06:00	-13.5	-15.26	-11.67	-4.13	-3.93
2014-05-19 06:00	-13.4	-15.28	-11.64	-3.86	-2.10
2014-05-20 06:00	-13.4	-15.23	-11.62	-3.39	-1.82
2014-05-21 06:00	-13.2	-15.04	-11.58	-2.09	-1.53
2014-05-22 06:00	-12.6	-14.75	-11.49	-1.18	-1.02
2014-05-23 06:00	-12.1	-14.20	-11.37	-0.95	-0.89
2014-05-24 06:00	-11.7	-13.63	-11.21	-0.71	-0.53
2014-05-25 06:00	-11.5	-11.79	-10.77	-0.59	-0.54
2014-05-26 06:00	-10.7	-5.40	-4.53	0.52	0.59
2014-05-27 06:00	-10.2	-3.73	-3.18	-0.87	-0.86
2014-05-28 06:00	-9	-2.72	-2.20	0.08	0.51
2014-05-29 06:00	-7.7	-3.12	-1.59	-0.93	-0.64
2014-05-30 06:00	-7.9	-4.90	-2.19	-0.16	-0.01
2014-05-31 06:00	-7.6	-3.45	-1.51	-0.20	-0.11
2014-06-01 06:00	-7.6	-2.26	-0.80	-0.17	-0.08
2014-06-02 06:00	-4.5	-1.71	-0.29	0.00	0.00
2014-06-03 06:00	-3.6	-1.31	-0.34	0.85	1.09
2014-06-04 06:00	-4.6	-2.79	-0.40	-0.46	-0.30
2014-06-05 06:00	-5	-1.69	-0.50	1.77	1.84
2014-06-06 06:00	-1.7	-1.65	-0.16	2.01	2.05
2014-06-07 06:00	-0.7	-0.07	2.00	3.69	3.72
2014-06-08 06:00	-0.5	1.75	2.29	3.86	4.05
2014-06-09 06:00	-0.3	1.36	1.69	3.10	3.33
2014-06-10 06:00	-0.1	-0.31	-0.02	0.47	0.53
2014-06-11 06:00	0.1	0.96	1.65	2.07	2.10
2014-06-12 06:00	0.3	3.10	4.07	4.62	4.65
2014-06-13 06:00	0.4	3.28	3.45	4.09	4.12
2014-06-14 06:00	0.4	0.87	0.98	1.51	1.53
2014-06-15 06:00	0.7	3.28	3.39	3.82	3.87
2014-06-16 06:00	0.6	3.79	3.89	4.38	4.40
2014-06-17 06:00	0.6	3.39	3.48	4.03	4.05
2014-06-18 06:00	0.8	4.54	4.97	5.21	5.23
2014-06-19 06:00	0.7	3.95	4.43	4.57	4.65
2014-06-20 06:00	0.6	4.07	4.36	4.47	4.67
2014-06-21 06:00	0.7	4.84	4.98	5.14	5.31

2014-06-22 06:00	0.7	5.03	5.13	5.40	5.48
2014-06-23 06:00	0.7	5.02	5.11	5.43	5.47
2014-06-24 06:00	0.8	3.96	4.02	4.37	4.40
2014-06-25 06:00	0.4	3.85	3.91	4.23	4.26
2014-06-26 06:00	0.5	5.27	5.33	5.65	5.67
2014-06-27 06:00	0.6	3.49	3.54	3.87	3.89
2014-06-28 06:00	1	3.87	3.92	4.21	4.23
2014-06-29 06:00	0.7	6.24	6.29	6.59	6.60
2014-06-30 06:00	1.1	5.60	5.80	6.00	6.02
2014-07-01 06:00	1.2	7.16	7.43	7.56	7.58
2014-07-02 06:00	1.5	7.14	7.46	7.56	7.57
2014-07-03 06:00	1.3	6.92	7.26	7.34	7.36
2014-07-04 06:00	1.1	5.05	5.24	5.31	5.39
2014-07-05 06:00	1.6	6.28	6.40	6.46	6.59
2014-07-06 06:00	1.6	7.37	7.46	7.55	7.67
2014-07-07 06:00	2.3	7.80	7.88	8.03	8.10
2014-07-08 06:00	1.7	5.88	5.94	6.15	6.20
2014-07-09 06:00	1.5	7.44	7.50	7.72	7.76
2014-07-10 06:00	2.6	8.93	8.98	9.21	9.24
2014-07-11 06:00	3.5	7.98	8.02	8.27	8.29
2014-07-12 06:00	3.4	8.63	8.68	8.94	8.96
2014-07-13 06:00	2.9	7.88	7.93	8.18	8.20
2014-07-14 06:00	3	6.09	6.22	6.41	6.43
2014-07-15 06:00	3.2	9.24	9.43	9.58	9.60
2014-07-16 06:00	3.4	8.66	8.84	8.93	8.94
2014-07-17 06:00	3.5	10.04	10.24	10.31	10.32
2014-07-18 06:00	3.3	7.86	8.10	8.16	8.17
2014-07-19 06:00	3.2	7.19	7.39	7.44	7.45
2014-07-20 06:00	3.9	6.48	6.64	6.69	6.71
2014-07-21 06:00	2.7	5.26	5.36	5.40	5.41
2014-07-22 06:00	3.5	5.45	5.53	5.57	5.58
2014-07-23 06:00	3.1	6.84	6.89	6.92	6.92
2014-07-24 06:00	2.8	7.88	7.92	7.94	7.95
2014-07-25 06:00	3.9	10.55	10.58	10.61	10.66
2014-07-26 06:00	3.8	12.63	12.66	12.68	12.75
2014-07-27 06:00	3.7	8.93	8.96	9.00	9.08
2014-07-28 06:00	3.5	6.87	6.90	6.99	7.06
2014-07-29 06:00	3.9	7.84	7.87	8.00	8.04
2014-07-30 06:00	4.2	8.11	8.14	8.29	8.33
2014-07-31 06:00	4	7.06	7.08	7.25	7.27
2014-08-01 06:00	3.8	6.84	6.87	7.07	7.09
2014-08-02 06:00	4.7	10.27	10.30	10.48	10.50
2014-08-03 06:00	2.4	4.81	4.87	5.00	5.02
2014-08-04 06:00	2.9	6.21	6.30	6.41	6.43
2014-08-05 06:00	4.5	6.66	6.79	6.87	6.88
2014-08-06 06:00	4	4.69	4.84	4.92	4.93
2014-08-07 06:00	4	5.57	5.70	5.76	5.76

2014-08-08 06:00	2.6	3.45	3.58	3.63	3.63
2014-08-09 06:00	2.5	1.29	1.44	1.48	1.49
2014-08-10 06:00	3.1	2.79	2.94	2.97	2.98
2014-08-11 06:00	2.6	1.57	1.72	1.76	1.76
2014-08-12 06:00	1.9	1.81	1.95	1.98	1.99
2014-08-13 06:00	1.7	1.46	1.58	1.60	1.61
2014-08-14 06:00	1.4	1.37	1.46	1.48	1.48
2014-08-15 06:00	1.7	2.40	2.47	2.49	2.49
2014-08-16 06:00	1.7	3.34	3.41	3.43	3.43
2014-08-17 06:00	1.6	0.09	0.14	0.16	0.16
2014-08-18 06:00	2.1	2.28	2.36	2.38	2.38
2014-08-19 06:00	2.3	3.37	3.45	3.47	3.47
2014-08-20 06:00	2.6	3.03	3.11	3.13	3.13
2014-08-21 06:00	1.9	1.89	1.97	1.98	1.99
2014-08-22 06:00	1.8	1.92	2.02	2.03	2.04
2014-08-23 06:00	1.9	0.78	0.87	0.89	0.89
2014-08-24 06:00	2.2	2.04	2.13	2.15	2.15
2014-08-25 06:00	2.9	3.17	3.25	3.27	3.27
2014-08-26 06:00	1.5	1.87	1.92	1.94	1.94
2014-08-27 06:00	1.6	1.28	1.35	1.37	1.37
2014-08-28 06:00	1.9	0.23	0.30	0.32	0.32
2014-08-29 06:00	2.1	2.11	2.19	2.21	2.21
2014-08-30 06:00	1.4	1.81	1.87	1.89	1.89
2014-08-31 06:00	1.1	-0.01	0.04	0.05	0.05
2014-09-01 06:00	1.1	0.34	0.40	0.42	0.42
2014-09-02 06:00	1.3	0.31	0.36	0.38	0.38
2014-09-03 06:00	1	0.20	0.24	0.25	0.26
2014-09-04 06:00	0.8	1.28	1.33	1.35	1.36
2014-09-05 06:00	1	0.94	0.99	1.01	1.02
2014-09-06 06:00	1.1	2.08	2.12	2.14	2.14
2014-09-07 06:00	1.2	0.30	0.35	0.37	0.37
2014-09-08 06:00	0.9	-1.16	-1.13	-1.12	-1.12
2014-09-09 06:00	0.4	-1.80	-1.78	-1.77	-1.76
2014-09-10 06:00	0.3	-0.51	-0.49	-0.48	-0.48
2014-09-11 06:00	0.3	-0.98	-0.97	-0.96	-0.96
2014-09-12 06:00	0.3	-1.22	-1.22	-1.21	-1.21
2014-09-13 06:00	0.3	-0.99	-0.94	-0.93	-0.92
2014-09-14 06:00	0.3	-1.99	-1.74	-1.37	-1.07
2014-09-15 06:00	0.3	-1.58	-1.45	-0.79	-1.30
2014-09-16 06:00	0.3	-2.37	-2.01	-1.16	-1.78
2014-09-17 06:00	0.3	-2.05	-1.06	-0.53	-2.13
2014-09-18 06:00	0.3	-2.41	-1.97	-1.23	-1.27
2014-09-19 06:00	0.3	-0.99	-0.80	-0.47	-0.50
2014-09-20 06:00	0.3	-0.70	-0.56	-0.33	-0.41
2014-09-21 06:00	0.3	-0.77	-0.62	-0.27	-0.48
2014-09-22 06:00	0.3	-0.74	-0.61	-0.34	-0.39
2014-09-23 06:00	0.3	-0.82	-0.67	-0.44	-0.56

2014-09-24 06:00	0.3	-1.13	-0.90	-0.63	-0.76
2014-09-25 06:00	0.3	-1.62	-1.24	-0.95	-1.27
2014-09-26 06:00	0.3	-1.96	-1.52	-1.17	-1.52
2014-09-27 06:00	0.3	-1.87	-1.47	-1.18	-1.50
2014-09-28 06:00	0.2	-1.86	-1.45	-1.20	-1.56
2014-09-29 06:00	0.2	-1.94	-1.48	-1.27	-1.70
2014-09-30 06:00	0.1	-2.30	-1.71	-1.47	-1.93
2014-10-01 06:00	0	-2.61	-1.90	-1.64	-2.14
2014-10-02 06:00	0.1	-3.00	-2.16	-1.88	-2.71
2014-10-03 06:00	0	-3.17	-2.31	-1.98	-2.88
2014-10-04 06:00	0.1	-3.25	-2.41	-2.05	-3.02
2014-10-05 06:00	0	-3.31	-2.50	-2.17	-3.22
2014-10-06 06:00	-0.2	-3.36	-2.54	-2.27	-3.44
2014-10-07 06:00	-0.3	-3.51	-2.67	-2.46	-3.59
2014-10-08 06:00	-0.4	-3.46	-2.59	-2.46	-3.39
2014-10-09 06:00	-0.5	-3.37	-2.43	-2.35	-3.20
2014-10-10 06:00	-0.3	-3.48	-2.43	-2.37	-3.22
2014-10-11 06:00	-0.3	-3.22	-2.28	-2.19	-2.77
2014-10-12 06:00	-0.2	-2.53	-1.81	-1.69	-2.09
2014-10-13 06:00	-0.2	-2.13	-1.52	-1.40	-1.75
2014-10-14 06:00	-0.5	-2.09	-1.47	-1.34	-1.74
2014-10-15 06:00	-0.3	-2.02	-1.40	-1.27	-1.72
2014-10-16 06:00	-0.4	-2.10	-1.45	-1.32	-1.78
2014-10-17 06:00	-0.7	-2.16	-1.47	-1.34	-1.86
2014-10-18 06:00	-1.1	-2.41	-1.59	-1.48	-2.14
2014-10-19 06:00	-1	-2.66	-1.76	-1.65	-2.31
2014-10-20 06:00	-1.2	-2.78	-1.81	-1.71	-2.42
2014-10-21 06:00	-1.7	-3.11	-2.00	-1.91	-2.64
2014-10-22 06:00	-2	-2.97	-1.93	-1.83	-2.45
2014-10-23 06:00	-3.9	-3.30	-2.02	-1.96	-2.74
2014-10-24 06:00	-4.4	-3.65	-2.21	-2.15	-2.83
2014-10-25 06:00	-5	-3.89	-2.18	-2.12	-2.77
2014-10-26 06:00	-6.6	-4.49	-2.23	-2.19	-2.88
2014-10-27 06:00	-7	-4.53	-2.25	-2.20	-2.79
2014-10-28 06:00	-6.8	-4.44	-2.16	-2.10	-2.63
2014-10-29 06:00	-6.6	-4.27	-2.06	-2.00	-2.47
2014-10-30 06:00	-6.1	-3.94	-1.91	-1.83	-2.23
2014-10-31 06:00	-6.3	-3.92	-1.79	-1.70	-2.10
2014-11-01 06:00	-6.6	-4.27	-1.80	-1.72	-2.18
2014-11-02 06:00	-7.4	-4.60	-1.87	-1.78	-2.25
2014-11-03 06:00	-6.4	-4.91	-1.95	-1.85	-2.33
2014-11-04 06:00	-6.6	-4.90	-1.96	-1.84	-2.28
2014-11-05 06:00	-7.7	-5.05	-1.96	-1.82	-2.26
2014-11-06 06:00	-9.2	-5.33	-1.96	-1.80	-2.25
2014-11-07 06:00	-9	-5.96	-2.06	-1.88	-2.38
2014-11-08 06:00	-8.7	-6.03	-2.17	-1.96	-2.44
2014-11-09 06:00	-9.2	-5.87	-2.16	-1.93	-2.35

2014-11-10 06:00	-9.8	-6.11	-2.17	-1.91	-2.34
2014-11-11 06:00	-9.2	-6.45	-2.24	-1.97	-2.40
2014-11-12 06:00	-9.6	-7.05	-2.30	-1.99	-2.38
2014-11-13 06:00	-10.9	-8.11	-2.37	-2.03	-2.37
2014-11-14 06:00	-10.9	-8.38	-2.48	-2.10	-2.40
2014-11-15 06:00	-12.1	-8.75	-2.56	-2.15	-2.41
2014-11-16 06:00	-13	-9.75	-2.69	-2.24	-2.48
2014-11-17 06:00	-12.6	-9.83	-2.85	-2.37	-2.57
2014-11-18 06:00	-13.2	-10.32	-2.93	-2.41	-2.59
2014-11-19 06:00	-13.2	-10.91	-3.07	-2.51	-2.67
2014-11-20 06:00	-14.2	-10.95	-3.19	-2.58	-2.71
2014-11-21 06:00	-15.1	-11.17	-3.26	-2.61	-2.73
2014-11-22 06:00	-15.4	-11.72	-3.39	-2.69	-2.80
2014-11-23 06:00	-16.2	-12.12	-3.56	-2.81	-2.91
2014-11-24 06:00	-16	-12.02	-3.68	-2.88	-2.97
2014-11-25 06:00	-17	-12.33	-3.75	-2.91	-2.99
2014-11-26 06:00	-16.6	-12.97	-3.91	-3.02	-3.10
2014-11-27 06:00	-17.4	-13.50	-4.11	-3.17	-3.24
2014-11-28 06:00	-17.7	-13.93	-4.32	-3.33	-3.39
2014-11-29 06:00	-17.6	-14.12	-4.51	-3.46	-3.51
2014-11-30 06:00	-18	-13.78	-4.59	-3.50	-3.54
2014-12-01 06:00	-19.2	-14.20	-4.65	-3.53	-3.56
2014-12-02 06:00	-20	-14.82	-4.85	-3.68	-3.72
2014-12-03 06:00	-19.3	-15.04	-5.07	-3.85	-3.87
2014-12-04 06:00	-20.8	-15.46	-5.24	-3.98	-3.99
2014-12-05 06:00	-20.4	-15.71	-5.45	-4.14	-4.13
2014-12-06 06:00	-21.1	-15.84	-5.59	-4.25	-4.23
2014-12-07 06:00	-19.9	-16.11	-5.73	-4.37	-4.33
2014-12-08 06:00	-21.2	-16.37	-5.85	-4.46	-4.41
2014-12-09 06:00	-22.1	-16.93	-6.02	-4.60	-4.53
2014-12-10 06:00	-21.9	-17.30	-6.23	-4.77	-4.69
2014-12-11 06:00	-20.1	-16.97	-6.38	-4.90	-4.78
2014-12-12 06:00	-19	-16.22	-6.32	-4.84	-4.71
2014-12-13 06:00	-19.7	-16.01	-6.20	-4.72	-4.59
2014-12-14 06:00	-21.1	-16.53	-6.22	-4.75	-4.63
2014-12-15 06:00	-21.1	-16.78	-6.39	-4.90	-4.77
2014-12-16 06:00	-21.9	-16.99	-6.50	-5.01	-4.86
2014-12-17 06:00	-21.5	-17.36	-6.67	-5.16	-5.01
2014-12-18 06:00	-21.5	-17.01	-6.78	-5.26	-5.07
2014-12-19 06:00	-21.6	-17.19	-6.82	-5.30	-5.10
2014-12-20 06:00	-22.3	-17.55	-6.93	-5.42	-5.21
2014-12-21 06:00	-22.4	-17.86	-7.10	-5.58	-5.36
2014-12-22 06:00	-21.7	-18.06	-7.27	-5.74	-5.49
2014-12-23 06:00	-21.9	-18.30	-7.42	-5.88	-5.62
2014-12-24 06:00	-22.3	-18.51	-7.56	-6.03	-5.74
2014-12-25 06:00	-22.3	-18.86	-7.72	-6.19	-5.88
2014-12-26 06:00	-23.1	-19.05	-7.87	-6.33	-6.01

2014-12-27 06:00	-23.1	-19.47	-8.05	-6.52	-6.17
2014-12-28 06:00	-23.4	-19.59	-8.23	-6.69	-6.32
2014-12-29 06:00	-23.1	-19.69	-8.36	-6.82	-6.42
2014-12-30 06:00	-23.1	-19.81	-8.46	-6.92	-6.51
2014-12-31 06:00	-24.3	-20.28	-8.59	-7.05	-6.63
2015-01-01 06:00	-24.4	-20.65	-8.78	-7.25	-6.80
2015-01-02 06:00	-24.3	-20.71	-8.94	-7.41	-6.94
2015-01-03 06:00	-23.4	-20.52	-9.02	-7.49	-7.00
2015-01-04 06:00	-23.3	-20.21	-9.00	-7.46	-6.96
2015-01-05 06:00	-24.1	-20.49	-9.01	-7.49	-6.98
2015-01-06 06:00	-24.3	-20.71	-9.12	-7.60	-7.09
2015-01-07 06:00	-23.9	-20.69	-9.22	-7.71	-7.18
2015-01-08 06:00	-23.4	-20.70	-9.29	-7.78	-7.23
2015-01-09 06:00	-23.3	-20.35	-9.31	-7.80	-7.24
2015-01-10 06:00	-23.2	-20.18	-9.27	-7.76	-7.20
2015-01-11 06:00	-23.8	-20.36	-9.27	-7.77	-7.21
2015-01-12 06:00	-22.9	-20.51	-9.36	-7.87	-7.30
2015-01-13 06:00	-22.9	-20.37	-9.42	-7.93	-7.35
2015-01-14 06:00	-23.5	-20.50	-9.46	-7.97	-7.38
2015-01-15 06:00	-24.3	-20.89	-9.53	-8.06	-7.46
2015-01-16 06:00	-24.7	-21.16	-9.69	-8.22	-7.60
2015-01-17 06:00	-25.3	-21.59	-9.85	-8.39	-7.75
2015-01-18 06:00	-25.7	-21.98	-10.05	-8.59	-7.93
2015-01-19 06:00	-25.7	-22.24	-10.23	-8.78	-8.10
2015-01-20 06:00	-24.5	-21.64	-10.33	-8.88	-8.16
2015-01-21 06:00	-24.5	-21.32	-10.23	-8.78	-8.07
2015-01-22 06:00	-25.3	-21.51	-10.20	-8.75	-8.04
2015-01-23 06:00	-26	-21.95	-10.31	-8.87	-8.15
2015-01-24 06:00	-26.6	-22.28	-10.50	-9.05	-8.32
2015-01-25 06:00	-26.8	-22.52	-10.68	-9.24	-8.48
2015-01-26 06:00	-26.8	-22.47	-10.82	-9.37	-8.60
2015-01-27 06:00	-27.5	-22.61	-10.91	-9.46	-8.67
2015-01-28 06:00	-27.1	-22.92	-11.04	-9.60	-8.80
2015-01-29 06:00	-27	-23.13	-11.21	-9.77	-8.95
2015-01-30 06:00	-27.3	-23.22	-11.35	-9.90	-9.07
2015-01-31 06:00	-27.1	-23.28	-11.46	-10.01	-9.16
2015-02-01 06:00	-27.3	-23.25	-11.53	-10.09	-9.22
2015-02-02 06:00	-27.3	-23.33	-11.59	-10.15	-9.27
2015-02-03 06:00	-27.3	-23.46	-11.67	-10.23	-9.34
2015-02-04 06:00	-27.3	-23.53	-11.75	-10.32	-9.42
2015-02-05 06:00	-27.5	-23.72	-11.84	-10.41	-9.50
2015-02-06 06:00	-28	-23.93	-11.96	-10.53	-9.60
2015-02-07 06:00	-28.2	-24.19	-12.09	-10.67	-9.73
2015-02-08 06:00	-28	-24.17	-12.23	-10.80	-9.84
2015-02-09 06:00	-27.2	-23.99	-12.27	-10.84	-9.87
2015-02-10 06:00	-27.8	-24.12	-12.27	-10.84	-9.87
2015-02-11 06:00	-28.4	-24.58	-12.37	-10.95	-9.96

2015-02-12 06:00	-28.7	-24.93	-12.55	-11.13	-10.12
2015-02-13 06:00	-29.2	-25.10	-12.72	-11.29	-10.26
2015-02-14 06:00	-29.2	-25.23	-12.85	-11.42	-10.37
2015-02-15 06:00	-28.7	-25.15	-12.93	-11.49	-10.42
2015-02-16 06:00	-28.7	-25.16	-12.97	-11.53	-10.45
2015-02-17 06:00	-28.7	-24.93	-12.98	-11.54	-10.45
2015-02-18 06:00	-28.7	-25.13	-12.98	-11.55	-10.46
2015-02-19 06:00	-28.9	-25.22	-13.07	-11.64	-10.54
2015-02-20 06:00	-29.2	-25.28	-13.13	-11.71	-10.59
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2015-02-22 06:00	-29.7	-25.62	-13.33	-11.92	-10.77
2015-02-23 06:00	-29.5	-25.54	-13.41	-11.99	-10.82
2015-02-24 06:00	-29.2	-25.44	-13.44	-12.01	-10.83
2015-02-25 06:00	-28.9	-25.43	-13.44	-12.01	-10.83
2015-02-26 06:00	-27.8	-25.18	-13.44	-12.01	-10.82
2015-02-27 06:00	-28.6	-25.21	-13.40	-11.96	-10.77
2015-02-28 06:00	-28.7	-25.47	-13.45	-12.01	-10.81
2015-03-01 06:00	-28	-25.20	-13.51	-12.05	-10.84
2015-03-02 06:00	-28	-24.90	-13.46	-11.99	-10.79
2015-03-03 06:00	-28.7	-24.93	-13.40	-11.94	-10.74
2015-03-04 06:00	-29.2	-25.20	-13.44	-11.97	-10.76
2015-03-05 06:00	-29.7	-25.44	-13.56	-12.07	-10.83
2015-03-06 06:00	-29.7	-25.66	-13.69	-12.18	-10.92
2015-03-07 06:00	-29.9	-25.87	-13.84	-12.30	-11.01
2015-03-08 06:00	-29.4	-25.81	-13.95	-12.39	-11.07
2015-03-09 06:00	-29.7	-25.73	-13.99	-12.41	-11.08
2015-03-10 06:00	-29.8	-25.84	-14.02	-12.43	-11.08
2015-03-11 06:00	-29.9	-25.96	-14.09	-12.48	-11.12
2015-03-12 06:00	-29.2	-25.80	-14.15	-12.51	-11.13
2015-03-13 06:00	-29.2	-25.67	-14.13	-12.48	-11.10
2015-03-14 06:00	-29.2	-25.64	-14.12	-12.45	-11.07
2015-03-15 06:00	-28.9	-25.59	-14.11	-12.43	-11.05
2015-03-16 06:00	-28.7	-25.56	-14.12	-12.41	-11.03
2015-03-17 06:00	-27.5	-25.15	-14.09	-12.37	-10.98
2015-03-18 06:00	-26.8	-24.54	-13.93	-12.21	-10.84
2015-03-19 06:00	-26.2	-24.06	-13.72	-12.00	-10.66
2015-03-20 06:00	-26	-23.72	-13.50	-11.80	-10.48
2015-03-21 06:00	-26	-23.55	-13.33	-11.63	-10.34
2015-03-22 06:00	-25.8	-23.49	-13.22	-11.52	-10.25
2015-03-23 06:00	-25.7	-23.49	-13.17	-11.45	-10.19
2015-03-24 06:00	-25.5	-23.47	-13.15	-11.43	-10.17
2015-03-25 06:00	-25.1	-23.30	-13.13	-11.39	-10.13
2015-03-26 06:00	-25.1	-23.14	-13.07	-11.32	-10.07
2015-03-27 06:00	-24.9	-23.10	-13.03	-11.28	-10.04
2015-03-28 06:00	-24.7	-23.08	-13.00	-11.25	-10.02
2015-03-29 06:00	-24.7	-23.06	-13.00	-11.23	-10.01
2015-03-30 06:00	-24.7	-23.03	-13.00	-11.22	-10.01

2015-03-31 06:00	-24.5	-22.99	-13.00	-11.21	-10.00
2015-04-01 06:00	-24.5	-23.00	-13.00	-11.21	-10.00
2015-04-02 06:00	-24.5	-23.04	-13.03	-11.21	-10.00
2015-04-03 06:00	-24.5	-23.06	-13.06	-11.22	-10.01
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2015-04-05 06:00	-24.4	-23.06	-13.11	-11.23	-10.00
2015-04-06 06:00	-24.3	-22.99	-13.12	-11.23	-10.01
2015-04-07 06:00	-24.3	-22.90	-13.12	-11.21	-9.98
2015-04-08 06:00	-24.3	-22.92	-13.11	-11.20	-9.96
2015-04-09 06:00	-24.2	-22.94	-13.13	-11.20	-9.97
2015-04-10 06:00	-24.1	-22.94	-13.15	-11.20	-9.97
2015-04-11 06:00	-24.1	-22.91	-13.17	-11.20	-9.97
2015-04-12 06:00	-24.1	-22.87	-13.17	-11.20	-9.95
2015-04-13 06:00	-24.1	-22.86	-13.17	-11.20	-9.94
2015-04-14 06:00	-24	-22.85	-13.18	-11.21	-9.94
2015-04-15 06:00	-23.9	-22.82	-13.19	-11.22	-9.96
2015-04-16 06:00	-23.9	-22.80	-13.20	-11.21	-9.97
2015-04-17 06:00	-23.4	-22.63	-13.19	-11.18	-9.90
2015-04-18 06:00	-23.1	-22.33	-13.13	-11.11	-9.78
2015-04-19 06:00	-22.8	-22.04	-13.02	-10.99	-9.66
2015-04-20 06:00	-22.7	-21.87	-12.90	-10.87	-9.47
2015-04-21 06:00	-22.3	-21.67	-12.81	-10.76	-9.27
2015-04-22 06:00	-21.9	-21.51	-12.71	-10.66	-9.18
2015-04-23 06:00	-21.9	-21.40	-12.62	-10.57	-9.09
2015-04-24 06:00	-21.9	-21.43	-12.57	-10.51	-9.08
2015-04-25 06:00	-21.9	-21.48	-12.56	-10.47	-9.09
2015-04-26 06:00	-21.9	-21.48	-12.57	-10.43	-8.89
2015-04-27 06:00	-21.9	-21.42	-12.57	-10.38	-7.17
2015-04-28 06:00	-21.5	-21.34	-12.56	-10.30	-4.15
2015-04-29 06:00	-21.4	-21.28	-12.54	-10.14	-2.97
2015-04-30 06:00	-21.3	-21.21	-12.52	-9.93	-2.60
2015-05-01 06:00	-21.2	-21.12	-12.49	-9.86	-5.53
2015-05-02 06:00	-21.2	-21.05	-12.47	-9.82	-4.06
2015-05-03 06:00	-20.9	-20.94	-12.44	-9.72	-6.96
2015-05-04 06:00	-20.6	-20.72	-12.39	-9.52	-7.28
2015-05-05 06:00	-20.4	-20.48	-12.30	-9.17	-10.36
2015-05-06 06:00	-20.1	-20.29	-12.20	-8.80	-10.26
2015-05-07 06:00	-19.7	-19.96	-12.11	-5.47	-11.48
2015-05-08 06:00	-19.6	-19.33	-12.02	-2.86	-10.65
2015-05-09 06:00	-19.3	-18.50	-11.92	-2.09	-10.81
2015-05-10 06:00	-19	-17.52	-11.82	-3.54	-7.90
2015-05-11 06:00	-18.7	-16.75	-11.71	-9.15	-5.82
2015-05-12 06:00	-18.3	-16.28	-11.62	-7.62	-3.50
2015-05-13 06:00	-18	-15.50	-11.52	-8.74	-4.94
2015-05-14 06:00	-17.6	-15.28	-11.35	-7.99	-3.44
2015-05-15 06:00	-17.2	-14.49	-11.13	-8.03	-3.74
2015-05-16 06:00	-16.9	-13.81	-10.92	-8.21	-5.22

2015-05-17 06:00	-16.6	-13.55	-10.72	-8.47	-5.38
2015-05-18 06:00	-16.3	-13.06	-10.53	-8.21	-4.88
2015-05-19 06:00	-16	-9.23	-8.76	-4.49	-2.08
2015-05-20 06:00	-15.7	-4.84	-3.55	-2.49	-2.32
2015-05-21 06:00	-15.4	-3.35	-2.35	-1.37	-1.31
2015-05-22 06:00	-15	-3.16	-3.41	-1.44	-1.35
2015-05-23 06:00	-14.8	-3.98	-2.79	-2.22	-2.18
2015-05-24 06:00	-14.7	-4.99	-2.97	-1.01	-0.88
2015-05-25 06:00	-14.7	-6.46	-3.39	-2.01	-1.78
2015-05-26 06:00	-14.9	-7.03	-3.68	-2.21	-2.19
2015-05-27 06:00	-14.9	-6.96	-1.95	-1.07	-1.01
2015-05-28 06:00	-14.7	-7.13	-1.27	-0.81	-0.80
2015-05-29 06:00	-14.5	-7.18	-2.52	-1.08	-1.07
2015-05-30 06:00	-14.4	-6.67	-1.99	-0.19	-0.17
2015-05-31 06:00	-14	-2.89	-1.02	0.82	1.10
2015-06-01 06:00	-13.5	-2.57	-0.60	0.85	0.90
2015-06-02 06:00	-13.1	-1.96	-0.05	1.37	1.41
2015-06-03 06:00	-12.7	-1.44	0.04	1.39	1.42
2015-06-04 06:00	-12.2	-0.22	0.78	1.60	1.72
2015-06-05 06:00	-11.8	-0.36	0.15	0.52	0.63
2015-06-06 06:00	-11.5	0.57	1.54	1.99	2.03
2015-06-07 06:00	-11	0.30	1.19	1.66	1.69
2015-06-08 06:00	-10.5	0.44	1.05	1.48	1.51
2015-06-09 06:00	-9.5	2.85	3.07	3.62	3.64
2015-06-10 06:00	-7.3	4.16	4.32	4.91	4.93
2015-06-11 06:00	-1.5	2.69	2.84	3.35	3.36
2015-06-12 06:00	-1.3	2.95	3.37	3.55	3.57
2015-06-13 06:00	-1.3	3.07	3.51	3.63	3.64
2015-06-14 06:00	-0.9	2.75	3.18	3.28	3.30
2015-06-15 06:00	-0.2	3.94	4.44	4.53	4.55
2015-06-16 06:00	0.2	3.98	4.19	4.28	4.43
2015-06-17 06:00	0.4	3.56	3.71	3.89	4.02
2015-06-18 06:00	0.4	2.97	3.09	3.33	3.38
2015-06-19 06:00	0.6	2.70	2.81	3.05	3.08
2015-06-20 06:00	0.8	4.04	4.14	4.38	4.41
2015-06-21 06:00	0.7	3.00	3.09	3.38	3.40
2015-06-22 06:00	0.7	3.81	3.90	4.17	4.18
2015-06-23 06:00	0.8	3.57	3.65	3.92	3.94
2015-06-24 06:00	0.8	1.58	1.65	1.93	1.95
2015-06-25 06:00	0.8	2.45	2.54	2.71	2.72
2015-06-26 06:00	0.8	3.92	4.05	4.17	4.19
2015-06-27 06:00	1.2	3.84	4.03	4.13	4.15
2015-06-28 06:00	1.2	4.85	5.08	5.16	5.17
2015-06-29 06:00	1.3	6.20	6.50	6.57	6.58
2015-06-30 06:00	1.6	6.18	6.55	6.62	6.63