

Cebollita Spring (VC) New Mexico

:	MDT	W/m2	W/m2	W/m2	W/m2	m/s	m/s	Deg
: Date	Time	Solar	Max	Min	Std dev	Wind	Wind	Wind
:MM/DD/YYYY	hh:mm	Rad.	Solar R	Solar R	Sol.Rad	Speed	Vec Mag	Direc
10/13/2023	0:00	0	0	0	0	3.097	2.893	322.8
10/13/2023	0:10	0	0	0	0	2.797	2.502	325
10/13/2023	0:20	0	0	0	0	2.656	2.368	332.8
10/13/2023	0:30	0	0	0	0	2.408	2.161	336.3
10/13/2023	0:40	0	0	0	0	2.248	2.007	330.5
10/13/2023	0:50	0	0	0	0	1.673	1.528	326.3
10/13/2023	1:00	0	0	0	0	1.919	1.66	329.8
10/13/2023	1:10	0	0	0	0	2.438	2.275	327.8
10/13/2023	1:20	0	0	0	0	2.518	2.296	319.3
10/13/2023	1:30	0	0	0	0	2.696	2.441	318.6
10/13/2023	1:40	0	0	0	0	2.234	2.038	319.9
10/13/2023	1:50	0	0	0	0	2.026	1.859	329.4
10/13/2023	2:00	0	0	0	0	1.973	1.714	333.9
10/13/2023	2:10	0	0	0	0	1.606	1.453	339.2
10/13/2023	2:20	0	0	0	0	1.603	1.381	342
10/13/2023	2:30	0	0	0	0	1.401	1.178	337.6
10/13/2023	2:40	0	0	0	0	1.039	0.8279	0.595
10/13/2023	2:50	0	0	0	0	0.8158	0.7483	77.48
10/13/2023	3:00	0	0	0	0	0	0	0
10/13/2023	3:10	0	0	0	0	0	0	0
10/13/2023	3:20	0	0	0	0	0.6639	0.5584	4.336
10/13/2023	3:30	0	0	0	0	1.31	1.193	346.6
10/13/2023	3:40	0	0	0	0	2.196	1.931	327.7
10/13/2023	3:50	0	0	0	0	2.336	2.069	326.6
10/13/2023	4:00	0	0	0	0	1.671	1.401	359.7
10/13/2023	4:10	0	0	0	0	1.254	1.052	30.69
10/13/2023	4:20	0	0	0	0	0.8355	0.7886	79.41
10/13/2023	4:30	0	0	0	0	0.5159	0.5052	33.4
10/13/2023	4:40	0	0	0	0	0.4667	0.4511	28.79
10/13/2023	4:50	0	0	0	0	0.38	0.3518	37.83
10/13/2023	5:00	0	0	0	0	0.5794	0.5378	36.25
10/13/2023	5:10	0	0	0	0	0.3657	0.363	76.33
10/13/2023	5:20	0	0	0	0	0.1654	0.1645	71.04
10/13/2023	5:30	0	0	0	0	0.127	0.1261	76.89
10/13/2023	5:40	0	0	0	0	0.3728	0.3612	91.4
10/13/2023	5:50	0	0	0	0	0.5986	0.591	57.66
10/13/2023	6:00	0	0	0	0	0.6634	0.6442	47
10/13/2023	6:10	0	0	0	0	0.439	0.4283	75.54
10/13/2023	6:20	0	0	0	0	0.1985	0.1967	82
10/13/2023	6:30	0	0	0	0	0	0	0
10/13/2023	6:40	0	0	0	0	0	0	0
10/13/2023	6:50	0	0	0	0	0	0	0
10/13/2023	7:00	0	2	0	1	0	0	0
10/13/2023	7:10	2	3	2	1	0	0	0
10/13/2023	7:20	5	7	3	1	0.2687	0.2664	82.9

10/13/2023	7:30	8	10	7	1	0	0	0
10/13/2023	7:40	11	12	9	1	0.1046	0.1037	85.7
10/13/2023	7:50	14	15	12	1	0.1305	0.1301	77.41
10/13/2023	8:00	19	22	15	2	0.4046	0.3697	76.81
10/13/2023	8:10	23	38	19	6	0.06616	0.05767	73.59
10/13/2023	8:20	39	70	24	13	0.8574	0.8199	332.8
10/13/2023	8:30	38	51	26	8	1.422	1.366	342
10/13/2023	8:40	185	263	53	80	1.228	1.12	342.3
10/13/2023	8:50	279	295	263	10	1.324	1.183	343.5
10/13/2023	9:00	310	326	295	9	1.54	1.401	335.5
10/13/2023	9:10	342	358	327	9	1.662	1.525	333.4
10/13/2023	9:20	374	390	358	9	1.693	1.545	330.4
10/13/2023	9:30	405	420	390	9	1.413	1.293	276.9
10/13/2023	9:40	435	450	421	8	1.316	1.042	315.6
10/13/2023	9:50	462	477	449	8	1.055	0.2781	18.12
10/13/2023	10:00	490	504	475	8	1.063	0.8315	346.1
10/13/2023	10:10	515	528	504	7	0.9643	0.3514	245.6
10/13/2023	10:20	538	550	524	7	1.605	1.325	167.9
10/13/2023	10:30	562	574	550	7	1.352	0.8668	178.7
10/13/2023	10:40	569	589	463	20	1.546	1.25	272.5
10/13/2023	10:50	604	620	470	24	1.682	1.123	246.5
10/13/2023	11:00	628	636	619	5	1.578	1.346	245.2
10/13/2023	11:10	639	648	633	3	1.793	1.287	253.1
10/13/2023	11:20	655	663	645	5	2.062	1.723	267
10/13/2023	11:30	670	677	663	4	1.844	1.433	224
10/13/2023	11:40	683	691	677	4	1.594	0.5293	187.9
10/13/2023	11:50	693	697	684	2	2.117	1.575	145.8
10/13/2023	12:00	697	704	691	3	2.257	1.765	175.6
10/13/2023	12:10	709	717	701	5	2.173	1.557	155.1
10/13/2023	12:20	718	724	695	3	2.175	1.805	141.8
10/13/2023	12:30	727	732	721	3	2.005	1.416	137.1
10/13/2023	12:40	718	746	452	44	2.048	1.409	154.6
10/13/2023	12:50	729	755	476	49	2.543	1.979	153.9
10/13/2023	13:00	739	742	735	1	2.716	1.816	193.8
10/13/2023	13:10	741	747	737	2	2.488	2.028	233.3
10/13/2023	13:20	737	744	728	4	2.052	1.418	202.8
10/13/2023	13:30	674	733	464	82	1.639	0.9093	205.2
10/13/2023	13:40	716	721	711	2	2.406	2.064	241.3
10/13/2023	13:50	710	714	704	2	2.461	1.974	223.5
10/13/2023	14:00	699	707	690	3	1.954	0.7291	248.3
10/13/2023	14:10	689	694	683	3	2.216	1.783	204.2
10/13/2023	14:20	678	687	670	4	2.264	1.418	242.5
10/13/2023	14:30	665	673	660	4	2.198	1.325	243.7
10/13/2023	14:40	652	662	639	6	2.178	1.591	202.5
10/13/2023	14:50	632	643	622	5	2.757	2.244	267.8
10/13/2023	15:00	614	625	605	6	2.297	1.642	251.5
10/13/2023	15:10	595	605	586	5	2.503	2.034	265.1
10/13/2023	15:20	578	588	568	6	2.417	1.899	237.5
10/13/2023	15:30	556	568	546	6	3.187	2.829	248.1

10/13/2023	15:40	533	547	520	8	3.585	3.27	276.7
10/13/2023	15:50	508	520	495	7	2.84	2.474	285.1
10/13/2023	16:00	482	496	469	7	2.599	2.182	285.6
10/13/2023	16:10	455	469	442	8	2.476	2.216	293.4
10/13/2023	16:20	427	442	415	8	2.186	1.81	276.7
10/13/2023	16:30	397	414	381	9	2.389	2.035	262.4
10/13/2023	16:40	367	381	352	9	2.333	2.143	279.2
10/13/2023	16:50	337	350	320	9	2.513	2.123	265.3
10/13/2023	17:00	306	320	290	9	2.942	2.664	298.5
10/13/2023	17:10	275	289	259	9	2.199	1.827	274.4
10/13/2023	17:20	244	260	228	9	2.76	2.527	285.2
10/13/2023	17:30	213	228	197	9	2.744	2.511	260.7
10/13/2023	17:40	181	197	167	9	2.39	2.198	279.1
10/13/2023	17:50	150	167	136	9	2.003	1.787	271.1
10/13/2023	18:00	86	134	41	36	2.214	2.031	279.4
10/13/2023	18:10	47	88	27	17	1.865	1.689	282.3
10/13/2023	18:20	24	40	9	9	1.299	1.183	301.6
10/13/2023	18:30	5	9	3	1	1.345	1.23	316
10/13/2023	18:40	2	3	2	1	0.3742	0.3161	335.9
10/13/2023	18:50	1	2	0	1	0.6965	0.65	351.5
10/13/2023	19:00	0	0	0	0	0.5941	0.5333	14.55
10/13/2023	19:10	0	0	0	0	0.7394	0.6169	347.9
10/13/2023	19:20	0	0	0	0	0.4524	0.3353	13.18
10/13/2023	19:30	0	0	0	0	0.5955	0.5427	33.48
10/13/2023	19:40	0	0	0	0	0.3111	0.2812	24.53
10/13/2023	19:50	0	0	0	0	0.3474	0.3071	37.7
10/13/2023	20:00	0	0	0	0	0.4712	0.4421	42.33
10/13/2023	20:10	0	0	0	0	0.604	0.5677	40.03
10/13/2023	20:20	0	0	0	0	0.6348	0.5923	23.32
10/13/2023	20:30	0	0	0	0	0.9517	0.8467	15.59
10/13/2023	20:40	0	0	0	0	0.6075	0.5655	13.88
10/13/2023	20:50	0	0	0	0	1.021	0.8771	24.14
10/13/2023	21:00	0	0	0	0	0.6419	0.519	31.01
10/13/2023	21:10	0	0	0	0	0.9982	0.8941	23.52
10/13/2023	21:20	0	0	0	0	0.7984	0.6719	16.17
10/13/2023	21:30	0	0	0	0	0.2749	0.2673	76.55
10/13/2023	21:40	0	0	0	0	0.03979	0.03621	20.65
10/13/2023	21:50	0	0	0	0	0.1498	0.1131	56.07
10/13/2023	22:00	0	0	0	0	0.02906	0.02772	332.1
10/13/2023	22:10	0	0	0	0	0.3755	0.3313	68.56
10/13/2023	22:20	0	0	0	0	0.3885	0.3706	75.9
10/13/2023	22:30	0	0	0	0	0.4381	0.3938	85.6
10/13/2023	22:40	0	0	0	0	0.2691	0.2602	74.02
10/13/2023	22:50	0	0	0	0	0.637	0.6044	77.1
10/13/2023	23:00	0	0	0	0	0.2763	0.2705	76.82
10/13/2023	23:10	0	0	0	0	0.2687	0.2638	69.85
10/13/2023	23:20	0	0	0	0	0.3617	0.3518	88.6
10/13/2023	23:30	0	0	0	0	0.3022	0.2995	58.95
10/13/2023	23:40	0	0	0	0	0.4551	0.4515	79.41

10/13/2023	23:50	0	0	0	0	0.4448	0.4394	76.03
10/14/2023	0:00	0	0	0	0	0.4935	0.485	76.79
10/14/2023	0:10	0	0	0	0	0.4926	0.4797	84
10/14/2023	0:20	0	0	0	0	0.2664	0.2638	75.53
10/14/2023	0:30	0	0	0	0	0.4073	0.4046	79.05
10/14/2023	0:40	0	0	0	0	0.325	0.3228	90.9
10/14/2023	0:50	0	0	0	0	0.3393	0.3375	90.6
10/14/2023	1:00	0	0	0	0	0.6545	0.6232	84.1
10/14/2023	1:10	0	0	0	0	0.5092	0.2977	48.92
10/14/2023	1:20	0	0	0	0	0.6004	0.4578	62.02
10/14/2023	1:30	0	0	0	0	0.4573	0.3053	18.92
10/14/2023	1:40	0	0	0	0	0.435	0.4175	85.4
10/14/2023	1:50	0	0	0	0	0.7488	0.4944	67.59
10/14/2023	2:00	0	0	0	0	0.587	0.5753	83
10/14/2023	2:10	0	0	0	0	0.3335	0.312	88.2
10/14/2023	2:20	0	0	0	0	0.8579	0.5682	61.7
10/14/2023	2:30	0	0	0	0	0.5825	0.4041	23.96
10/14/2023	2:40	0	0	0	0	0.3701	0.3621	80.7
10/14/2023	2:50	0	0	0	0	0.1846	0.1833	80.6
10/14/2023	3:00	0	0	0	0	0.7412	0.7148	63.41
10/14/2023	3:10	0	0	0	0	0.1395	0.1377	78.58
10/14/2023	3:20	0	0	0	0	0.5812	0.5709	69.76
10/14/2023	3:30	0	0	0	0	0.3263	0.3223	81.2
10/14/2023	3:40	0	0	0	0	0.5052	0.3943	46
10/14/2023	3:50	0	0	0	0	0.5668	0.5566	76.76
10/14/2023	4:00	0	0	0	0	0.4296	0.4256	61.52
10/14/2023	4:10	0	0	0	0	0.6715	0.6643	68.72
10/14/2023	4:20	0	0	0	0	0.1533	0.1524	73.8
10/14/2023	4:30	0	0	0	0	0.7077	0.7054	74.63
10/14/2023	4:40	0	0	0	0	0.384	0.3831	62.34
10/14/2023	4:50	0	0	0	0	0.5896	0.5865	78.13
10/14/2023	5:00	0	0	0	0	0.3389	0.3304	62.18
10/14/2023	5:10	0	0	0	0	0.4913	0.4859	73.35
10/14/2023	5:20	0	0	0	0	0.5235	0.5119	67.67
10/14/2023	5:30	0	0	0	0	0.5235	0.5132	73.33
10/14/2023	5:40	0	0	0	0	0.6379	0.6348	69.37
10/14/2023	5:50	0	0	0	0	0.76	0.7559	70.51
10/14/2023	6:00	0	0	0	0	0.4184	0.4157	70.49
10/14/2023	6:10	0	0	0	0	0.7729	0.7685	71.08
10/14/2023	6:20	0	0	0	0	0.4242	0.4166	71.41
10/14/2023	6:30	0	0	0	0	0.7108	0.7036	72.73
10/14/2023	6:40	0	0	0	0	0.5874	0.5226	72.89
10/14/2023	6:50	0	0	0	0	0.4041	0.3974	66.35
10/14/2023	7:00	0	2	0	0	0.363	0.3612	72.82
10/14/2023	7:10	2	2	0	0	0.5896	0.5874	75.03
10/14/2023	7:20	3	5	2	1	0.7627	0.7586	68.37
10/14/2023	7:30	7	10	5	2	0.4922	0.4886	73.81
10/14/2023	7:40	13	15	10	1	0.4233	0.4207	68.68
10/14/2023	7:50	17	19	15	1	0.464	0.4345	79.35

10/14/2023	8:00	25	48	19	9	0.19	0.1676	71.01
10/14/2023	8:10	29	43	22	6	0.07153	0.06527	72.79
10/14/2023	8:20	39	58	27	10	0.01162	0.01162	334.7
10/14/2023	8:30	41	58	31	8	0	0	0
10/14/2023	8:40	192	251	48	65	0.02816	0.02593	147.1
10/14/2023	8:50	268	283	252	10	0.1144	0.1144	236.3
10/14/2023	9:00	299	314	283	9	0	0	0
10/14/2023	9:10	330	346	315	9	0.6044	0.5785	140
10/14/2023	9:20	359	368	346	7	1.078	0.9871	147.2
10/14/2023	9:30	368	371	366	1	1.451	1.32	156.6
10/14/2023	9:40	357	366	344	6	1.168	0.8673	193.3
10/14/2023	9:50	328	346	308	11	1.44	0.9652	240.7
10/14/2023	10:00	285	310	260	14	1.439	1.212	252.1
10/14/2023	10:10	230	259	197	18	1.498	1.252	240.4
10/14/2023	10:20	165	197	131	19	1.402	1.197	233.5
10/14/2023	10:30	96	129	63	20	1.12	1.041	248.4
10/14/2023	10:40	46	63	41	6	1.372	1.306	261.4
10/14/2023	10:50	85	124	51	22	0.6795	0.663	246.8
10/14/2023	11:00	167	211	126	25	0.5798	0.536	271.7
10/14/2023	11:10	256	303	211	26	0.8485	0.8011	285.1
10/14/2023	11:20	348	395	303	26	1.642	1.434	276.1
10/14/2023	11:30	438	481	395	25	1.393	1.267	261.1
10/14/2023	11:40	522	562	483	23	2.548	2.146	284.5
10/14/2023	11:50	596	626	562	18	2.317	2.003	294
10/14/2023	12:00	652	676	626	14	2.145	1.654	304.8
10/14/2023	12:10	692	704	674	9	2.849	2.112	281.9
10/14/2023	12:20	706	711	701	3	2.976	2.617	300.2
10/14/2023	12:30	710	717	707	2	2.167	1.811	257.6
10/14/2023	12:40	715	718	711	2	2.606	1.936	278.6
10/14/2023	12:50	716	719	714	1	2.378	1.963	268.4
10/14/2023	13:00	718	722	715	1	2.927	2.445	284.2
10/14/2023	13:10	719	722	714	1	3.242	2.791	306.5
10/14/2023	13:20	716	721	713	2	2.794	2.246	303.6
10/14/2023	13:30	664	717	460	81	2.773	2.342	271.4
10/14/2023	13:40	708	714	700	2	2.731	2.301	277.6
10/14/2023	13:50	699	705	693	3	3.055	2.635	290.7
10/14/2023	14:00	690	697	683	3	2.568	2.171	282.9
10/14/2023	14:10	681	687	673	3	3.476	3.031	283.2
10/14/2023	14:20	667	674	659	4	2.936	2.431	284.7
10/14/2023	14:30	653	660	644	4	3.197	2.877	276.2
10/14/2023	14:40	641	648	628	5	3.371	2.93	284.5
10/14/2023	14:50	624	632	612	5	2.765	2.355	257.5
10/14/2023	15:00	604	614	595	5	2.769	2.199	251.6
10/14/2023	15:10	584	595	572	6	2.828	2.5	260.2
10/14/2023	15:20	566	574	554	5	2.512	2.074	298.5
10/14/2023	15:30	545	556	534	7	3.393	3.057	257.2
10/14/2023	15:40	522	537	510	8	3.478	3.107	262.9
10/14/2023	15:50	496	510	483	7	2.804	2.467	277
10/14/2023	16:00	470	484	455	8	2.764	2.376	261.3

10/14/2023	16:10	444	458	428	8	3.439	3.134	266.6
10/14/2023	16:20	415	428	401	8	3.069	2.581	268.6
10/14/2023	16:30	384	401	367	9	3.401	3.124	269.7
10/14/2023	16:40	354	367	340	9	2.858	2.431	277.8
10/14/2023	16:50	323	340	309	9	2.852	2.535	285.2
10/14/2023	17:00	293	308	279	9	2.82	2.559	271.4
10/14/2023	17:10	262	279	248	8	3.005	2.587	277.9
10/14/2023	17:20	231	248	214	9	2.797	2.507	264
10/14/2023	17:30	199	214	184	9	2.631	2.387	258.3
10/14/2023	17:40	169	184	153	9	2.515	2.3	275.9
10/14/2023	17:50	139	153	122	9	2.371	2.115	262.9
10/14/2023	18:00	84	122	54	26	2.541	2.362	275.9
10/14/2023	18:10	52	88	31	18	2.127	1.965	274.3
10/14/2023	18:20	29	41	20	5	1.735	1.629	268.5
10/14/2023	18:30	11	24	5	5	1.366	1.249	289.6
10/14/2023	18:40	4	5	2	1	1.205	1.132	304.1
10/14/2023	18:50	2	2	0	0	0.7305	0.7014	307.7
10/14/2023	19:00	0	1	0	0	0.2016	0.1869	339.7
10/14/2023	19:10	0	0	0	0	0.2928	0.253	349.3
10/14/2023	19:20	0	0	0	0	0.7765	0.7086	324.2
10/14/2023	19:30	0	0	0	0	0.7461	0.7005	342.4
10/14/2023	19:40	0	0	0	0	0.9312	0.8936	334.7
10/14/2023	19:50	0	0	0	0	0.8869	0.8458	336.5
10/14/2023	20:00	0	0	0	0	0.7573	0.7215	341.6
10/14/2023	20:10	0	0	0	0	0.8771	0.8091	355.5
10/14/2023	20:20	0	0	0	0	0.9352	0.8418	345
10/14/2023	20:30	0	0	0	0	0.747	0.705	342.9
10/14/2023	20:40	0	0	0	0	0.2946	0.266	6.907
10/14/2023	20:50	0	0	0	0	0.2767	0.2262	2.758
10/14/2023	21:00	0	0	0	0	0.7215	0.6697	10.67
10/14/2023	21:10	0	0	0	0	0.7966	0.6934	8.51
10/14/2023	21:20	0	0	0	0	0.4314	0.3491	5.718
10/14/2023	21:30	0	0	0	0	0.3643	0.3067	37.69
10/14/2023	21:40	0	0	0	0	0.2727	0.2615	49.47
10/14/2023	21:50	0	0	0	0	0.4824	0.4363	31.69
10/14/2023	22:00	0	0	0	0	0.8816	0.7805	8.82
10/14/2023	22:10	0	0	0	0	0.8141	0.7372	359.8
10/14/2023	22:20	0	0	0	0	1.266	1.161	359.5
10/14/2023	22:30	0	0	0	0	1.221	1.1	358.3
10/14/2023	22:40	0	0	0	0	0.8503	0.7211	349.8
10/14/2023	22:50	0	0	0	0	0.8999	0.8132	346.7
10/14/2023	23:00	0	0	0	0	0.5047	0.4618	11.65
10/14/2023	23:10	0	0	0	0	0.5275	0.4703	28.07
10/14/2023	23:20	0	0	0	0	0.4917	0.4377	19.2
10/14/2023	23:30	0	0	0	0	0.1247	0.09969	43.01
10/14/2023	23:40	0	0	0	0	0	0	0
10/14/2023	23:50	0	0	0	0	0.1229	0.1185	83.2
10/15/2023	0:00	0	0	0	0	0	0	0
10/15/2023	0:10	0	0	0	0	0.05275	0.05186	114.7

10/15/2023	0:20	0	0	0	0	0	0	0
10/15/2023	0:30	0	0	0	0	0	0	0
10/15/2023	0:40	0	0	0	0	0	0	0
10/15/2023	0:50	0	0	0	0	0	0	0
10/15/2023	1:00	0	0	0	0	0.08181	0.08181	53.38
10/15/2023	1:10	0	0	0	0	0.4309	0.4157	50.76
10/15/2023	1:20	0	0	0	0	0.04202	0.04157	72.92
10/15/2023	1:30	0	0	0	0	0.01609	0.0152	52.62
10/15/2023	1:40	0	0	0	0	0	0	0
10/15/2023	1:50	0	0	0	0	0.1994	0.1757	39.81
10/15/2023	2:00	0	0	0	0	0.3406	0.3165	14.68
10/15/2023	2:10	0	0	0	0	0.7314	0.6612	10.17
10/15/2023	2:20	0	0	0	0	0.9678	0.8829	5.281
10/15/2023	2:30	0	0	0	0	1.152	1.075	338.4
10/15/2023	2:40	0	0	0	0	1.348	1.258	339.5
10/15/2023	2:50	0	0	0	0	1.308	1.191	340.9
10/15/2023	3:00	0	0	0	0	1.237	1.141	338.2
10/15/2023	3:10	0	0	0	0	1.202	1.142	338.3
10/15/2023	3:20	0	0	0	0	1.016	0.9634	339.7
10/15/2023	3:30	0	0	0	0	1.11	1.053	331
10/15/2023	3:40	0	0	0	0	1.334	1.271	333.9
10/15/2023	3:50	0	0	0	0	1.614	1.502	339.4
10/15/2023	4:00	0	0	0	0	1.541	1.439	335.6
10/15/2023	4:10	0	0	0	0	1.827	1.694	337.6
10/15/2023	4:20	0	0	0	0	2.032	1.893	337.6
10/15/2023	4:30	0	0	0	0	2.076	1.919	334.6
10/15/2023	4:40	0	0	0	0	2.018	1.905	338.4
10/15/2023	4:50	0	0	0	0	1.997	1.855	335.1
10/15/2023	5:00	0	0	0	0	1.92	1.777	338.1
10/15/2023	5:10	0	0	0	0	2.006	1.846	337.7
10/15/2023	5:20	0	0	0	0	2.25	2.078	337.2
10/15/2023	5:30	0	0	0	0	2.19	2.081	334.6
10/15/2023	5:40	0	0	0	0	2.083	1.921	336.7
10/15/2023	5:50	0	0	0	0	2.008	1.846	331.1
10/15/2023	6:00	0	0	0	0	2.064	1.967	333.5
10/15/2023	6:10	0	0	0	0	2.182	2.06	336
10/15/2023	6:20	0	0	0	0	2.294	2.117	334.4
10/15/2023	6:30	0	0	0	0	2.264	2.114	335.4
10/15/2023	6:40	0	0	0	0	2.373	2.217	336.2
10/15/2023	6:50	0	0	0	0	2.169	1.992	337.1
10/15/2023	7:00	0	2	0	0	2.105	1.967	333.7
10/15/2023	7:10	2	3	1	0	2.089	1.961	335.6
10/15/2023	7:20	4	5	2	1	2.181	1.989	335.4
10/15/2023	7:30	7	9	5	1	2.396	2.2	337.4
10/15/2023	7:40	10	12	9	1	2.465	2.269	338
10/15/2023	7:50	13	15	12	1	2.665	2.462	333
10/15/2023	8:00	20	32	15	6	2.605	2.41	324
10/15/2023	8:10	22	34	19	5	2.763	2.483	330.3
10/15/2023	8:20	37	82	20	20	2.966	2.731	336.8

10/15/2023	8:30	47	89	24	20	2.625	2.419	333.6
10/15/2023	8:40	186	254	41	77	2.457	2.277	331.2
10/15/2023	8:50	271	286	255	10	1.804	1.65	329.3
10/15/2023	9:00	300	317	286	9	1.545	1.368	312.5
10/15/2023	9:10	332	347	317	9	1.459	1.267	300
10/15/2023	9:20	363	379	347	9	1.603	1.232	334.5
10/15/2023	9:30	394	409	380	9	1.454	1.082	320
10/15/2023	9:40	424	436	409	8	1.605	1.167	301.3
10/15/2023	9:50	451	466	436	8	1.507	1.145	289.5
10/15/2023	10:00	477	490	463	8	1.922	1.567	278.8
10/15/2023	10:10	503	514	490	7	1.891	1.549	270.3
10/15/2023	10:20	525	536	514	6	1.848	1.609	283.1
10/15/2023	10:30	547	558	535	6	2.3	2.119	259
10/15/2023	10:40	569	579	558	6	1.811	1.466	276.1
10/15/2023	10:50	589	599	578	6	1.503	0.9745	306.8
10/15/2023	11:00	608	619	598	5	2.039	1.713	266
10/15/2023	11:10	625	633	617	4	2.251	1.676	269.1
10/15/2023	11:20	642	651	633	5	2.339	1.933	268.1
10/15/2023	11:30	657	665	649	4	2.345	1.907	302.4
10/15/2023	11:40	670	677	663	4	1.629	0.6017	255.9
10/15/2023	11:50	679	683	674	2	1.445	0.5235	7.775
10/15/2023	12:00	683	690	676	3	2.49	2.064	116.1
10/15/2023	12:10	694	700	686	4	2.319	1.94	131.7
10/15/2023	12:20	702	707	697	2	2.197	1.688	170.3
10/15/2023	12:30	707	711	704	2	1.819	1.338	167.2
10/15/2023	12:40	711	714	707	1	2.172	1.574	189
10/15/2023	12:50	712	714	710	1	2.643	2.037	141.7
10/15/2023	13:00	714	717	710	1	1.848	1.394	187.2
10/15/2023	13:10	714	717	710	1	2.115	1.676	154.7
10/15/2023	13:20	711	715	707	2	2.187	1.785	134.7
10/15/2023	13:30	658	710	456	77	2.372	1.689	166.7
10/15/2023	13:40	700	704	697	2	1.935	1.432	182
10/15/2023	13:50	694	700	687	3	2.329	1.71	191.1
10/15/2023	14:00	683	690	680	3	2.465	1.647	196.9
10/15/2023	14:10	674	681	666	3	2.232	1.797	197
10/15/2023	14:20	662	669	656	4	3.063	2.585	235.8
10/15/2023	14:30	649	656	642	4	2.659	2.161	257.2
10/15/2023	14:40	636	643	626	4	2.233	1.841	312.7
10/15/2023	14:50	617	628	605	6	2.573	1.549	309.3
10/15/2023	15:00	597	608	588	6	2.878	2.528	287.3
10/15/2023	15:10	577	588	567	6	2.239	1.907	287.9
10/15/2023	15:20	559	568	550	6	2.33	1.991	257.2
10/15/2023	15:30	538	550	527	6	2.561	1.963	263.5
10/15/2023	15:40	514	527	499	8	2.714	2.407	287.7
10/15/2023	15:50	488	500	476	7	1.677	1.27	287
10/15/2023	16:00	462	476	449	8	3.005	2.651	301.2
10/15/2023	16:10	435	449	421	8	2.828	2.419	264.2
10/15/2023	16:20	407	421	391	8	2.043	1.747	257.3
10/15/2023	16:30	378	392	364	9	2.554	2.098	244.8

10/15/2023	16:40	348	364	333	9	2.199	1.821	291.4
10/15/2023	16:50	318	333	302	9	2.38	2.03	288.9
10/15/2023	17:00	288	302	272	9	2.598	2.269	280.5
10/15/2023	17:10	258	272	242	9	2.317	2.116	273.1
10/15/2023	17:20	227	241	211	9	2.582	2.374	274.8
10/15/2023	17:30	196	211	181	9	1.975	1.812	277.6
10/15/2023	17:40	165	180	150	9	2.32	2.15	274
10/15/2023	17:50	136	150	121	9	2.245	2.047	263.9
10/15/2023	18:00	90	120	65	21	2.191	1.962	272.4
10/15/2023	18:10	51	78	20	20	2.293	2.13	277
10/15/2023	18:20	23	34	15	6	1.581	1.452	281.2
10/15/2023	18:30	7	15	5	3	1.654	1.538	287.4
10/15/2023	18:40	3	5	2	1	1.294	1.214	293.9
10/15/2023	18:50	1	2	0	1	1.374	1.313	297.7
10/15/2023	19:00	0	2	0	0	1.201	1.137	303.8
10/15/2023	19:10	0	0	0	0	1.312	1.257	311
10/15/2023	19:20	0	0	0	0	0.9209	0.8695	317.1
10/15/2023	19:30	0	0	0	0	0.2825	0.215	327.4
10/15/2023	19:40	0	0	0	0	0.08717	0.07913	290.1
10/15/2023	19:50	0	0	0	0	0.5534	0.5195	327.2
10/15/2023	20:00	0	0	0	0	0.8212	0.7778	328.7
10/15/2023	20:10	0	0	0	0	0	0	0
10/15/2023	20:20	0	0	0	0	0.8695	0.7734	336.2
10/15/2023	20:30	0	0	0	0	0.3661	0.3192	331.5
10/15/2023	20:40	0	0	0	0	0.4609	0.4247	49.97
10/15/2023	20:50	0	0	0	0	0.9066	0.8659	334.8
10/15/2023	21:00	0	0	0	0	0.7421	0.5914	349.6
10/15/2023	21:10	0	0	0	0	0.5011	0.3827	51.25
10/15/2023	21:20	0	0	0	0	0.2834	0.2812	92.1
10/15/2023	21:30	0	0	0	0	0	0	0
10/15/2023	21:40	0	0	0	0	0.101	0.08181	43.12
10/15/2023	21:50	0	0	0	0	0.7166	0.5454	358.7
10/15/2023	22:00	0	0	0	0	0.8945	0.7747	327.8
10/15/2023	22:10	0	0	0	0	1.238	1.212	321.8
10/15/2023	22:20	0	0	0	0	1.71	1.684	329.4
10/15/2023	22:30	0	0	0	0	1.224	1.171	336.4
10/15/2023	22:40	0	0	0	0	0.6017	0.5785	339.9
10/15/2023	22:50	0	0	0	0	0.05633	0.05364	42.48
10/15/2023	23:00	0	0	0	0	0	0	0
10/15/2023	23:10	0	0	0	0	0	0	0
10/15/2023	23:20	0	0	0	0	0	0	0
10/15/2023	23:30	0	0	0	0	0	0	0
10/15/2023	23:40	0	0	0	0	0	0	0
10/15/2023	23:50	0	0	0	0	0	0	0
10/16/2023	0:00	0	0	0	0	0	0	0

Deg	m/s	m/s	Deg	Deg C	Deg C	Deg C	%	%	%
Std Dev	Mx Gust	Min	Std Dev	Mx Air	Mn Air	Av Air	Mx Rel	Mn Rel	Rel
Wnd Dir	Speed	Wnd Spd	Wnd Spd	Temp	Temp	Temp	Humidity	Humidity	Humidity
20.82	6.674	1.08	2.73	1.254	-0.04099	0.703	40.74	39.82	40.18
26.28	5.874	1.347	2.006	1.22	-0.1429	0.504	41.42	40.3	40.84
26.7	5.874	0.8141	2.165	1.117	-0.2449	0.406	42.14	41.12	41.57
25.94	5.074	0.8141	2.223	1.151	-0.2449	0.449	42.34	41.42	41.96
26.53	4.81	0.8141	1.905	0.981	-0.3819	0.298	43.16	42.28	42.67
23.87	3.211	0.8141	1.036	0.879	-0.8929	0.091	45.1	42.68	43.52
29.77	4.542	0.8141	1.396	0.266	-0.8929	-0.3239	46.02	45.07	45.41
20.97	4.542	1.347	1.563	0.368	-1.028	-0.2989	46.19	45.17	45.65
24.06	4.274	1.08	1.579	0.504	-0.9949	-0.2279	46.09	45.31	45.65
24.92	5.074	0.8141	1.944	0.777	-0.6879	0.046	46.47	44.97	45.79
23.99	5.074	1.08	1.775	1.118	-0.07499	0.454	45.1	44.49	44.76
23.26	4.274	1.08	1.375	0.981	-0.5179	0.202	46.09	44.69	45.28
29.39	4.01	0.5481	1.524	0.709	-0.9949	-0.3069	47.52	46.02	46.94
24.99	3.211	0.5481	1.369	-0.04099	-1.538	-0.8119	50.15	47.35	48.61
30.16	3.344	0.8141	1.182	-0.4489	-2.214	-1.408	51.48	50.08	50.83
32.33	2.945	0.5481	1.195	-0.8519	-2.314	-1.691	52.61	51.24	51.75
36.1	2.412	0	0.92	-1.358	-2.687	-1.991	53.67	52.47	53.04
22.39	1.613	0	0.778	-1.392	-2.892	-2.291	55.41	53.26	54.2
0	0	0	0	-2.278	-4.119	-3.169	59.26	55.23	57.31
0	0	0	0	-3.267	-4.798	-4.085	63.55	59.15	61.65
28.45	2.146	0	1.033	-3.605	-5.036	-4.229	64	62.94	63.49
24.18	2.945	0.5481	1.265	-3.4	-4.934	-4.215	64.75	62.12	63.25
28.12	5.606	1.08	1.782	-2.821	-4.831	-3.934	64.54	61.51	63.12
27.38	4.542	1.08	1.88	-0.7419	-3.741	-1.715	61.71	53.33	56.2
32.55	3.477	0.8141	1.221	-0.1289	-1.626	-0.8709	53.37	50.95	51.98
32.46	2.678	0.8141	0.877	-0.4009	-2.343	-1.55	54.56	52.82	53.79
18.88	1.347	0	0.529	-1.355	-3.229	-2.262	58.31	54.42	56.01
10.23	1.08	0	0.73	-2.514	-4.762	-3.582	63.66	58.31	61.1
12.45	1.08	0	0.752	-3.808	-5.41	-4.617	67.24	63.62	65.59
16.63	1.08	0	0.794	-4.523	-5.716	-5.06	68.77	67.24	67.92
19.63	1.347	0	0.729	-4.521	-5.646	-5.044	68.74	67.86	68.24
5.062	0.8141	0	0.775	-4.517	-5.913	-5.149	69.81	68.2	68.82
3.436	0.8141	0	0.6	-4.922	-6.149	-5.432	70.73	69.5	70.21
3.375	0.8141	0	0.52	-5.092	-6.524	-5.677	71.93	70.56	71.32
11.11	0.8141	0	0.706	-5.024	-6.421	-5.875	73.43	71.96	72.37
8.41	1.08	0	0.6	-5.331	-6.49	-5.853	74.21	73.53	73.89
13.62	1.08	0	0.443	-5.16	-6.592	-5.863	74.72	74.01	74.41
10	1.08	0	0.779	-5.296	-6.83	-6.089	75.17	74.18	74.67
4.3	0.8141	0	0.591	-5.637	-6.899	-6.244	76.26	74.86	75.44
0	0	0	0	-5.637	-6.933	-6.346	76.63	76.15	76.4
0	0	0	0	-5.842	-7.24	-6.457	77.65	76.63	77.22
0	0	0	0	-5.875	-7.205	-6.534	78.31	77.21	77.72
0	0	0	0	-5.941	-7.337	-6.656	78.76	77.83	78.24
0	0	0	0	-6.075	-7.541	-6.763	79.71	78.62	79.03
4.737	1.08	0	0.715	-5.973	-7.575	-6.846	79.65	78.79	79.23

0	0	0	0	-6.211	-7.507	-6.849	80.3	79.54	79.89
3.277	0.8141	0	0.544	-6.211	-7.541	-6.888	80	79.34	79.65
2.409	0.8141	0	0.538	-6.075	-7.404	-6.804	80.6	79.82	80.1
19.26	1.08	0	0.691	-5.597	-7.302	-6.413	80.2	78.18	79.34
9.74	0.8141	0	0.428	-4.915	-6.484	-5.729	78.45	77.22	78.08
16.78	1.347	0	0.562	-4.472	-5.938	-5.298	77.36	76.65	77.02
16.17	2.146	0.8141	0.626	-2.733	-5.7	-4.233	76.95	71.12	75.12
23.95	1.879	0.5481	0.709	-0.8929	-3.483	-2.237	71.02	61.17	66.49
26.37	2.412	0.5481	0.802	1.114	-1.506	-0.2829	62.19	49.36	57.18
24.38	2.412	0.8141	0.834	3.498	0.466	1.991	49.94	40.57	44.73
23.28	3.742	1.08	1.125	4.384	2.577	3.42	40.91	37.29	38.92
23.93	2.945	0.5481	1.128	5.362	3.564	4.35	37.6	34.22	35.7
23.56	2.412	0.5481	0.877	5.767	4.134	5.025	37.15	31.86	33.71
36.95	2.412	0.5481	0.983	5.826	4.633	5.172	34.55	29.57	31.6
69.32	1.879	0	0.822	6.229	4.662	5.437	33.05	29.71	30.45
37.01	2.146	0	1.006	6.703	5.237	5.815	31	28.75	29.67
56.61	3.211	0	1.775	7.883	5.299	6.619	29.63	26.39	28.42
33.78	2.678	0.8141	0.843	8.29	6.655	7.39	28.47	24.96	26.25
48.52	2.412	0.5481	1.009	8.86	7.369	8.1	25.68	23.73	24.56
35.4	2.945	0.5481	1.151	8.85	7.018	8.12	26.59	23.15	24.78
46.71	2.678	0.8141	1.028	8.85	7.485	8.14	25.36	23.62	24.12
31.1	2.945	0.5481	1.256	9.14	7.411	8.17	25.53	23.52	24.24
42.89	3.742	0	1.559	9.54	7.884	8.67	24.5	22.73	23.37
32.81	4.01	0.5481	1.561	10.08	8.49	9.26	24.77	20.96	22.57
38.2	4.542	0.5481	1.744	10.42	8.55	9.46	23.27	20.07	21.16
66.2	4.01	0.5481	1.676	10.28	8.27	9.33	23.91	20.75	22.13
40.99	4.81	1.08	1.816	10.82	9.12	9.86	24.87	21.77	22.99
37.82	5.342	1.347	1.644	10.58	9.08	9.83	24.8	22.52	23.31
43.14	4.542	0.8141	1.714	10.78	9.18	9.95	24.76	22.75	23.52
33.22	4.408	0	2.174	10.94	8.87	9.93	25.13	22.34	23.7
43.79	4.94	0	2.387	11.11	9.07	10.32	25.44	22.58	23.84
45.26	4.01	0.8141	1.539	10.81	9.35	10.1	25.37	22.85	23.9
38.12	4.81	0.8141	2.236	10.81	9.41	10.09	24.96	23.19	23.85
46.63	4.81	1.08	1.983	11.21	9.44	10.46	25.44	21.35	23.08
34.82	6.138	1.08	1.941	11.79	10.49	11.15	22.95	20.91	21.78
45.02	4.274	0.8141	1.779	11.78	10.12	11.04	22.13	20.74	21.39
54.05	5.874	0.5481	1.928	12.29	10.59	11.33	22.74	20.36	21.63
30.5	4.676	0.5481	2.459	12.12	10.55	11.36	21.93	19.28	20.53
36.03	5.342	0.5481	2.858	12.25	10.25	11.32	21.42	19.38	20.31
64.12	3.742	0.5481	1.58	11.98	10.35	11.17	22.1	19.68	20.92
35.81	4.01	0.8141	1.663	12.35	10.82	11.66	22.06	19.51	20.65
49.5	5.606	0.5481	2.301	13	11.33	12.03	20.84	18.9	19.61
51.07	5.342	0.8141	2.113	12.66	10.72	12	20.19	18.66	19.4
42.04	4.81	0.8141	1.676	12.29	10.96	11.56	20.74	19.21	19.78
34.94	5.074	1.347	2.048	12.32	11.03	11.71	20.16	18.46	19.31
43.23	5.342	0.5481	2.03	13.37	11.4	12.24	20.23	17.17	18.53
35.07	5.342	0.8141	2.389	12.62	10.99	11.88	19.55	17.44	18.33
37.5	6.138	0.8141	2.526	12.82	11.12	11.91	19.65	17.64	18.81
27.17	5.874	1.347	2.523	12.79	11.19	11.92	19.88	17.51	18.34

24.08	7.738	0.8141	3.321	12.72	10.68	11.68	18.97	15.7	17.55
29.08	5.342	0.8141	2.356	12.52	10.82	11.52	18.15	16.25	17.22
32.44	5.342	0.8141	2.179	12.25	10.82	11.5	17.78	15.06	16.7
26.22	5.342	1.08	2.006	12.22	10.86	11.51	17.95	15.4	16.69
33.61	4.274	0.8141	1.889	12.25	10.59	11.41	18.22	14.11	15.99
31.21	5.074	0.8141	2.266	12.46	10.59	11.61	18.12	12.99	15.48
23.13	5.342	0.8141	1.842	11.74	10.48	11.12	19.11	17.58	18.26
31.9	5.074	1.08	1.901	11.74	10.28	11.04	19.07	18.09	18.58
24.89	4.81	1.08	1.848	11.57	9.91	10.76	19.07	16.86	18.18
33.31	4.542	0.8141	1.811	10.96	9.43	10.34	19.34	18.09	18.66
23.54	4.81	1.08	1.653	11	9.64	10.32	19.99	18.94	19.45
23.59	4.81	1.08	1.94	10.8	9.27	10.09	19.38	18.46	18.88
22.99	4.81	1.08	1.644	10.43	9.11	9.85	20.3	18.6	19.31
26.62	4.81	1.08	1.277	10.19	8.73	9.45	20.78	19.04	19.93
23.29	4.01	0.8141	1.487	9.69	8.19	8.97	21.02	19.89	20.47
24.83	3.742	0.8141	1.426	9.21	7.889	8.48	20.88	19.83	20.27
24.19	2.945	0.5481	1.031	8.84	7.011	7.877	21.91	20.65	21.3
23.55	4.542	0	1.52	7.999	6.129	7.224	23.2	20.65	21.69
24.3	1.08	0	0.753	6.98	4.634	5.805	25.48	23.06	24.41
20.33	1.347	0	0.554	5.45	3.517	4.432	27.76	25.38	26.47
23.14	1.347	0	0.783	4.402	2.06	3.322	30.63	27.7	29.03
32.24	1.347	0	0.662	3.183	1.449	2.274	32.81	30.49	31.75
32.46	1.347	0	0.877	2.505	0.671	1.593	35.06	32.47	33.6
22.3	1.08	0	0.652	1.761	-0.07299	0.859	38.06	34.99	36.53
17.57	1.08	0	0.743	0.951	-0.4099	0.248	39.83	37.82	38.79
21.63	0.8141	0	0.626	0.544	-0.9879	-0.09499	41.05	39.56	40.22
17.25	1.08	0	0.685	0.238	-1.055	-0.4509	42.79	40.37	41.79
19.21	1.08	0	0.446	-0.06599	-1.288	-0.5699	42.9	42.38	42.62
19.73	1.347	0	0.654	0.148	-1.184	-0.4959	43.31	42.63	42.93
26.9	2.146	0.5481	0.684	0.319	-0.9759	-0.3309	43.79	41.51	42.61
19.77	1.347	0	0.676	0.728	-0.6679	-0.07799	42.5	40.97	41.78
29.67	2.146	0	0.998	0.865	-0.5649	0.095	42.74	40.35	41.44
32.46	1.613	0	0.828	0.729	-1.279	-0.1709	43.66	40.56	42.09
26.02	1.879	0	0.759	0.014	-1.279	-0.6269	44.82	43.15	43.95
31.22	1.613	0	0.681	0.116	-1.722	-0.8319	44.78	42.77	43.87
9.05	1.08	0	0.723	-0.3259	-1.617	-0.9059	45.02	42.57	43.67
6.575	0.5481	0	0.315	-0.2199	-1.918	-1.125	45.54	42.54	44.08
20.59	0.8141	0	0.568	-0.4549	-2.154	-1.516	45.37	42.21	43.94
3.279	0.5481	0	0.274	-1.029	-2.323	-1.729	46.98	43.4	45.42
21.24	1.08	0	0.758	-1.164	-2.357	-1.759	46.67	41.15	43.74
13.69	0.8141	0	0.722	-0.9949	-2.425	-1.723	45.14	42.41	43.96
20.27	1.08	0	0.841	-1.164	-2.799	-1.982	45.72	42.99	44.39
9.78	0.8141	0	0.69	-1.505	-2.765	-2.241	46.47	42.92	44.62
16.78	1.08	0	0.758	-1.777	-3.072	-2.507	46.02	43.77	45.05
7.236	1.08	0	0.836	-1.709	-3.174	-2.555	46.4	43.6	45.08
6.739	1.347	0	0.82	-1.948	-3.446	-2.683	46.91	42.82	45.14
9.53	1.08	0	0.832	-2.152	-3.65	-2.888	46.7	43.71	44.97
5.323	1.08	0	0.773	-2.389	-3.784	-3.148	48.04	45	46.92
5.929	1.08	0	0.852	-2.556	-3.987	-3.313	47.83	44.87	46.19

6.768	1.08	0	0.82	-2.859	-4.189	-3.479	47.23	44.77	46.18
8.62	1.08	0	0.862	-2.689	-4.256	-3.536	47.94	44.87	46.27
11.91	1.08	0	0.579	-2.892	-4.187	-3.484	48.97	45.93	47.12
4.977	1.08	0	0.856	-2.96	-4.392	-3.526	48.28	45.49	46.81
5.14	1.08	0	0.862	-3.165	-4.392	-3.636	48.73	45.39	47.43
4.736	1.08	0	0.834	-3.026	-4.423	-3.694	48.69	45.56	47.57
4.459	0.8141	0	0.757	-3.059	-4.525	-3.782	49.45	47.2	48.35
16.46	1.347	0	0.751	-3.332	-4.559	-3.973	49.41	46.45	48.13
44.34	1.08	0	0.789	-3.366	-4.695	-4.005	49.11	46.58	47.84
36.57	1.347	0	0.699	-3.298	-4.831	-4.001	50.09	47.16	48.59
40.53	1.08	0	0.655	-3.536	-4.593	-4.067	49.96	47.4	48.71
13.02	1.08	0	0.785	-3.536	-4.695	-4.089	49.89	47.3	48.2
45.69	1.613	0	0.727	-3.4	-4.797	-4.092	49.48	47.2	48.14
9.94	1.08	0	0.812	-3.23	-4.865	-4.111	49.68	46.75	48.16
13.85	1.08	0	0.857	-3.4	-4.899	-4.133	50.33	47.88	48.99
46.2	1.879	0	0.679	-3.673	-4.831	-4.199	51.59	48.76	49.78
41.02	1.347	0	0.706	-3.673	-5.002	-4.295	50.78	48.97	50.07
8.02	1.08	0	0.986	-3.673	-5.273	-4.347	52.17	49.51	50.86
3.573	1.08	0	0.734	-3.671	-5.069	-4.405	52.17	49.69	51.11
14.75	1.347	0	0.618	-3.74	-5.203	-4.402	51.46	50.03	50.69
4.124	0.8141	0	0.6	-3.77	-5.167	-4.432	51.77	49.86	50.68
9.95	1.08	0	0.691	-3.667	-5.166	-4.494	52.05	50.71	51.26
5.827	1.347	0	0.909	-3.801	-5.266	-4.58	52.59	51.16	51.8
33.16	1.08	0	0.685	-3.9	-5.366	-4.518	53.48	51.47	52.9
10.4	0.8141	0	0.476	-3.695	-5.297	-4.515	54.2	53.01	53.49
6.828	0.8141	0	0.604	-3.968	-5.502	-4.553	55.19	53.49	54.48
8.06	1.08	0	0.586	-3.899	-5.297	-4.555	55.19	54.03	54.42
2.924	1.08	0	0.672	-3.933	-5.331	-4.556	55.77	55.12	55.42
4.578	1.08	0	0.632	-3.933	-5.296	-4.555	56.25	55.05	55.63
3.133	0.9473	0	0.697	-3.899	-5.365	-4.55	56.59	55.67	56.04
5.024	1.347	0	0.889	-3.66	-5.228	-4.55	56.66	55.84	56.16
9.02	1.08	0	0.812	-3.899	-5.296	-4.522	56.89	55.87	56.43
7.064	1.08	0	0.794	-3.831	-5.262	-4.534	57.03	56.35	56.68
10.5	1.08	0	0.722	-4.069	-5.194	-4.584	57.54	56.62	57.01
10.43	0.8141	0	0.583	-4.035	-5.331	-4.604	57.78	56.83	57.38
5.457	1.08	0	0.626	-3.899	-5.296	-4.67	58.02	57.27	57.71
5.685	1.08	0	0.466	-4.035	-5.228	-4.676	58.36	57.78	58.09
5.376	0.8141	0	0.728	-4.171	-5.296	-4.736	58.63	57.41	58.04
6.142	1.08	0.5481	0.378	-3.933	-5.603	-4.746	59.35	58.39	58.9
8.71	1.08	0	0.774	-4.274	-5.365	-4.809	59.45	58.84	59.18
7.874	1.08	0	0.527	-4.274	-5.536	-4.834	59.96	59.01	59.53
24.48	1.08	0	0.703	-4.172	-5.57	-4.852	60.61	59.11	59.65
7.424	1.347	0	0.973	-4.206	-5.57	-4.832	60.71	59.35	59.87
4.274	1.347	0	0.945	-4.069	-5.637	-4.826	60.54	59.45	60.15
4.386	1.08	0	0.834	-4.41	-5.671	-4.923	60.88	60.1	60.53
5.591	1.08	0	0.472	-4.274	-5.535	-4.928	60.88	60.54	60.7
5.861	1.08	0	0.758	-4.103	-5.433	-4.885	60.92	59.93	60.53
4.412	1.347	0	0.999	-4.274	-5.535	-4.808	61.94	60.2	60.87
15.74	1.347	0	0.96	-3.967	-5.365	-4.62	61.29	60.1	60.68

14.81	1.08	0	0.707	-3.728	-4.956	-4.307	60.95	59.49	60.2
8.59	0.5481	0	0.411	-3.183	-4.546	-3.808	60.27	58.87	59.59
0	0.5481	0	0.176	-2.092	-4.001	-3.05	60.3	57	58.83
0	0	0	0	-0.8999	-2.91	-1.982	59.28	55.43	57.22
5.111	0.5481	0	0.268	0.157	-1.819	-0.7439	57.03	54.2	55.49
1.016	0.8141	0	0.53	1.518	-0.3549	0.593	56.01	48.61	52.07
0	0	0	0	3.828	0.836	2.376	51.54	43.73	48.47
14.91	1.08	0	0.767	6.824	3.248	5.031	44.78	31.42	37.28
23.47	1.879	0.5481	0.667	9.51	6.414	8.01	34.32	24.33	28.37
24.39	2.412	0.8141	0.78	9.88	8.56	9.24	26.64	23.51	24.46
41.09	2.412	0.5481	0.963	9.87	8.57	9.23	25.75	23.71	24.56
45.13	3.477	0	1.871	9.99	8.46	9.32	25.88	23.81	24.4
32.17	2.945	0.5481	1.267	10.16	8.9	9.49	26.77	23.97	24.85
32.85	3.211	0.5481	1.62	10.26	8.86	9.55	26.35	24.21	25.14
30.89	3.211	0	1.272	10.08	8.55	9.3	26.59	24.72	25.45
21.12	3.211	0	1.085	9.46	7.864	8.82	27.74	24.99	26.44
17.71	2.412	0.8141	0.786	8.89	7.115	7.946	29.58	26.93	28.17
11.13	1.613	0	0.936	7.796	6.162	7.143	31.56	29.07	30.3
20.87	1.08	0	0.567	7.626	6.23	7.037	32.07	31.08	31.58
19.05	1.347	0	0.443	9.06	6.774	7.774	32	28.6	30.67
28.86	2.945	0.8141	1.144	10.28	8.2	9.14	29.51	24.41	26.87
23.59	3.477	0	1.657	11.02	9.05	9.98	26.07	23.32	24.79
32.18	4.542	1.08	1.646	11.36	9.73	10.61	25.12	22.67	23.46
29.84	4.274	1.08	1.478	12.31	10.47	11.35	24.64	20.83	22.47
38.77	5.342	0.5481	1.905	13.49	11.22	12.32	22.53	19.8	21.23
41.21	6.674	1.08	2.486	13.58	11.61	12.68	23.44	20.21	21.36
28.12	7.47	1.08	2.874	13.31	11.5	12.39	25.48	22.18	23.22
32.69	4.81	0	2.363	14.55	12.38	13.44	24.87	20.27	22.31
41.06	5.074	1.08	1.957	14.55	12.78	13.71	23.67	20.71	22.16
33.83	4.81	0.8141	2.163	14.81	12.74	13.67	23.9	21.18	22.45
32.87	5.606	1.214	2.186	14.4	12.46	13.63	23.26	21.18	22.2
30.21	6.938	0.5481	3.258	14.91	13.27	13.97	22.81	19.68	21.13
35.89	6.406	1.08	2.327	14.46	13	13.75	22.74	20.13	21.44
31.96	5.606	1.08	2.19	14.7	13.26	13.87	21.5	17.91	19.79
32.13	6.938	0.9473	2.503	15.17	12.99	14.09	22.06	18.17	20.56
30.03	6.272	1.347	2.03	14.59	12.75	13.6	21.79	19.24	20.86
31.84	6.138	1.08	2.286	15.03	13.43	14.2	21.58	18.46	20.22
28.99	5.606	1.08	2.202	14.96	13.3	14.14	21.18	18.29	19.37
33.62	5.606	1.08	2.297	14.83	13.26	13.97	20.65	19.24	19.74
25.62	5.342	1.613	1.981	14.72	13.13	13.91	20.63	18.05	19.41
29.28	7.206	1.347	2.662	14.93	13.47	14.15	20.22	18.25	19.03
31.21	5.606	0.8141	2.275	15.71	13.47	14.58	19.31	17	18.18
36.74	5.074	1.08	2.161	15.51	13.36	14.37	20.31	18.69	19.38
27.57	6.406	1.08	2.293	15.74	13.97	14.91	19.07	16.72	17.94
33.81	6.938	0.8141	2.411	15.16	13.33	14.45	19.51	17.64	18.52
25.51	6.674	1.347	2.675	15.4	13.8	14.55	19.68	17.37	18.36
26.45	6.674	1.347	2.52	15.33	13.97	14.59	19.37	16.93	18.06
28.05	6.138	1.08	2.17	15.5	14.01	14.67	18.42	16.82	17.55
30.36	5.874	1.08	2.491	15.78	14.45	15.04	18.35	15.91	16.86

24.09	7.47	1.347	2.69	15.71	13.94	14.76	17.5	15.57	16.45
32.3	6.674	1.08	2.533	15.47	13.91	14.8	17.03	15.23	16.25
23.09	6.138	1.613	2.202	15.13	13.64	14.3	17.95	16.69	17.35
31.33	5.606	1.08	2.175	14.93	13.53	14.2	18.12	17.06	17.59
27.01	6.138	1.08	2.399	14.83	13.16	14	18.59	16.93	17.62
24.68	5.342	1.08	1.904	14.25	12.86	13.57	19.03	18.15	18.57
30.23	5.342	1.347	1.999	14.39	12.62	13.5	19.27	17.81	18.29
26.09	5.874	1.08	2.353	13.85	12.69	13.29	18.8	17.74	18.19
24.66	4.542	0.8141	1.772	14.05	12.39	13.26	18.87	18.12	18.44
23.68	4.81	1.214	1.745	13.61	12.19	12.99	19.51	18.26	18.86
26.61	5.342	1.347	1.843	13.41	11.34	12.51	20.47	19.14	19.87
21.56	5.342	0.5481	2.161	12.7	11.3	12.01	21.08	20.06	20.55
22.32	4.542	0.8141	1.726	12.36	10.63	11.55	21.42	20.6	21.02
20.04	3.477	0.8141	1.275	12.03	10.33	11.07	22.51	21.36	21.86
23.72	2.678	0.5481	0.992	11.11	9.65	10.32	23.64	22.41	23.12
19.9	2.945	0.5481	0.802	10.3	8.5	9.48	25.71	23.54	24.68
14.8	1.879	0	0.947	9.25	7.181	8.17	27.86	25.68	26.74
11.45	1.08	0	0.77	7.998	6.265	7.049	29.77	27.79	28.72
18.72	1.613	0	0.912	7.082	4.871	5.864	32.25	29.6	30.91
22.96	2.146	0	0.878	5.96	4.093	4.977	33.71	31.88	32.9
19.5	1.613	0	0.629	5.149	3.555	4.353	35.15	33.55	34.18
16.14	1.879	0	0.767	4.748	3.082	3.872	36.82	34.81	36.02
17.48	1.613	0.5481	0.482	4.24	2.813	3.478	38.12	36.62	37.29
17	1.613	0	0.682	3.802	2.408	3.141	39.24	37.67	38.57
22.56	1.613	0.5481	0.526	3.361	2.103	2.754	40.44	38.63	39.47
25.37	1.879	0	0.826	3.228	1.393	2.307	41.29	40.16	40.85
19.11	1.347	0	0.455	2.96	1.191	1.987	42.55	40.75	41.65
17.55	0.8141	0	0.704	2.178	0.783	1.534	44.22	42.25	43.21
23.56	1.08	0	0.688	2.042	0.306	0.943	45.41	43.91	44.68
21.03	1.879	0	0.713	1.464	-0.2029	0.553	46.57	45.41	46.2
27.64	1.613	0	0.806	1.402	0.003	0.654	46.54	45.76	46.09
27.02	1.613	0	0.945	1.029	-0.3299	0.462	46.96	45.97	46.54
22.54	1.613	0	0.906	1.034	-0.3959	0.309	47.33	46.55	46.95
11.43	0.8141	0	0.656	0.763	-0.6339	0.073	48.19	47.06	47.7
20.83	1.613	0	0.848	0.592	-0.7359	-0.07699	48.94	47.95	48.45
26.89	2.412	0	1.028	0.661	-0.6329	-0.05799	48.77	47.27	48.21
24.26	2.146	0	0.819	0.933	-0.3609	0.343	47.44	46.01	46.73
23.41	2.146	0.5481	0.775	1.342	-0.1229	0.563	46.42	44.95	45.61
25.48	2.945	0.5481	0.9	1.512	0.388	0.89	45.22	43.9	44.45
31.14	1.879	0	0.627	1.478	0.048	0.732	46.38	43.96	45.04
24.74	1.613	0	0.753	1.037	-0.3249	0.459	47.07	45.43	46.17
19.9	1.08	0	0.804	1.174	-0.4229	0.451	46.9	45.3	45.95
23.63	1.613	0	0.749	0.871	-0.6259	0.147	48.13	46.42	47.11
22.25	1.613	0	0.855	0.568	-0.8949	-0.1619	49.29	47.89	48.68
17.51	0.5481	0	0.51	0.332	-1.267	-0.5309	49.63	48.44	48.99
0	0	0	0	-0.1439	-1.641	-0.8199	50.52	49.19	49.7
7.033	0.8141	0	0.553	-0.2449	-1.845	-1.128	52.02	50.08	50.93
0	0	0	0	-0.7899	-2.22	-1.404	52.63	50.83	51.79
2.555	0.8141	0	0.367	-1.164	-2.39	-1.739	53.96	52.12	53.08

0	0	0	0	-1.471	-2.799	-2.146	55.36	52.77	54.19
0	0	0	0	-1.403	-2.97	-2.234	56.45	54.74	55.22
0	0	0	0	-1.573	-2.935	-2.256	56.48	54.95	55.66
0	0	0	0	-1.879	-2.97	-2.436	58.36	56.04	56.93
1.326	0.8141	0	0.481	-1.808	-3.309	-2.405	57.81	56.59	57.11
13.2	0.8141	0	0.598	-1.633	-3.34	-2.297	57.34	55.81	56.55
1.824	0.5481	0	0.321	-1.361	-2.859	-2.141	56.02	55.27	55.57
2.833	0.5481	0	0.199	-1.597	-3.028	-2.318	56.33	55.2	55.76
0	0	0	0	-1.767	-3.198	-2.496	57.38	56.12	56.68
16.6	0.8141	0	0.611	-1.801	-3.199	-2.577	58.23	56.87	57.4
15.46	1.08	0	0.784	-2.143	-3.573	-2.709	58.91	57.48	57.94
24.98	1.613	0	0.512	-1.904	-3.335	-2.654	58.4	57.48	57.83
23.97	1.879	0.5481	0.613	-1.869	-3.336	-2.566	57.99	56.7	57.42
20.89	2.146	0.5481	0.719	-1.664	-3.231	-2.399	57.62	55.82	56.78
20.89	2.412	0.8141	0.759	-1.663	-3.094	-2.392	58.17	56.26	57.18
24.21	2.412	0.5481	0.766	-1.458	-3.298	-2.285	57.83	55.78	56.75
22.65	2.412	0.5481	0.804	-1.458	-2.548	-2.002	56.7	54.22	55.48
18.13	2.146	0.5481	0.714	-1.322	-2.548	-1.946	55.75	53.88	54.72
18.43	1.879	0.5481	0.584	-1.151	-2.651	-1.807	55.85	52.58	54.06
18.51	2.412	0.5481	0.685	-1.219	-2.582	-1.794	53.94	51.8	52.96
17.5	2.146	0.5481	0.656	-1.185	-2.787	-2.04	54.8	52.14	53.35
21.36	3.477	0.8141	0.968	-1.321	-2.991	-2.134	55.78	53.84	54.91
20.77	2.412	0.8141	0.804	-1.117	-2.616	-1.932	55.78	52.55	54.06
21.86	3.477	1.08	0.965	-0.7429	-2.241	-1.468	54.32	51.42	53.05
21.17	3.742	1.08	1.199	-0.5379	-1.935	-1.197	53.13	50.3	51.9
22.23	3.477	1.08	1.018	0.075	-1.389	-0.7049	51.22	47.88	49.67
19.2	3.211	1.08	0.934	0.177	-1.083	-0.4359	48.73	46.69	47.51
21.63	3.477	1.347	1.037	0.45	-1.117	-0.2239	47.33	44.27	45.59
22.2	2.945	1.08	0.863	0.62	-0.8789	-0.1409	45.77	43.07	44.65
22.9	2.945	1.08	0.958	0.517	-0.7779	-0.2019	47.13	43.82	45.31
22.35	3.477	1.347	1.062	0.653	-0.7779	-0.02099	46.45	43.55	44.94
18.01	3.742	0.8141	1.078	1.163	-0.4729	0.196	44.61	42.66	43.76
22.59	3.211	1.214	1.027	1.263	-0.5759	0.354	45.11	41.88	43.13
23	3.742	1.08	1.207	1.264	-0.09899	0.538	44.26	41.71	42.77
17.54	3.477	0.8141	1.178	1.093	-0.5419	0.247	44.88	42.49	43.56
19.16	3.477	1.347	1.052	0.718	-0.6109	0.049	45.22	43.85	44.51
22.53	3.742	1.08	1.333	1.06	-0.2689	0.472	45.08	42.18	43.79
20.81	4.274	1.08	1.342	1.47	0.005	0.776	43.68	41.09	42.47
20.78	4.542	1.347	1.301	2.186	0.278	1.076	42.77	37.31	40.75
23.12	3.477	1.08	1.088	2.117	0.549	1.321	41.13	37.79	39.83
20.78	3.477	0.8141	1.263	1.811	-0.06299	0.781	42.73	40.11	41.18
20.06	4.274	1.08	1.194	1.504	-0.6429	0.394	44.88	40.65	42.93
24.03	3.477	1.08	1.284	1.06	-0.3029	0.467	44.43	40.24	42.62
23.17	3.742	1.08	1.045	2.592	0.31	1.436	42.42	33.46	38.5
22.84	4.274	1.347	1.333	3.001	1.536	2.391	38.23	33.6	35.9
22.36	4.542	1.347	1.462	3.372	1.227	2.246	38.84	34.24	37.26
22.21	4.542	1.347	1.409	4.424	2.587	3.578	34.72	31.61	33.13
25.76	5.342	1.347	1.626	5.819	3.538	4.787	33.42	29.67	30.91
22.79	4.542	1.613	1.454	6.602	4.559	5.609	31.03	27.8	29.16

22.73	4.274	1.613	1.32	7.317	5.546	6.298	28.38	25.86	26.9
21.94	4.274	1.08	1.601	7.515	5.919	6.66	27.18	24.76	25.86
23.6	3.477	0.8141	1.294	8.67	6.594	7.417	25.68	23.46	24.43
27.38	2.945	0.8141	1.285	9.04	7.474	8.19	24.79	21.97	23.49
29.39	3.477	0.5481	1.019	9.72	7.983	8.88	24.45	21.62	22.72
38.99	2.678	0.5481	1.036	10.56	8.86	9.73	24.28	20.6	21.88
40.96	2.412	0.8141	0.793	10.76	9.5	10.07	22.5	20.43	21.22
42.31	3.742	0.5481	1.455	11.06	9.74	10.42	24.17	18.79	20.79
39.72	3.211	0.5481	1.422	11.78	10.25	10.97	22.37	18.86	20.09
34.81	3.477	0.8141	1.3	12.25	10.45	11.4	21.48	18.69	19.61
34.43	4.01	0.5481	1.525	13.16	11.16	12.05	20.8	17.7	19.33
29.1	4.274	0.8141	1.52	13.02	11.59	12.31	19.37	17.36	18.4
22.73	3.612	1.347	1.339	13.22	12	12.55	19.33	17.29	18.18
35.35	3.742	0.6813	1.272	13.79	12.19	13.07	19.19	17.22	17.98
46.85	4.01	0	1.883	14.46	12.9	13.56	19.02	16.4	17.28
32.41	4.542	0.5481	1.954	14.96	12.79	13.88	17.38	14.46	16.03
40.93	4.274	1.08	1.53	15.64	13.91	14.68	16.63	13.47	14.3
33.75	5.606	0.5481	2.074	16.05	14.58	15.22	14.62	12.99	13.59
35.02	4.274	0.8141	1.649	16.61	14.71	15.6	14.21	12.89	13.41
64.15	3.211	0	1.534	16.88	15.15	16.16	14.35	12.65	13.22
64.69	2.945	0.5481	1.339	17.08	15.41	16.29	14.14	12.65	13.19
33.53	6.406	1.08	2.297	16.77	14.01	15.25	17.88	13.46	16.32
32.74	4.542	1.08	1.637	15.95	14.25	15.01	18.08	15.87	16.79
38.97	4.542	0.8141	1.587	15.74	14.35	15.01	18.08	16.18	16.94
41.63	4.01	0.5481	1.644	16.19	14.59	15.4	17.27	15.16	16.2
42.51	4.01	0.8141	1.668	16.32	14.35	15.34	17	14.72	15.95
38.8	4.542	0.8141	2.107	16.12	13.91	15.19	19.03	15.91	16.85
40.12	4.274	0.8141	1.454	16.63	14.74	15.69	18.46	15.84	16.73
36.88	4.542	0.5481	2.067	16.73	14.83	15.83	17.4	15.64	16.52
34.7	4.408	0.5481	2.082	16.36	14.62	15.45	18.42	16.15	17.03
43.45	4.542	1.08	1.741	16.53	14.72	15.69	18.01	16.04	16.89
41.32	3.742	1.08	1.26	16.92	15.37	16.24	17.27	15.72	16.37
41.76	5.874	0.8141	2.142	17.69	16.25	16.93	16.69	14.16	15.31
46.65	5.074	0.8141	2.29	17.23	15.74	16.53	15.7	14.24	14.93
35.75	6.138	0.8141	2.369	18.41	16.31	17.25	15.8	13.35	14.32
32.01	6.938	1.347	2.436	18.44	16.56	17.46	14.48	12.98	13.63
35.05	5.606	0.9473	2.102	18.16	16.52	17.29	14.05	13.03	13.58
33.93	4.81	0.8141	1.831	18.58	16.85	17.74	14.03	12.79	13.33
51.1	5.874	0.8141	2.472	18.27	16.3	17.24	14.22	12.74	13.4
28.25	4.81	1.347	1.814	18.34	16.71	17.62	13.93	12.61	13.1
31.19	5.074	0.8141	2.085	18.38	16.88	17.59	13.42	12.64	13.03
30.88	5.342	0.8141	2.039	18.43	16.85	17.68	13.52	12.54	12.91
39.13	4.81	1.347	1.652	18.39	16.83	17.6	13.61	12.64	13.06
27.22	5.874	1.347	2.221	18.22	16.85	17.47	13.69	12.86	13.18
39.76	4.542	0	2.112	18.32	17.07	17.81	13.54	12.69	12.97
27.82	5.874	1.08	1.812	18.36	16.61	17.48	13.74	12.83	13.27
30.79	5.342	1.347	2.141	18.05	16.2	17.13	13.83	12.84	13.29
30.84	5.074	0.8141	1.854	18.36	16.44	17.29	13.81	13.03	13.48
34.21	5.606	0.5481	2.257	18.12	16.52	17.31	13.64	13	13.32

33.59	6.406	0.5481	2.373	18.44	16.66	17.63	13.88	13.08	13.45
31.05	5.074	0.8141	1.49	17.73	16.17	17.02	14.24	13.39	13.73
28.85	4.542	1.08	1.897	16.98	15.56	16.18	14.61	13.86	14.29
23.85	5.074	1.08	1.519	16.62	15.19	15.9	15.36	14.27	14.64
22.97	4.274	0.8141	1.815	16.83	15.4	15.97	14.89	14.24	14.52
23.27	4.01	0.8141	1.79	16.8	15.54	16.03	15.74	14.41	14.94
21.91	4.81	0.8141	1.778	16.22	14.69	15.55	16.25	14.82	15.49
24.04	4.542	0.8141	1.888	15.74	14.11	14.95	17.3	15.91	16.64
26.19	5.074	1.08	1.826	15.07	13.81	14.44	17.78	16.93	17.29
21.64	4.274	1.08	1.449	14.73	13.41	14.06	18.15	17.23	17.66
23.12	3.612	0.5481	1.23	14.26	12.73	13.49	19.11	18.02	18.53
21.44	3.344	0.8141	1.15	13.68	11.84	12.75	19.96	18.8	19.41
20.08	2.945	0.5481	1.032	12.83	10.83	11.87	21.52	19.89	20.5
17.02	2.945	0.8141	0.888	11.89	10.09	10.95	22.14	21.22	21.78
18.71	2.412	0.5481	0.832	10.98	9.14	10.02	24.42	22.04	23.14
16.63	2.279	0.8141	0.628	9.69	7.718	8.9	26.39	23.91	25.18
18.03	2.146	0	1.026	8.91	7.417	8.1	26.67	25.99	26.39
23.84	1.347	0	0.898	8.44	6.945	7.681	27.86	26.6	27.12
9.46	0.8141	0	0.475	7.932	6.3	7.067	28.61	27.62	28.02
17.12	1.613	0	0.893	6.946	4.803	6.146	31.06	28.51	29.54
17.4	1.613	0	0.943	6.3	4.395	5.277	32.39	30.75	31.94
0	0	0	0	5.556	4.066	4.777	33.62	32.22	32.96
24.25	1.879	0	1.057	5.155	3.828	4.431	34.27	33.42	33.95
19.04	1.613	0	1.032	4.886	3.321	4.087	36.11	34	34.85
17.43	1.613	0	0.963	4.445	2.745	3.593	36.96	35.87	36.53
16.14	2.146	0	1.146	3.872	2.545	3.329	37.92	36.21	36.99
34.82	1.613	0	0.722	4.111	2.479	3.293	37.99	37.03	37.38
34.49	1.08	0	0.678	3.534	1.869	2.784	39.56	37.95	38.8
4.84	0.8141	0	0.689	3.3	1.769	2.486	40.68	39.45	40.05
0	0	0	0	2.995	1.668	2.214	41.33	40.2	40.73
15.2	0.8141	0	0.478	2.553	1.123	1.91	42.38	40.95	41.63
35.77	2.146	0	1.032	2.213	0.749	1.625	43.61	42.11	42.95
29.5	1.613	0	0.568	2.451	1.021	1.749	43.4	42.01	42.75
11.79	2.146	0.5481	0.656	3.134	1.43	2.254	42.21	40.55	41.43
10.15	2.412	1.08	0.639	5.079	2.216	3.692	40.58	34.42	37.5
16.71	1.879	0.5481	0.619	5.079	3.888	4.495	35.82	34.42	34.99
15.18	1.08	0	0.537	5.046	2.833	4.128	37.42	35.17	36.28
5.68	0.5481	0	0.368	4.161	1.949	2.986	40.62	37.35	38.94
0	0	0	0	2.733	1.404	2.08	42.83	40.59	41.7
0	0	0	0	2.565	1.272	1.821	43.38	41.88	42.57
0	0	0	0	2.328	0.728	1.512	43.96	42.87	43.54
0	0	0	0	1.648	0.184	0.993	45.46	43.76	44.54
0	0	0	0	1.239	-0.1229	0.563	47.2	45.22	46.26
0	0	0	0	1.035	-0.4289	0.264	47.85	46.82	47.39
0	0	0	0	0.627	-0.8719	-0.04799	49.21	47.61	48.32

mm Precip	mm Accum Pcpn	Deg C 1" Soil Max Tmp	Deg C 1" Soil Min Tmp	Deg C 1" Soil Ave Tmp	Deg C 4" Soil Max Tmp	Deg C 4" Soil Min Tmp	Deg C 4" Soil Ave Tmp	Deg C 40" Soil Mx Temp	Deg C 40" Soil Mn Temp
0	322.6	11.13	10.99	11.07	14.42	14.33	14.39	14.87	14.83
0	322.6	11	10.88	10.95	14.37	14.3	14.33	14.87	14.83
0	322.6	10.88	10.77	10.83	14.32	14.25	14.28	14.88	14.83
0	322.6	10.77	10.64	10.7	14.28	14.19	14.23	14.88	14.83
0	322.6	10.66	10.53	10.58	14.2	14.13	14.17	14.89	14.81
0	322.6	10.56	10.4	10.47	14.16	14.06	14.12	14.9	14.8
0	322.6	10.4	10.29	10.34	14.11	13.99	14.06	14.89	14.84
0	322.6	10.29	10.17	10.23	14.04	13.98	14.01	14.88	14.82
0	322.6	10.17	10.07	10.13	13.98	13.92	13.95	14.91	14.86
0	322.6	10.07	9.94	10	13.93	13.84	13.9	14.91	14.81
0	322.6	9.94	9.84	9.89	13.87	13.8	13.84	14.91	14.83
0	322.6	9.84	9.73	9.78	13.8	13.74	13.78	14.91	14.83
0	322.6	9.75	9.6	9.67	13.75	13.67	13.72	14.91	14.86
0	322.6	9.62	9.51	9.56	13.7	13.61	13.66	14.9	14.86
0	322.6	9.52	9.39	9.45	13.63	13.56	13.6	14.89	14.84
0	322.6	9.4	9.29	9.35	13.6	13.49	13.55	14.9	14.85
0	322.6	9.29	9.2	9.25	13.5	13.43	13.48	14.88	14.82
0	322.6	9.21	9.08	9.14	13.46	13.36	13.42	14.9	14.83
0	322.6	9.11	9.01	9.06	13.4	13.32	13.37	14.89	14.85
0	322.6	9.03	8.86	8.94	13.33	13.26	13.3	14.89	14.84
0	322.6	8.93	8.79	8.84	13.27	13.2	13.24	14.89	14.81
0	322.6	8.8	8.67	8.73	13.21	13.14	13.19	14.87	14.81
0	322.6	8.7	8.58	8.64	13.15	13.08	13.12	14.89	14.82
0	322.6	8.58	8.47	8.53	13.09	13.01	13.06	14.88	14.79
0	322.6	8.47	8.36	8.41	13.03	12.96	13	14.86	14.82
0	322.6	8.37	8.25	8.32	12.97	12.89	12.94	14.86	14.82
0	322.6	8.27	8.16	8.21	12.91	12.84	12.88	14.87	14.83
0	322.6	8.18	8.07	8.12	12.85	12.78	12.81	14.88	14.79
0	322.6	8.07	7.971	8.02	12.81	12.72	12.77	14.86	14.79
0	322.6	8	7.883	7.933	12.76	12.66	12.72	14.85	14.78
0	322.6	7.895	7.793	7.836	12.7	12.6	12.65	14.83	14.77
0	322.6	7.834	7.699	7.752	12.62	12.54	12.59	14.83	14.77
0	322.6	7.717	7.585	7.646	12.59	12.5	12.54	14.86	14.74
0	322.6	7.608	7.511	7.552	12.52	12.42	12.48	14.82	14.77
0	322.6	7.511	7.402	7.465	12.46	12.38	12.42	14.81	14.77
0	322.6	7.414	7.32	7.374	12.4	12.32	12.37	14.81	14.72
0	322.6	7.32	7.22	7.275	12.34	12.24	12.31	14.79	14.73
0	322.6	7.232	7.146	7.189	12.28	12.21	12.25	14.77	14.75
0	322.6	7.149	7.048	7.1	12.23	12.15	12.19	14.78	14.73
0	322.6	7.054	6.924	6.999	12.17	12.07	12.13	14.77	14.7
0	322.6	6.948	6.868	6.919	12.12	12.02	12.07	14.76	14.68
0	322.6	6.883	6.77	6.831	12.06	11.96	12.01	14.76	14.7
0	322.6	6.794	6.684	6.742	11.97	11.91	11.96	14.75	14.67
0	322.6	6.684	6.574	6.638	11.91	11.85	11.89	14.75	14.69
0	322.6	6.637	6.5	6.567	11.86	11.78	11.83	14.74	14.66

0	322.6	6.523	6.41	6.469	11.82	11.71	11.78	14.71	14.66
0	322.6	6.44	6.333	6.387	11.75	11.69	11.72	14.7	14.63
0	322.6	6.342	6.258	6.307	11.7	11.64	11.68	14.7	14.64
0	322.6	6.261	6.156	6.21	11.66	11.58	11.62	14.68	14.63
0	322.6	6.18	6.082	6.136	11.59	11.5	11.55	14.66	14.63
0	322.6	6.103	5.977	6.06	11.54	11.44	11.49	14.65	14.62
0	322.6	6.019	5.902	5.968	11.47	11.4	11.44	14.65	14.6
0	322.6	5.932	5.839	5.892	11.42	11.33	11.38	14.63	14.6
0	322.6	5.875	5.775	5.824	11.36	11.28	11.32	14.62	14.57
0	322.6	5.803	5.727	5.762	11.3	11.23	11.26	14.63	14.55
0	322.6	5.794	5.655	5.717	11.25	11.16	11.2	14.63	14.54
0	322.6	5.736	5.616	5.68	11.23	11.1	11.15	14.58	14.55
0	322.6	5.667	5.607	5.638	11.14	11.07	11.09	14.6	14.56
0	322.6	5.661	5.592	5.625	11.07	11	11.04	14.58	14.54
0	322.6	5.649	5.574	5.616	11.01	10.93	10.98	14.6	14.55
0	322.6	5.658	5.58	5.607	10.96	10.89	10.93	14.58	14.49
0	322.6	5.673	5.571	5.64	10.93	10.85	10.89	14.58	14.5
0	322.6	5.745	5.667	5.692	10.86	10.78	10.83	14.54	14.48
0	322.6	5.884	5.736	5.784	10.83	10.76	10.79	14.54	14.47
0	322.6	6.025	5.842	5.914	10.79	10.69	10.75	14.55	14.48
0	322.6	6.21	5.959	6.094	10.72	10.65	10.69	14.53	14.46
0	322.6	6.446	6.21	6.329	10.68	10.6	10.65	14.5	14.44
0	322.6	6.717	6.446	6.583	10.63	10.56	10.61	14.49	14.44
0	322.6	7.004	6.717	6.865	10.59	10.54	10.57	14.47	14.42
0	322.6	7.379	7.004	7.179	10.55	10.51	10.53	14.48	14.39
0	322.6	7.725	7.373	7.523	10.53	10.47	10.5	14.46	14.39
0	322.6	8.08	7.725	7.879	10.5	10.44	10.48	14.45	14.34
0	322.6	8.45	8.06	8.24	10.48	10.42	10.45	14.42	14.34
0	322.6	8.86	8.45	8.64	10.48	10.41	10.44	14.38	14.31
0	322.6	9.25	8.86	9.03	10.45	10.38	10.43	14.38	14.33
0	322.6	9.62	9.25	9.43	10.45	10.41	10.43	14.36	14.32
0	322.6	10.05	9.62	9.82	10.45	10.41	10.43	14.35	14.3
0	322.6	10.47	10.05	10.22	10.45	10.43	10.45	14.32	14.29
0	322.6	10.85	10.47	10.64	10.5	10.45	10.47	14.33	14.27
0	322.6	11.28	10.85	11.04	10.51	10.46	10.49	14.29	14.25
0	322.6	11.67	11.28	11.44	10.55	10.47	10.52	14.28	14.23
0	322.6	12.08	11.67	11.84	10.63	10.55	10.57	14.26	14.2
0	322.6	12.45	12.08	12.23	10.63	10.57	10.61	14.25	14.2
0	322.6	12.85	12.45	12.64	10.71	10.62	10.66	14.23	14.19
0	322.6	13.26	12.85	13.04	10.76	10.65	10.72	14.2	14.15
0	322.6	13.6	13.26	13.41	10.82	10.76	10.79	14.19	14.16
0	322.6	13.9	13.6	13.74	10.94	10.82	10.88	14.18	14.11
0	322.6	14.13	13.9	14.02	11.03	10.91	10.96	14.17	14.11
0	322.6	14.35	14.13	14.24	11.09	10.98	11.05	14.17	14.08
0	322.6	14.48	14.34	14.4	11.2	11.09	11.14	14.14	14.05
0	322.6	14.58	14.47	14.52	11.29	11.2	11.25	14.1	14.05
0	322.6	14.69	14.55	14.62	11.4	11.29	11.35	14.08	14.05
0	322.6	14.78	14.66	14.72	11.52	11.39	11.45	14.08	14.03
0	322.6	14.95	14.78	14.85	11.61	11.51	11.56	14.08	13.98

0	322.6	15.02	14.92	14.97	11.71	11.61	11.66	14.04	13.97
0	322.6	15.1	15.01	15.05	11.82	11.71	11.77	14.04	13.99
0	322.6	15.12	15.08	15.1	11.93	11.81	11.88	14.02	13.98
0	322.6	15.17	15.11	15.13	12.03	11.92	11.98	14	13.94
0	322.6	15.15	15.07	15.12	12.17	12.03	12.09	14	13.95
0	322.6	15.14	15.1	15.12	12.23	12.17	12.19	13.98	13.95
0	322.6	15.16	15.08	15.13	12.34	12.22	12.29	13.98	13.93
0	322.6	15.19	15.11	15.15	12.42	12.3	12.38	13.96	13.9
0	322.6	15.22	15.17	15.2	12.54	12.42	12.47	13.95	13.91
0	322.6	15.27	15.21	15.24	12.63	12.51	12.56	13.95	13.9
0	322.6	15.3	15.25	15.27	12.71	12.59	12.64	13.94	13.9
0	322.6	15.32	15.26	15.28	12.75	12.69	12.72	13.91	13.88
0	322.6	15.28	15.22	15.25	12.84	12.75	12.8	13.91	13.86
0	322.6	15.23	15.16	15.21	12.92	12.8	12.87	13.92	13.88
0	322.6	15.19	15.11	15.16	12.98	12.92	12.95	13.94	13.85
0	322.6	15.11	15.03	15.09	13.06	12.98	13.02	13.9	13.86
0	322.6	15.03	14.95	15	13.11	13.02	13.07	13.92	13.84
0	322.6	14.95	14.86	14.91	13.18	13.11	13.14	13.9	13.86
0	322.6	14.86	14.75	14.8	13.25	13.16	13.2	13.91	13.83
0	322.6	14.75	14.63	14.69	13.28	13.2	13.25	13.89	13.82
0	322.6	14.63	14.49	14.56	13.35	13.26	13.3	13.89	13.83
0	322.6	14.51	14.36	14.44	13.39	13.33	13.36	13.89	13.83
0	322.6	14.36	14.23	14.3	13.44	13.38	13.41	13.89	13.84
0	322.6	14.24	14.09	14.16	13.47	13.4	13.45	13.88	13.81
0	322.6	14.1	13.94	14.02	13.51	13.46	13.49	13.87	13.82
0	322.6	13.94	13.77	13.87	13.54	13.48	13.52	13.89	13.84
0	322.6	13.77	13.65	13.72	13.56	13.51	13.54	13.89	13.83
0	322.6	13.65	13.47	13.57	13.58	13.52	13.56	13.89	13.84
0	322.6	13.47	13.3	13.41	13.61	13.56	13.58	13.91	13.84
0	322.6	13.31	13.18	13.25	13.62	13.57	13.6	13.88	13.8
0	322.6	13.18	13.02	13.11	13.63	13.57	13.61	13.88	13.83
0	322.6	13.02	12.87	12.94	13.63	13.59	13.62	13.9	13.84
0	322.6	12.88	12.71	12.8	13.62	13.58	13.61	13.89	13.84
0	322.6	12.71	12.54	12.65	13.64	13.58	13.61	13.9	13.83
0	322.6	12.55	12.43	12.5	13.62	13.58	13.61	13.9	13.82
0	322.6	12.43	12.31	12.37	13.63	13.57	13.6	13.92	13.83
0	322.6	12.31	12.14	12.22	13.61	13.57	13.59	13.9	13.87
0	322.6	12.15	12.01	12.08	13.6	13.56	13.58	13.9	13.86
0	322.6	12.02	11.89	11.96	13.58	13.54	13.56	13.91	13.86
0	322.6	11.89	11.74	11.81	13.57	13.51	13.55	13.92	13.88
0	322.6	11.74	11.6	11.68	13.55	13.48	13.53	13.92	13.84
0	322.6	11.62	11.45	11.54	13.53	13.48	13.5	13.92	13.87
0	322.6	11.47	11.34	11.4	13.5	13.47	13.49	13.92	13.85
0	322.6	11.34	11.21	11.28	13.48	13.43	13.46	13.97	13.88
0	322.6	11.23	11.09	11.15	13.47	13.39	13.43	13.95	13.9
0	322.6	11.09	10.95	11.03	13.42	13.37	13.4	13.95	13.92
0	322.6	10.98	10.83	10.9	13.39	13.32	13.36	13.96	13.91
0	322.6	10.87	10.71	10.78	13.35	13.28	13.32	13.96	13.92
0	322.6	10.73	10.61	10.66	13.31	13.24	13.29	13.95	13.92

0	322.6	10.62	10.49	10.56	13.28	13.21	13.24	13.98	13.92
0	322.6	10.49	10.35	10.43	13.23	13.18	13.2	13.98	13.93
0	322.6	10.37	10.23	10.31	13.2	13.13	13.18	14.01	13.91
0	322.6	10.26	10.14	10.2	13.14	13.09	13.12	13.98	13.91
0	322.6	10.15	10.03	10.09	13.1	13.04	13.09	13.99	13.93
0	322.6	10.03	9.92	9.97	13.07	12.99	13.04	13.99	13.93
0	322.6	9.92	9.81	9.86	13.01	12.96	13	13.99	13.95
0	322.6	9.82	9.69	9.75	12.98	12.91	12.95	14.01	13.95
0	322.6	9.7	9.59	9.64	12.94	12.84	12.91	14	13.96
0	322.6	9.6	9.43	9.53	12.9	12.81	12.87	13.98	13.95
0	322.6	9.47	9.36	9.42	12.85	12.78	12.82	14	13.96
0	322.6	9.39	9.25	9.32	12.8	12.73	12.77	14.01	13.96
0	322.6	9.29	9.17	9.22	12.74	12.68	12.73	13.99	13.96
0	322.6	9.17	9.01	9.1	12.71	12.62	12.68	14.02	13.96
0	322.6	9.07	8.94	9.01	12.66	12.61	12.63	14.02	13.96
0	322.6	8.96	8.84	8.9	12.63	12.56	12.59	14	13.97
0	322.6	8.87	8.74	8.79	12.57	12.49	12.54	14.04	13.97
0	322.6	8.75	8.63	8.7	12.53	12.41	12.5	14.03	13.93
0	322.6	8.66	8.55	8.6	12.48	12.41	12.44	14.01	13.95
0	322.6	8.56	8.43	8.5	12.43	12.32	12.41	14.05	13.96
0	322.6	8.44	8.32	8.4	12.41	12.3	12.36	14.02	13.99
0	322.6	8.39	8.26	8.31	12.32	12.26	12.3	14.02	13.98
0	322.6	8.26	8.18	8.22	12.28	12.19	12.26	14.03	13.96
0	322.6	8.18	8.06	8.12	12.27	12.16	12.21	14.02	13.97
0	322.6	8.06	7.968	8.02	12.19	12.14	12.17	14.02	13.95
0	322.6	8.01	7.901	7.947	12.18	12.09	12.13	14.04	13.96
0	322.6	7.913	7.787	7.851	12.14	12.04	12.08	14.02	13.95
0	322.6	7.828	7.725	7.759	12.05	11.98	12.04	14.02	13.95
0	322.6	7.731	7.623	7.672	12.04	11.96	12	14.01	13.96
0	322.6	7.629	7.538	7.589	11.97	11.9	11.94	14.02	13.96
0	322.6	7.555	7.464	7.512	11.91	11.85	11.9	14	13.96
0	322.6	7.473	7.332	7.421	11.88	11.77	11.85	14	13.96
0	322.6	7.364	7.285	7.333	11.83	11.76	11.8	14	13.96
0	322.6	7.305	7.232	7.263	11.78	11.69	11.74	13.99	13.96
0	322.6	7.232	7.14	7.184	11.73	11.68	11.71	13.99	13.93
0	322.6	7.17	7.051	7.11	11.69	11.62	11.65	14	13.93
0	322.6	7.06	6.957	7.023	11.63	11.56	11.61	13.98	13.95
0	322.6	6.983	6.898	6.947	11.58	11.52	11.55	14.01	13.93
0	322.6	6.912	6.826	6.868	11.54	11.47	11.51	13.96	13.93
0	322.6	6.859	6.746	6.795	11.49	11.42	11.46	13.99	13.9
0	322.6	6.77	6.684	6.729	11.43	11.36	11.4	13.97	13.93
0	322.6	6.702	6.61	6.65	11.38	11.31	11.35	13.97	13.9
0	322.6	6.663	6.488	6.574	11.36	11.28	11.31	13.95	13.89
0	322.6	6.529	6.443	6.489	11.29	11.2	11.26	13.95	13.85
0	322.6	6.467	6.351	6.437	11.27	11.16	11.21	13.94	13.88
0	322.6	6.395	6.336	6.358	11.19	11.11	11.16	13.96	13.89
0	322.6	6.339	6.243	6.291	11.16	11.06	11.11	13.91	13.86
0	322.6	6.3	6.174	6.223	11.07	11.02	11.05	13.94	13.88
0	322.6	6.186	6.1	6.148	11.03	10.95	11.01	13.91	13.86

0	322.6	6.109	6.031	6.074	11	10.92	10.97	13.9	13.86
0	322.6	6.073	5.983	6.016	10.94	10.88	10.92	13.9	13.85
0	322.6	5.995	5.899	5.952	10.9	10.84	10.88	13.9	13.84
0	322.6	5.932	5.851	5.895	10.86	10.8	10.83	13.9	13.83
0	322.6	5.857	5.794	5.818	10.82	10.75	10.79	13.85	13.78
0	322.6	5.833	5.751	5.786	10.76	10.69	10.74	13.86	13.81
0	322.6	5.757	5.706	5.73	10.73	10.67	10.7	13.85	13.79
0	322.6	5.724	5.664	5.702	10.67	10.61	10.65	13.84	13.8
0	322.6	5.7	5.64	5.669	10.63	10.55	10.6	13.87	13.8
0	322.6	5.7	5.64	5.675	10.58	10.51	10.55	13.83	13.77
0	322.6	5.688	5.634	5.667	10.53	10.48	10.5	13.85	13.74
0	322.6	5.688	5.634	5.66	10.49	10.41	10.46	13.84	13.77
0	322.6	5.724	5.661	5.687	10.44	10.36	10.4	13.8	13.75
0	322.6	5.736	5.691	5.713	10.38	10.33	10.35	13.82	13.76
0	322.6	5.827	5.733	5.776	10.34	10.28	10.31	13.82	13.73
0	322.6	5.929	5.821	5.862	10.29	10.24	10.27	13.79	13.73
0	322.6	6.037	5.92	5.966	10.25	10.19	10.22	13.78	13.72
0	322.6	6.153	6.028	6.082	10.2	10.14	10.18	13.74	13.7
0	322.6	6.27	6.153	6.203	10.16	10.09	10.13	13.74	13.68
0	322.6	6.363	6.255	6.305	10.14	10.07	10.1	13.72	13.67
0	322.6	6.494	6.348	6.401	10.1	10.05	10.07	13.72	13.63
0	322.6	6.568	6.482	6.507	10.06	10.01	10.04	13.69	13.65
0	322.6	6.654	6.553	6.597	10.04	9.98	10.01	13.67	13.65
0	322.6	6.779	6.622	6.702	10	9.96	9.98	13.67	13.64
0	322.6	6.921	6.779	6.841	9.98	9.94	9.96	13.65	13.57
0	322.6	7.134	6.921	7.018	9.99	9.93	9.96	13.64	13.58
0	322.6	7.388	7.134	7.228	9.95	9.92	9.94	13.63	13.59
0	322.6	7.634	7.382	7.49	9.93	9.89	9.92	13.63	13.56
0	322.6	7.983	7.634	7.787	9.92	9.88	9.91	13.6	13.55
0	322.6	8.32	7.968	8.11	9.94	9.87	9.9	13.59	13.51
0	322.6	8.69	8.32	8.48	9.94	9.87	9.9	13.57	13.52
0	322.6	9.09	8.69	8.87	9.91	9.86	9.89	13.56	13.51
0	322.6	9.49	9.09	9.27	9.92	9.86	9.9	13.56	13.5
0	322.6	9.94	9.49	9.69	9.93	9.88	9.91	13.53	13.49
0	322.6	10.36	9.94	10.12	9.96	9.89	9.93	13.52	13.47
0	322.6	10.83	10.36	10.56	10	9.93	9.95	13.52	13.45
0	322.6	11.21	10.83	10.99	10.01	9.95	9.98	13.51	13.45
0	322.6	11.61	11.21	11.39	10.03	9.99	10.01	13.52	13.43
0	322.6	11.97	11.61	11.78	10.1	10.03	10.06	13.47	13.38
0	322.6	12.3	11.97	12.09	10.15	10.08	10.12	13.46	13.41
0	322.6	12.42	12.28	12.35	10.22	10.13	10.17	13.45	13.4
0	322.6	12.64	12.42	12.54	10.3	10.2	10.24	13.44	13.38
0	322.6	12.8	12.64	12.71	10.37	10.28	10.32	13.42	13.38
0	322.6	12.94	12.8	12.85	10.45	10.35	10.4	13.42	13.37
0	322.6	13.08	12.94	13.01	10.54	10.45	10.49	13.42	13.37
0	322.6	13.24	13.08	13.17	10.63	10.54	10.58	13.39	13.35
0	322.6	13.4	13.23	13.31	10.73	10.61	10.67	13.38	13.32
0	322.6	13.5	13.36	13.44	10.8	10.69	10.75	13.36	13.31
0	322.6	13.58	13.5	13.54	10.89	10.79	10.84	13.36	13.31

0	322.6	13.63	13.58	13.6	10.99	10.88	10.93	13.34	13.3
0	322.6	13.68	13.63	13.65	11.09	10.99	11.02	13.34	13.29
0	322.6	13.71	13.65	13.67	11.18	11.05	11.12	13.34	13.25
0	322.6	13.76	13.69	13.73	11.28	11.18	11.21	13.31	13.28
0	322.6	13.83	13.74	13.79	11.34	11.24	11.3	13.3	13.25
0	322.6	13.89	13.82	13.86	11.44	11.34	11.38	13.3	13.26
0	322.6	14	13.89	13.93	11.51	11.42	11.46	13.29	13.25
0	322.6	14.01	13.96	13.98	11.6	11.49	11.55	13.27	13.22
0	322.6	14.05	14.01	14.03	11.68	11.59	11.63	13.26	13.23
0	322.6	14.06	14.01	14.04	11.77	11.67	11.71	13.27	13.22
0	322.6	14.05	13.98	14.02	11.84	11.74	11.79	13.26	13.23
0	322.6	14.03	13.98	14.01	11.91	11.8	11.86	13.25	13.22
0	322.6	14.01	13.93	13.97	11.97	11.87	11.91	13.25	13.19
0	322.6	13.96	13.87	13.93	12.04	11.97	12	13.25	13.19
0	322.6	13.9	13.83	13.87	12.14	12.01	12.07	13.25	13.2
0	322.6	13.84	13.75	13.79	12.17	12.1	12.13	13.24	13.17
0	322.6	13.76	13.67	13.72	12.23	12.15	12.19	13.24	13.17
0	322.6	13.68	13.59	13.63	12.31	12.19	12.25	13.24	13.18
0	322.6	13.6	13.46	13.54	12.35	12.24	12.3	13.22	13.15
0	322.6	13.47	13.38	13.44	12.39	12.32	12.35	13.22	13.18
0	322.6	13.4	13.26	13.33	12.44	12.35	12.4	13.21	13.18
0	322.6	13.29	13.14	13.22	12.5	12.42	12.45	13.21	13.17
0	322.6	13.16	13.01	13.1	12.51	12.44	12.48	13.21	13.17
0	322.6	13.01	12.91	12.97	12.55	12.49	12.52	13.23	13.16
0	322.6	12.92	12.77	12.85	12.59	12.54	12.56	13.21	13.17
0	322.6	12.78	12.65	12.72	12.61	12.55	12.58	13.22	13.17
0	322.6	12.68	12.49	12.59	12.63	12.58	12.61	13.2	13.16
0	322.6	12.53	12.38	12.45	12.66	12.59	12.63	13.22	13.17
0	322.6	12.38	12.26	12.32	12.67	12.6	12.64	13.22	13.17
0	322.6	12.27	12.12	12.19	12.68	12.63	12.65	13.22	13.18
0	322.6	12.13	11.97	12.05	12.68	12.63	12.66	13.21	13.17
0	322.6	11.99	11.85	11.92	12.69	12.63	12.67	13.21	13.18
0	322.6	11.86	11.72	11.79	12.7	12.65	12.68	13.22	13.2
0	322.6	11.74	11.56	11.66	12.7	12.66	12.68	13.23	13.2
0	322.6	11.61	11.44	11.53	12.68	12.65	12.67	13.23	13.19
0	322.6	11.48	11.34	11.4	12.68	12.65	12.67	13.24	13.19
0	322.6	11.34	11.2	11.28	12.69	12.63	12.66	13.25	13.19
0	322.6	11.2	11.08	11.14	12.7	12.62	12.66	13.25	13.2
0	322.6	11.09	10.97	11.02	12.66	12.6	12.64	13.26	13.19
0	322.6	10.99	10.83	10.9	12.65	12.61	12.62	13.26	13.2
0	322.6	10.83	10.72	10.78	12.63	12.59	12.61	13.25	13.22
0	322.6	10.74	10.59	10.67	12.63	12.56	12.59	13.26	13.18
0	322.6	10.6	10.46	10.54	12.58	12.53	12.56	13.26	13.22
0	322.6	10.49	10.35	10.43	12.56	12.51	12.53	13.26	13.23
0	322.6	10.39	10.27	10.33	12.55	12.49	12.52	13.27	13.24
0	322.6	10.27	10.14	10.21	12.53	12.47	12.5	13.27	13.23
0	322.6	10.15	10.02	10.1	12.47	12.45	12.46	13.28	13.25
0	322.6	10.04	9.93	9.99	12.47	12.42	12.44	13.29	13.23
0	322.6	9.93	9.81	9.88	12.44	12.37	12.41	13.31	13.25

0	322.6	9.82	9.71	9.77	12.4	12.36	12.38	13.31	13.25
0	322.6	9.74	9.61	9.67	12.39	12.32	12.35	13.29	13.24
0	322.6	9.64	9.5	9.57	12.37	12.3	12.33	13.28	13.25
0	322.6	9.5	9.38	9.46	12.31	12.26	12.3	13.3	13.26
0	322.6	9.42	9.29	9.36	12.28	12.23	12.25	13.32	13.26
0	322.6	9.3	9.2	9.26	12.27	12.18	12.23	13.32	13.27
0	322.6	9.21	9.09	9.15	12.22	12.15	12.19	13.33	13.26
0	322.6	9.11	9	9.06	12.17	12.13	12.15	13.32	13.28
0	322.6	9.01	8.89	8.96	12.13	12.08	12.1	13.33	13.25
0	322.6	8.9	8.8	8.85	12.09	12.05	12.06	13.36	13.28
0	322.6	8.8	8.68	8.75	12.08	12	12.03	13.33	13.29
0	322.6	8.7	8.6	8.65	12.01	11.95	11.98	13.35	13.28
0	322.6	8.61	8.5	8.56	11.97	11.93	11.95	13.33	13.29
0	322.6	8.52	8.39	8.46	11.93	11.84	11.9	13.35	13.29
0	322.6	8.41	8.31	8.37	11.89	11.83	11.86	13.35	13.29
0	322.6	8.34	8.2	8.27	11.83	11.8	11.82	13.35	13.3
0	322.6	8.22	8.09	8.17	11.81	11.74	11.77	13.36	13.31
0	322.6	8.11	8.01	8.08	11.78	11.71	11.74	13.34	13.31
0	322.6	8.04	7.921	7.985	11.74	11.65	11.69	13.36	13.31
0	322.6	7.965	7.851	7.91	11.67	11.62	11.65	13.34	13.3
0	322.6	7.892	7.752	7.82	11.64	11.56	11.6	13.34	13.29
0	322.6	7.787	7.675	7.733	11.58	11.53	11.56	13.38	13.3
0	322.6	7.711	7.579	7.661	11.53	11.48	11.52	13.36	13.3
0	322.6	7.611	7.523	7.569	11.5	11.44	11.47	13.35	13.31
0	322.6	7.57	7.429	7.48	11.46	11.4	11.43	13.35	13.29
0	322.6	7.452	7.329	7.392	11.44	11.36	11.39	13.35	13.29
0	322.6	7.373	7.273	7.325	11.37	11.32	11.34	13.34	13.3
0	322.6	7.296	7.178	7.24	11.32	11.28	11.3	13.36	13.32
0	322.6	7.232	7.111	7.168	11.3	11.23	11.26	13.35	13.31
0	322.6	7.137	7.051	7.086	11.25	11.16	11.21	13.36	13.28
0	322.6	7.051	6.972	7.008	11.2	11.16	11.18	13.36	13.31
0	322.6	7.007	6.901	6.947	11.18	11.1	11.14	13.36	13.3
0	322.6	6.901	6.829	6.864	11.12	11.07	11.09	13.36	13.3
0	322.6	6.85	6.74	6.799	11.11	11.03	11.07	13.38	13.32
0	322.6	6.767	6.687	6.729	11.05	10.98	11.02	13.36	13.32
0	322.6	6.708	6.628	6.668	11	10.92	10.98	13.36	13.32
0	322.6	6.648	6.547	6.604	10.98	10.9	10.94	13.37	13.28
0	322.6	6.583	6.497	6.546	10.95	10.88	10.91	13.35	13.3
0	322.6	6.521	6.431	6.479	10.89	10.84	10.87	13.33	13.28
0	322.6	6.461	6.366	6.43	10.86	10.81	10.84	13.33	13.28
0	322.6	6.398	6.327	6.364	10.81	10.77	10.79	13.34	13.27
0	322.6	6.339	6.252	6.298	10.78	10.71	10.75	13.32	13.26
0	322.6	6.3	6.198	6.254	10.74	10.67	10.71	13.31	13.28
0	322.6	6.228	6.147	6.188	10.69	10.64	10.68	13.31	13.27
0	322.6	6.189	6.067	6.131	10.66	10.61	10.63	13.32	13.26
0	322.6	6.106	6.034	6.079	10.61	10.56	10.59	13.3	13.22
0	322.6	6.061	5.98	6.029	10.58	10.5	10.55	13.31	13.27
0	322.6	6.019	5.944	5.985	10.53	10.47	10.5	13.3	13.25
0	322.6	6.016	5.887	5.941	10.49	10.42	10.46	13.3	13.24

0	322.6	5.902	5.842	5.875	10.45	10.38	10.42	13.28	13.22
0	322.6	5.872	5.812	5.842	10.4	10.35	10.38	13.28	13.23
0	322.6	5.833	5.784	5.812	10.35	10.31	10.34	13.31	13.23
0	322.6	5.821	5.754	5.785	10.34	10.27	10.3	13.28	13.22
0	322.6	5.803	5.703	5.765	10.28	10.21	10.26	13.25	13.23
0	322.6	5.791	5.73	5.764	10.25	10.19	10.22	13.26	13.22
0	322.6	5.806	5.724	5.764	10.2	10.16	10.18	13.26	13.2
0	322.6	5.784	5.727	5.764	10.18	10.12	10.15	13.26	13.21
0	322.6	5.8	5.745	5.778	10.15	10.08	10.12	13.27	13.19
0	322.6	5.854	5.781	5.822	10.1	10.04	10.08	13.25	13.2
0	322.6	5.914	5.848	5.87	10.08	10.02	10.04	13.24	13.19
0	322.6	5.992	5.914	5.942	10.04	9.98	10.02	13.24	13.18
0	322.6	6.127	5.992	6.051	10	9.92	9.98	13.24	13.19
0	322.6	6.339	6.097	6.204	9.98	9.91	9.96	13.22	13.17
0	322.6	6.518	6.339	6.408	9.95	9.91	9.93	13.22	13.18
0	322.6	6.779	6.518	6.646	9.93	9.89	9.91	13.2	13.14
0	322.6	7.096	6.779	6.916	9.9	9.85	9.88	13.18	13.15
0	322.6	7.396	7.096	7.215	9.91	9.85	9.87	13.19	13.13
0	322.6	7.763	7.396	7.539	9.86	9.82	9.85	13.18	13.14
0	322.6	8.09	7.763	7.889	9.85	9.82	9.83	13.16	13.12
0	322.6	8.47	8.09	8.24	9.85	9.8	9.82	13.16	13.1
0	322.6	8.84	8.47	8.64	9.84	9.79	9.82	13.14	13.08
0	322.6	9.26	8.84	9.04	9.85	9.81	9.83	13.11	13.08
0	322.6	9.67	9.26	9.44	9.86	9.8	9.83	13.1	13.07
0	322.6	10.05	9.67	9.85	9.86	9.82	9.84	13.09	13.07
0	322.6	10.47	10.05	10.25	9.89	9.84	9.87	13.1	13.03
0	322.6	10.91	10.47	10.67	9.93	9.86	9.89	13.09	13.02
0	322.6	11.31	10.91	11.09	9.96	9.89	9.93	13.05	12.99
0	322.6	11.75	11.31	11.5	10.01	9.94	9.98	13.04	12.99
0	322.6	12.16	11.75	11.92	10.07	10.01	10.03	13.03	12.99
0	322.6	12.5	12.16	12.33	10.14	10.05	10.09	13.01	12.98
0	322.6	12.97	12.5	12.74	10.21	10.11	10.16	13	12.97
0	322.6	13.37	12.97	13.14	10.28	10.18	10.22	13	12.94
0	322.6	13.74	13.37	13.54	10.36	10.28	10.31	12.98	12.91
0	322.6	14.08	13.74	13.91	10.45	10.36	10.4	12.97	12.93
0	322.6	14.4	14.08	14.24	10.54	10.44	10.48	12.95	12.92
0	322.6	14.62	14.4	14.51	10.63	10.54	10.58	12.94	12.9
0	322.6	14.83	14.62	14.73	10.74	10.63	10.68	12.94	12.9
0	322.6	14.98	14.82	14.89	10.87	10.74	10.8	12.92	12.89
0	322.6	15.09	14.98	15.03	10.99	10.86	10.91	12.94	12.87
0	322.6	15.2	15.09	15.13	11.08	10.97	11.02	12.92	12.86
0	322.6	15.32	15.19	15.24	11.22	11.08	11.14	12.9	12.84
0	322.6	15.41	15.3	15.35	11.33	11.22	11.26	12.89	12.85
0	322.6	15.53	15.41	15.45	11.44	11.31	11.38	12.89	12.84
0	322.6	15.58	15.51	15.53	11.58	11.42	11.5	12.86	12.84
0	322.6	15.64	15.57	15.6	11.69	11.58	11.62	12.85	12.82
0	322.6	15.65	15.61	15.63	11.81	11.66	11.74	12.85	12.81
0	322.6	15.66	15.62	15.64	11.92	11.8	11.86	12.84	12.81
0	322.6	15.7	15.64	15.66	12.02	11.91	11.97	12.83	12.81

0	322.6	15.7	15.64	15.67	12.13	12.01	12.07	12.83	12.79
0	322.6	15.76	15.69	15.72	12.21	12.13	12.16	12.83	12.78
0	322.6	15.84	15.76	15.79	12.31	12.21	12.25	12.84	12.79
0	322.6	15.86	15.79	15.84	12.43	12.29	12.34	12.82	12.76
0	322.6	15.91	15.86	15.88	12.49	12.39	12.43	12.81	12.77
0	322.6	15.92	15.88	15.9	12.6	12.46	12.51	12.83	12.77
0	322.6	15.93	15.89	15.91	12.67	12.56	12.6	12.81	12.77
0	322.6	15.93	15.83	15.88	12.73	12.64	12.68	12.81	12.77
0	322.6	15.87	15.81	15.84	12.81	12.72	12.77	12.81	12.76
0	322.6	15.84	15.75	15.8	12.91	12.78	12.84	12.81	12.77
0	322.6	15.79	15.69	15.73	12.94	12.86	12.91	12.8	12.77
0	322.6	15.7	15.57	15.65	13.01	12.94	12.98	12.81	12.78
0	322.6	15.62	15.51	15.58	13.08	13	13.04	12.81	12.77
0	322.6	15.54	15.43	15.48	13.14	13.08	13.1	12.8	12.77
0	322.6	15.43	15.3	15.37	13.18	13.13	13.15	12.81	12.76
0	322.6	15.31	15.19	15.27	13.22	13.16	13.2	12.82	12.77
0	322.6	15.2	15.07	15.16	13.3	13.22	13.25	12.81	12.78
0	322.6	15.1	14.99	15.04	13.33	13.27	13.29	12.84	12.77
0	322.6	14.99	14.83	14.91	13.36	13.3	13.33	12.83	12.78
0	322.6	14.84	14.7	14.78	13.41	13.33	13.37	12.83	12.78
0	322.6	14.72	14.58	14.65	13.44	13.38	13.4	12.84	12.77
0	322.6	14.61	14.45	14.52	13.46	13.43	13.44	12.84	12.8
0	322.6	14.46	14.29	14.39	13.5	13.44	13.47	12.88	12.81
0	322.6	14.29	14.17	14.24	13.54	13.47	13.5	12.88	12.81
0	322.6	14.17	14.03	14.11	13.54	13.48	13.52	12.85	12.83
0	322.6	14.05	13.89	13.97	13.55	13.49	13.53	12.87	12.83
0	322.6	13.89	13.76	13.83	13.56	13.53	13.54	12.87	12.84
0	322.6	13.76	13.62	13.7	13.6	13.54	13.56	12.88	12.84
0	322.6	13.62	13.46	13.55	13.59	13.54	13.56	12.89	12.84
0	322.6	13.46	13.32	13.4	13.59	13.55	13.57	12.9	12.82
0	322.6	13.34	13.19	13.27	13.59	13.55	13.57	12.91	12.86
0	322.6	13.21	13.06	13.13	13.58	13.51	13.56	12.91	12.88
0	322.6	13.08	12.88	13	13.57	13.54	13.56	12.92	12.88
0	322.6	12.95	12.78	12.86	13.57	13.55	13.56	12.93	12.9
0	322.6	12.79	12.67	12.73	13.57	13.52	13.55	12.95	12.89
0	322.6	12.68	12.51	12.6	13.57	13.52	13.54	12.96	12.9
0	322.6	12.55	12.41	12.47	13.54	13.5	13.52	12.98	12.92
0	322.6	12.41	12.27	12.35	13.53	13.47	13.5	12.97	12.93
0	322.6	12.28	12.14	12.21	13.51	13.47	13.49	12.97	12.9
0	322.6	12.16	12.03	12.09	13.5	13.44	13.47	12.99	12.94
0	322.6	12.03	11.89	11.97	13.46	13.43	13.45	13	12.94
0	322.6	11.91	11.76	11.85	13.45	13.4	13.43	13.01	12.95
0	322.6	11.79	11.66	11.74	13.42	13.38	13.4	13.02	12.97
0	322.6	11.67	11.55	11.61	13.4	13.35	13.38	13.03	13
0	322.6	11.55	11.44	11.5	13.37	13.33	13.34	13.05	12.98

Deg C	kpa	%	%	%	freq	freq	freq	volts	volts
Soil T	Vapor	Vol Wtr	Vol Wtr	Vol Wtr	TDR	TDR	TDR	Max Bat	Min Bat
3rd Sen	Pres	Cont 1	Cont 2	Cont 3	#1	#2	#3	Volts	Volts
14.85	0.258	0.05	0.047	0.054	2.029	2.001	2.042	13	13
14.85	0.259	0.05	0.047	0.054	2.029	2.001	2.042	13	12.99
14.85	0.262	0.05	0.047	0.054	2.029	2.001	2.042	13	12.99
14.85	0.265	0.05	0.047	0.054	2.029	2	2.042	12.99	12.72
14.86	0.266	0.05	0.047	0.054	2.029	2	2.042	12.98	12.93
14.86	0.268	0.05	0.047	0.054	2.028	2	2.042	12.98	12.98
14.86	0.271	0.05	0.047	0.054	2.028	2	2.042	12.98	12.97
14.86	0.273	0.05	0.047	0.054	2.028	2	2.042	12.98	12.97
14.87	0.274	0.05	0.047	0.054	2.028	2	2.042	12.97	12.97
14.86	0.281	0.05	0.047	0.054	2.028	2	2.042	12.97	12.67
14.87	0.283	0.05	0.046	0.054	2.028	1.998	2.042	12.95	12.91
14.87	0.281	0.05	0.046	0.054	2.028	1.998	2.042	12.95	12.95
14.87	0.28	0.05	0.046	0.054	2.028	1.998	2.042	12.95	12.95
14.88	0.28	0.049	0.046	0.054	2.027	1.998	2.042	12.96	12.94
14.86	0.28	0.049	0.046	0.054	2.027	1.998	2.042	12.95	12.94
14.87	0.279	0.049	0.046	0.054	2.027	1.998	2.042	12.95	12.69
14.85	0.28	0.049	0.046	0.054	2.027	1.997	2.042	12.94	12.89
14.86	0.28	0.049	0.046	0.054	2.027	1.997	2.042	12.94	12.94
14.86	0.277	0.049	0.046	0.054	2.027	1.997	2.042	12.94	12.92
14.87	0.278	0.049	0.046	0.054	2.027	1.997	2.042	12.93	12.92
14.86	0.284	0.049	0.046	0.054	2.027	1.997	2.042	12.93	12.92
14.84	0.283	0.049	0.046	0.054	2.026	1.997	2.042	12.93	12.61
14.86	0.288	0.049	0.046	0.054	2.026	1.996	2.042	12.9	12.86
14.84	0.302	0.049	0.046	0.054	2.026	1.996	2.042	12.9	12.89
14.84	0.298	0.049	0.046	0.054	2.026	1.996	2.042	12.89	12.89
14.84	0.293	0.049	0.046	0.054	2.026	1.996	2.042	12.89	12.88
14.84	0.29	0.049	0.046	0.054	2.026	1.996	2.042	12.88	12.87
14.84	0.287	0.049	0.046	0.054	2.026	1.995	2.042	12.88	12.62
14.83	0.285	0.049	0.046	0.054	2.026	1.995	2.042	12.86	12.81
14.82	0.285	0.049	0.046	0.054	2.025	1.995	2.042	12.86	12.85
14.81	0.287	0.049	0.046	0.054	2.024	1.995	2.042	12.85	12.84
14.81	0.287	0.049	0.046	0.054	2.024	1.995	2.042	12.85	12.84
14.8	0.286	0.049	0.046	0.054	2.024	1.995	2.042	12.84	12.83
14.79	0.286	0.049	0.046	0.054	2.024	1.995	2.042	12.84	12.52
14.79	0.285	0.049	0.046	0.054	2.024	1.994	2.042	12.81	12.76
14.77	0.292	0.049	0.046	0.054	2.024	1.994	2.042	12.81	12.8
14.77	0.294	0.049	0.046	0.054	2.024	1.994	2.042	12.8	12.79
14.76	0.29	0.049	0.046	0.054	2.023	1.994	2.042	12.8	12.79
14.75	0.289	0.049	0.046	0.054	2.023	1.994	2.042	12.79	12.76
14.74	0.291	0.049	0.046	0.054	2.023	1.994	2.042	12.77	12.47
14.73	0.291	0.049	0.046	0.054	2.023	1.993	2.042	12.75	12.7
14.73	0.291	0.049	0.046	0.054	2.023	1.993	2.042	12.75	12.74
14.72	0.291	0.049	0.046	0.054	2.023	1.993	2.042	12.74	12.73
14.71	0.291	0.049	0.046	0.054	2.023	1.993	2.042	12.73	12.72
14.7	0.29	0.049	0.046	0.054	2.022	1.993	2.042	12.72	12.71

14.69	0.292	0.049	0.045	0.054	2.022	1.992	2.042	12.72	12.42
14.66	0.291	0.049	0.045	0.054	2.022	1.992	2.042	12.72	12.65
14.67	0.294	0.049	0.045	0.054	2.022	1.992	2.042	12.73	12.72
14.66	0.3	0.049	0.045	0.054	2.022	1.992	2.042	12.74	12.73
14.65	0.311	0.049	0.045	0.054	2.022	1.992	2.041	12.77	12.74
14.63	0.317	0.048	0.045	0.054	2.021	1.991	2.041	12.79	12.77
14.62	0.336	0.048	0.045	0.054	2.021	1.991	2.041	12.84	12.5
14.61	0.344	0.048	0.045	0.054	2.021	1.99	2.041	12.92	12.74
14.6	0.342	0.048	0.045	0.054	2.021	1.99	2.041	13.97	12.93
14.58	0.315	0.048	0.045	0.054	2.021	1.99	2.041	14.62	13.96
14.58	0.304	0.048	0.045	0.054	2.021	1.99	2.041	14.63	14.56
14.57	0.297	0.048	0.045	0.054	2.02	1.99	2.041	14.61	14.54
14.58	0.294	0.048	0.045	0.054	2.02	1.989	2.041	14.61	13.88
14.56	0.279	0.048	0.045	0.054	2.02	1.989	2.041	14.58	14.45
14.57	0.274	0.048	0.045	0.054	2.02	1.989	2.041	14.54	14.44
14.54	0.274	0.048	0.045	0.054	2.02	1.989	2.04	14.52	14.41
14.54	0.277	0.048	0.045	0.054	2.02	1.989	2.04	14.48	14.35
14.52	0.27	0.048	0.045	0.054	2.019	1.989	2.04	14.45	14.35
14.5	0.265	0.048	0.045	0.054	2.019	1.989	2.04	14.44	13.58
14.5	0.268	0.048	0.045	0.054	2.019	1.989	2.04	14.42	14.3
14.49	0.261	0.048	0.045	0.054	2.019	1.988	2.04	14.37	14.29
14.47	0.263	0.048	0.045	0.054	2.019	1.988	2.04	14.37	14.27
14.47	0.262	0.048	0.045	0.053	2.019	1.988	2.039	14.33	13.7
14.44	0.264	0.048	0.045	0.053	2.019	1.988	2.039	13.73	13.65
14.43	0.25	0.048	0.045	0.053	2.019	1.988	2.039	13.72	13.35
14.41	0.26	0.048	0.045	0.053	2.019	1.988	2.039	13.71	13.61
14.39	0.279	0.048	0.045	0.053	2.019	1.988	2.039	13.73	13.62
14.38	0.283	0.048	0.045	0.053	2.019	1.987	2.039	13.73	13.65
14.36	0.288	0.048	0.045	0.053	2.019	1.987	2.039	13.73	13.65
14.35	0.289	0.048	0.045	0.053	2.019	1.987	2.039	13.73	13.65
14.34	0.299	0.048	0.045	0.053	2.019	1.987	2.039	13.73	13.23
14.32	0.295	0.048	0.045	0.053	2.02	1.987	2.039	13.73	13.62
14.3	0.294	0.048	0.045	0.053	2.02	1.987	2.038	13.74	13.65
14.29	0.292	0.048	0.045	0.053	2.02	1.987	2.038	13.73	13.66
14.27	0.289	0.048	0.045	0.053	2.02	1.987	2.038	13.72	13.59
14.26	0.281	0.048	0.045	0.053	2.02	1.988	2.038	13.65	13.59
14.23	0.29	0.048	0.045	0.053	2.02	1.988	2.038	13.6	13.15
14.22	0.276	0.048	0.045	0.053	2.02	1.988	2.038	13.61	13.45
14.2	0.272	0.048	0.045	0.053	2.021	1.988	2.038	13.66	13.53
14.18	0.278	0.048	0.045	0.053	2.021	1.988	2.038	13.66	13.54
14.17	0.283	0.048	0.045	0.053	2.021	1.988	2.038	13.66	13.54
14.14	0.275	0.048	0.045	0.053	2.021	1.988	2.038	13.61	13.54
14.13	0.272	0.048	0.045	0.053	2.021	1.989	2.037	13.6	13.12
14.12	0.269	0.048	0.045	0.053	2.021	1.989	2.037	13.66	13.5
14.1	0.266	0.049	0.045	0.053	2.022	1.989	2.037	13.66	13.56
14.08	0.264	0.049	0.045	0.053	2.022	1.989	2.037	13.66	13.59
14.07	0.255	0.049	0.045	0.053	2.022	1.99	2.037	13.66	13.59
14.05	0.262	0.049	0.045	0.053	2.022	1.99	2.036	13.66	13.6
14.03	0.256	0.049	0.045	0.053	2.022	1.99	2.037	13.72	13.17

14.02	0.241	0.049	0.045	0.053	2.022	1.991	2.037	13.78	13.66
14.01	0.234	0.049	0.045	0.053	2.023	1.992	2.036	13.78	13.72
14	0.227	0.049	0.045	0.053	2.023	1.992	2.036	13.78	13.71
13.98	0.226	0.049	0.045	0.053	2.023	1.992	2.036	13.77	13.7
13.97	0.215	0.049	0.046	0.053	2.023	1.992	2.036	13.77	13.7
13.97	0.211	0.049	0.046	0.053	2.023	1.993	2.036	13.77	13.16
13.96	0.241	0.049	0.046	0.053	2.023	1.993	2.036	13.82	13.73
13.94	0.244	0.049	0.046	0.053	2.023	1.993	2.036	13.84	13.75
13.93	0.235	0.049	0.046	0.053	2.023	1.993	2.037	13.83	13.79
13.92	0.234	0.049	0.046	0.053	2.024	1.994	2.037	13.89	13.79
13.92	0.244	0.049	0.046	0.053	2.024	1.994	2.037	13.89	13.82
13.89	0.233	0.049	0.046	0.053	2.024	1.994	2.037	13.95	13.1
13.89	0.235	0.049	0.046	0.053	2.024	1.994	2.037	14.01	13.92
13.89	0.236	0.049	0.046	0.053	2.024	1.994	2.037	14.01	13.96
13.89	0.234	0.049	0.046	0.053	2.024	1.995	2.037	14.06	13.96
13.89	0.225	0.049	0.046	0.053	2.024	1.995	2.037	14.14	13.41
13.88	0.226	0.049	0.046	0.053	2.024	1.995	2.037	14.11	13.22
13.88	0.22	0.049	0.046	0.053	2.025	1.995	2.037	13.21	13.01
13.87	0.225	0.049	0.046	0.053	2.026	1.995	2.037	13.17	13.15
13.87	0.222	0.049	0.046	0.053	2.026	1.995	2.037	13.16	13.15
13.86	0.225	0.049	0.046	0.053	2.026	1.995	2.037	13.15	13.14
13.86	0.228	0.049	0.046	0.053	2.026	1.995	2.037	13.15	13.13
13.86	0.23	0.049	0.046	0.053	2.026	1.995	2.037	13.14	13.13
13.86	0.237	0.049	0.046	0.053	2.026	1.996	2.037	13.13	12.89
13.85	0.241	0.049	0.046	0.053	2.026	1.996	2.037	13.12	13.08
13.86	0.244	0.049	0.046	0.053	2.026	1.996	2.037	13.11	13.11
13.86	0.247	0.049	0.046	0.053	2.026	1.996	2.038	13.11	13.1
13.86	0.25	0.049	0.046	0.053	2.026	1.996	2.038	13.11	13.1
13.87	0.253	0.049	0.046	0.053	2.026	1.996	2.038	13.1	13.09
13.85	0.254	0.049	0.046	0.053	2.026	1.996	2.038	13.09	12.89
13.85	0.254	0.049	0.046	0.053	2.026	1.996	2.038	13.08	13.04
13.86	0.255	0.049	0.046	0.053	2.026	1.996	2.038	13.08	13.07
13.87	0.254	0.049	0.046	0.053	2.026	1.996	2.038	13.07	13.07
13.87	0.256	0.049	0.046	0.053	2.026	1.996	2.038	13.07	13.06
13.87	0.252	0.049	0.046	0.053	2.026	1.996	2.038	13.06	13.06
13.88	0.25	0.049	0.046	0.053	2.026	1.996	2.038	13.06	12.81
13.89	0.248	0.049	0.046	0.053	2.026	1.996	2.038	13.05	13
13.88	0.24	0.049	0.046	0.053	2.026	1.996	2.038	13.04	13.04
13.88	0.244	0.049	0.046	0.053	2.026	1.996	2.038	13.04	13.03
13.9	0.235	0.049	0.046	0.053	2.026	1.996	2.038	13.03	13.03
13.9	0.237	0.049	0.046	0.053	2.026	1.996	2.038	13.03	13.02
13.9	0.235	0.049	0.046	0.053	2.025	1.996	2.038	13.03	12.78
13.91	0.231	0.049	0.046	0.053	2.024	1.995	2.038	13.02	12.97
13.91	0.229	0.049	0.046	0.053	2.024	1.995	2.038	13.02	13.02
13.92	0.228	0.049	0.046	0.053	2.024	1.995	2.038	13.02	13.01
13.93	0.226	0.049	0.046	0.053	2.024	1.995	2.038	13.01	13
13.94	0.222	0.049	0.046	0.053	2.024	1.995	2.038	13	13
13.94	0.227	0.049	0.046	0.053	2.024	1.995	2.038	13	12.76
13.93	0.221	0.049	0.046	0.053	2.024	1.995	2.038	12.99	12.94

13.94	0.218	0.049	0.046	0.053	2.024	1.995	2.039	12.99	12.98
13.95	0.218	0.049	0.046	0.053	2.024	1.995	2.039	12.99	12.98
13.95	0.223	0.049	0.046	0.053	2.024	1.995	2.039	12.98	12.97
13.95	0.22	0.049	0.046	0.053	2.024	1.995	2.039	12.97	12.97
13.96	0.222	0.049	0.046	0.053	2.024	1.994	2.039	12.97	12.72
13.97	0.221	0.049	0.046	0.053	2.024	1.994	2.039	12.96	12.91
13.97	0.223	0.049	0.046	0.053	2.024	1.994	2.039	12.96	12.95
13.98	0.219	0.049	0.046	0.053	2.024	1.994	2.039	12.96	12.95
13.97	0.217	0.049	0.046	0.053	2.023	1.994	2.039	12.95	12.95
13.97	0.221	0.049	0.046	0.053	2.023	1.994	2.039	12.95	12.94
13.97	0.22	0.049	0.046	0.053	2.023	1.994	2.039	12.94	12.66
13.99	0.218	0.049	0.046	0.053	2.023	1.994	2.039	12.93	12.88
13.98	0.217	0.049	0.046	0.053	2.023	1.993	2.039	12.93	12.91
13.99	0.217	0.049	0.046	0.053	2.023	1.993	2.039	12.92	12.91
13.99	0.221	0.049	0.046	0.053	2.023	1.993	2.039	12.91	12.9
13.99	0.223	0.049	0.046	0.053	2.023	1.993	2.039	12.9	12.9
14	0.223	0.049	0.046	0.053	2.023	1.993	2.039	12.9	12.61
13.99	0.225	0.049	0.046	0.053	2.022	1.993	2.039	12.89	12.84
13.99	0.225	0.049	0.046	0.053	2.022	1.993	2.039	12.89	12.88
13.99	0.224	0.049	0.045	0.053	2.022	1.992	2.039	12.88	12.87
14.01	0.223	0.049	0.045	0.054	2.022	1.992	2.04	12.87	12.86
14	0.225	0.049	0.045	0.054	2.022	1.992	2.04	12.87	12.86
14	0.225	0.049	0.045	0.054	2.022	1.992	2.04	12.86	12.59
14	0.231	0.049	0.045	0.053	2.022	1.992	2.039	12.84	12.8
13.99	0.234	0.049	0.045	0.053	2.022	1.992	2.039	12.84	12.83
14	0.238	0.049	0.045	0.053	2.022	1.992	2.039	12.83	12.82
13.99	0.237	0.048	0.045	0.053	2.021	1.992	2.039	12.82	12.82
13.99	0.242	0.048	0.045	0.053	2.021	1.991	2.039	12.82	12.81
13.99	0.243	0.048	0.045	0.053	2.021	1.99	2.039	12.81	12.51
13.99	0.244	0.048	0.045	0.053	2.021	1.99	2.039	12.79	12.74
13.98	0.245	0.048	0.045	0.053	2.021	1.99	2.039	12.79	12.77
13.98	0.247	0.048	0.045	0.053	2.021	1.99	2.039	12.77	12.76
13.98	0.248	0.048	0.045	0.053	2.021	1.99	2.039	12.76	12.75
13.97	0.248	0.048	0.045	0.053	2.021	1.99	2.039	12.75	12.74
13.96	0.249	0.048	0.045	0.053	2.021	1.989	2.039	12.75	12.46
13.96	0.249	0.048	0.045	0.053	2.02	1.989	2.039	12.73	12.68
13.96	0.251	0.048	0.045	0.053	2.02	1.989	2.039	12.73	12.72
13.95	0.25	0.048	0.045	0.053	2.02	1.989	2.039	12.72	12.71
13.95	0.253	0.048	0.045	0.053	2.02	1.989	2.039	12.72	12.71
13.94	0.253	0.048	0.045	0.053	2.02	1.989	2.039	12.71	12.7
13.94	0.254	0.048	0.045	0.053	2.02	1.989	2.039	12.71	12.45
13.93	0.254	0.048	0.045	0.053	2.02	1.988	2.039	12.7	12.64
13.93	0.256	0.048	0.045	0.053	2.02	1.988	2.039	12.7	12.69
13.91	0.257	0.048	0.045	0.053	2.02	1.988	2.039	12.7	12.69
13.91	0.257	0.048	0.045	0.053	2.019	1.988	2.039	12.7	12.69
13.92	0.257	0.048	0.045	0.053	2.019	1.988	2.039	12.69	12.67
13.9	0.257	0.048	0.045	0.053	2.019	1.988	2.039	12.69	12.41
13.9	0.26	0.048	0.045	0.053	2.019	1.988	2.039	12.7	12.63
13.89	0.263	0.048	0.045	0.053	2.019	1.987	2.039	12.71	12.69

13.88	0.267	0.048	0.045	0.053	2.019	1.987	2.039	12.72	12.71
13.88	0.275	0.048	0.045	0.053	2.019	1.987	2.039	12.74	12.72
13.87	0.287	0.048	0.045	0.053	2.019	1.987	2.039	12.77	12.74
13.85	0.302	0.048	0.045	0.053	2.018	1.987	2.039	12.8	12.45
13.84	0.321	0.048	0.045	0.053	2.018	1.987	2.039	12.97	12.7
13.84	0.332	0.048	0.045	0.053	2.018	1.987	2.039	13.91	12.99
13.82	0.351	0.048	0.045	0.053	2.018	1.987	2.039	14.44	13.91
13.82	0.324	0.048	0.045	0.053	2.018	1.987	2.038	14.61	14.39
13.83	0.303	0.048	0.045	0.053	2.018	1.987	2.038	14.61	14.53
13.81	0.285	0.048	0.044	0.053	2.018	1.986	2.038	14.59	13.85
13.8	0.286	0.048	0.044	0.053	2.018	1.986	2.038	14.53	14.41
13.81	0.286	0.048	0.044	0.053	2.017	1.986	2.038	14.48	14.39
13.78	0.295	0.048	0.044	0.053	2.016	1.986	2.038	14.46	14.39
13.78	0.299	0.048	0.044	0.053	2.016	1.986	2.038	14.49	14.41
13.77	0.298	0.048	0.044	0.053	2.016	1.986	2.038	14.56	13.91
13.77	0.3	0.048	0.044	0.053	2.016	1.986	2.038	13.89	13.31
13.75	0.301	0.048	0.044	0.053	2.016	1.985	2.038	13.52	13.47
13.73	0.306	0.048	0.044	0.053	2.016	1.985	2.038	13.7	13.47
13.71	0.317	0.048	0.044	0.053	2.016	1.985	2.037	14.69	13.69
13.7	0.324	0.048	0.044	0.053	2.016	1.985	2.037	14.66	13.99
13.69	0.311	0.048	0.044	0.053	2.016	1.985	2.037	14.02	13.92
13.68	0.304	0.048	0.044	0.053	2.016	1.985	2.037	13.95	13.43
13.66	0.3	0.048	0.044	0.053	2.016	1.985	2.037	13.87	13.79
13.65	0.302	0.048	0.044	0.053	2.016	1.985	2.037	13.84	13.72
13.63	0.304	0.048	0.044	0.053	2.016	1.985	2.037	13.76	13.6
13.61	0.313	0.048	0.044	0.053	2.016	1.985	2.037	13.67	13.59
13.6	0.334	0.048	0.044	0.053	2.016	1.985	2.036	13.67	13.56
13.59	0.344	0.048	0.044	0.053	2.016	1.985	2.036	13.65	13.19
13.57	0.347	0.048	0.044	0.053	2.016	1.985	2.036	13.6	13.48
13.56	0.351	0.048	0.044	0.053	2.016	1.984	2.036	13.61	13.48
13.55	0.346	0.048	0.044	0.053	2.016	1.984	2.036	13.58	13.47
13.54	0.337	0.048	0.044	0.053	2.016	1.984	2.036	13.54	13.47
13.53	0.337	0.048	0.044	0.053	2.016	1.984	2.036	13.58	13.48
13.52	0.314	0.048	0.044	0.053	2.016	1.984	2.036	13.58	13.13
13.51	0.331	0.048	0.044	0.053	2.016	1.984	2.036	13.6	13.46
13.49	0.325	0.048	0.044	0.053	2.016	1.984	2.036	13.6	13.51
13.48	0.327	0.048	0.044	0.053	2.017	1.985	2.036	13.6	13.52
13.47	0.312	0.048	0.044	0.053	2.018	1.985	2.036	13.61	13.51
13.45	0.315	0.048	0.044	0.053	2.018	1.985	2.035	13.6	13.53
13.44	0.308	0.048	0.044	0.053	2.018	1.985	2.034	13.6	13.11
13.42	0.307	0.048	0.044	0.053	2.018	1.985	2.034	13.66	13.53
13.42	0.302	0.048	0.044	0.053	2.018	1.985	2.034	13.66	13.53
13.4	0.317	0.048	0.044	0.053	2.018	1.985	2.034	13.66	13.59
13.39	0.304	0.048	0.044	0.053	2.019	1.986	2.034	13.66	13.59
13.39	0.305	0.048	0.044	0.053	2.019	1.986	2.034	13.66	13.56
13.37	0.304	0.048	0.044	0.053	2.019	1.986	2.034	13.66	13.15
13.35	0.3	0.048	0.044	0.053	2.019	1.986	2.034	13.72	13.6
13.34	0.293	0.048	0.044	0.052	2.019	1.986	2.034	13.72	13.6
13.34	0.288	0.048	0.045	0.052	2.019	1.987	2.034	13.71	13.6

13.32	0.276	0.048	0.045	0.052	2.019	1.987	2.034	13.71	13.64
13.32	0.273	0.048	0.045	0.053	2.019	1.987	2.034	13.72	13.66
13.3	0.283	0.048	0.045	0.053	2.019	1.987	2.034	13.77	13.18
13.29	0.285	0.048	0.045	0.052	2.02	1.987	2.034	13.77	13.69
13.28	0.281	0.048	0.045	0.053	2.02	1.988	2.034	13.77	13.71
13.28	0.288	0.048	0.045	0.053	2.02	1.988	2.034	13.82	13.72
13.27	0.283	0.048	0.045	0.053	2.02	1.988	2.034	13.82	13.75
13.25	0.278	0.048	0.045	0.053	2.02	1.988	2.034	13.88	13.78
13.25	0.281	0.048	0.045	0.053	2.02	1.988	2.034	13.88	13.09
13.24	0.282	0.048	0.045	0.053	2.02	1.989	2.034	13.88	13.85
13.24	0.288	0.048	0.045	0.053	2.02	1.989	2.034	13.94	13.85
13.24	0.288	0.048	0.045	0.053	2.021	1.989	2.034	14	13.88
13.23	0.286	0.048	0.045	0.053	2.021	1.989	2.034	14.01	13.31
13.23	0.288	0.048	0.045	0.053	2.021	1.989	2.034	13.33	13.23
13.22	0.29	0.048	0.045	0.053	2.021	1.989	2.034	13.24	12.98
13.21	0.292	0.048	0.045	0.053	2.021	1.99	2.034	13.18	13.15
13.22	0.29	0.048	0.045	0.053	2.021	1.99	2.034	13.17	13.16
13.2	0.288	0.048	0.045	0.053	2.021	1.99	2.034	13.16	13.15
13.2	0.286	0.048	0.045	0.053	2.021	1.99	2.034	13.15	13.14
13.2	0.286	0.048	0.045	0.053	2.021	1.99	2.034	13.14	13.13
13.19	0.285	0.048	0.045	0.053	2.021	1.99	2.034	13.14	12.91
13.19	0.29	0.048	0.045	0.053	2.021	1.99	2.034	13.13	13.1
13.19	0.292	0.048	0.045	0.053	2.021	1.99	2.034	13.12	13.11
13.2	0.295	0.048	0.045	0.053	2.021	1.991	2.034	13.12	13.11
13.19	0.294	0.048	0.045	0.053	2.021	1.992	2.034	13.11	13.11
13.19	0.295	0.048	0.045	0.053	2.021	1.992	2.034	13.11	13.1
13.18	0.294	0.048	0.045	0.053	2.021	1.992	2.034	13.11	12.87
13.19	0.295	0.048	0.045	0.053	2.021	1.992	2.034	13.1	13.06
13.2	0.292	0.049	0.045	0.053	2.022	1.992	2.034	13.09	13.08
13.2	0.294	0.049	0.045	0.053	2.022	1.992	2.034	13.08	13.07
13.2	0.295	0.049	0.045	0.053	2.022	1.992	2.034	13.08	13.07
13.2	0.294	0.049	0.045	0.053	2.022	1.992	2.034	13.07	13.07
13.21	0.293	0.048	0.045	0.053	2.021	1.992	2.034	13.07	12.84
13.21	0.293	0.048	0.045	0.053	2.021	1.992	2.034	13.06	13.02
13.21	0.294	0.048	0.045	0.053	2.021	1.992	2.034	13.06	13.05
13.21	0.293	0.048	0.045	0.053	2.021	1.992	2.035	13.05	13.04
13.22	0.293	0.048	0.045	0.053	2.021	1.992	2.035	13.04	13.04
13.22	0.29	0.048	0.045	0.053	2.021	1.992	2.036	13.04	13.03
13.23	0.29	0.048	0.045	0.053	2.021	1.992	2.036	13.03	12.78
13.24	0.29	0.048	0.045	0.053	2.021	1.992	2.036	13.03	12.98
13.23	0.292	0.048	0.045	0.053	2.021	1.992	2.036	13.03	13.02
13.24	0.29	0.048	0.045	0.053	2.021	1.992	2.036	13.02	13.02
13.25	0.291	0.048	0.045	0.053	2.021	1.992	2.036	13.02	13.01
13.25	0.294	0.048	0.045	0.053	2.021	1.991	2.036	13.01	13
13.26	0.288	0.048	0.045	0.053	2.021	1.99	2.036	13.01	12.75
13.26	0.286	0.048	0.045	0.053	2.021	1.99	2.036	13	12.95
13.27	0.287	0.048	0.045	0.053	2.021	1.99	2.036	12.99	12.99
13.26	0.286	0.048	0.045	0.053	2.021	1.99	2.036	12.99	12.98
13.28	0.285	0.048	0.045	0.053	2.021	1.99	2.036	12.98	12.98

13.28	0.283	0.048	0.045	0.053	2.021	1.99	2.036	12.98	12.97
13.28	0.286	0.048	0.045	0.053	2.021	1.99	2.036	12.98	12.71
13.27	0.288	0.048	0.045	0.053	2.021	1.99	2.036	12.97	12.92
13.28	0.291	0.048	0.045	0.053	2.021	1.99	2.036	12.97	12.96
13.3	0.292	0.048	0.045	0.053	2.021	1.989	2.036	12.97	12.95
13.29	0.292	0.048	0.045	0.053	2.02	1.989	2.036	12.96	12.95
13.29	0.29	0.048	0.045	0.053	2.02	1.989	2.036	12.96	12.95
13.31	0.287	0.048	0.045	0.053	2.02	1.989	2.036	12.95	12.68
13.31	0.288	0.048	0.045	0.053	2.02	1.989	2.036	12.94	12.89
13.32	0.29	0.048	0.045	0.053	2.02	1.989	2.036	12.94	12.93
13.31	0.29	0.048	0.045	0.053	2.02	1.989	2.036	12.94	12.92
13.32	0.291	0.048	0.045	0.053	2.02	1.989	2.036	12.92	12.92
13.32	0.291	0.048	0.045	0.053	2.02	1.989	2.036	12.92	12.91
13.31	0.291	0.048	0.045	0.053	2.02	1.988	2.036	12.91	12.66
13.33	0.293	0.048	0.045	0.053	2.02	1.988	2.037	12.9	12.86
13.32	0.293	0.048	0.045	0.053	2.02	1.988	2.037	12.9	12.89
13.33	0.293	0.048	0.045	0.053	2.019	1.988	2.037	12.9	12.89
13.32	0.29	0.048	0.045	0.053	2.019	1.988	2.037	12.89	12.89
13.33	0.289	0.048	0.045	0.053	2.019	1.988	2.037	12.89	12.88
13.32	0.284	0.048	0.045	0.053	2.019	1.988	2.037	12.88	12.59
13.32	0.281	0.048	0.045	0.053	2.019	1.988	2.037	12.87	12.82
13.32	0.287	0.048	0.045	0.053	2.019	1.988	2.037	12.86	12.86
13.33	0.287	0.048	0.045	0.053	2.019	1.987	2.037	12.86	12.85
13.33	0.291	0.048	0.045	0.053	2.019	1.987	2.037	12.85	12.84
13.32	0.29	0.048	0.045	0.053	2.019	1.987	2.037	12.84	12.84
13.33	0.288	0.048	0.045	0.053	2.018	1.987	2.037	12.84	12.59
13.32	0.281	0.048	0.045	0.053	2.018	1.987	2.037	12.81	12.77
13.33	0.274	0.048	0.045	0.053	2.018	1.987	2.037	12.81	12.79
13.33	0.27	0.048	0.045	0.053	2.018	1.987	2.037	12.79	12.78
13.33	0.273	0.048	0.045	0.053	2.018	1.987	2.037	12.78	12.77
13.34	0.274	0.048	0.045	0.053	2.018	1.987	2.037	12.78	12.76
13.33	0.271	0.048	0.045	0.053	2.018	1.987	2.037	12.76	12.46
13.33	0.27	0.048	0.044	0.053	2.018	1.986	2.037	12.74	12.7
13.34	0.272	0.048	0.044	0.053	2.018	1.986	2.037	12.74	12.73
13.33	0.271	0.048	0.044	0.053	2.018	1.986	2.037	12.74	12.72
13.34	0.273	0.048	0.044	0.053	2.018	1.986	2.037	12.73	12.72
13.33	0.277	0.048	0.044	0.053	2.018	1.986	2.037	12.72	12.71
13.32	0.274	0.048	0.044	0.053	2.017	1.986	2.037	12.71	12.44
13.3	0.269	0.048	0.044	0.053	2.016	1.986	2.037	12.71	12.66
13.31	0.268	0.048	0.044	0.053	2.016	1.985	2.037	12.71	12.7
13.3	0.266	0.048	0.044	0.053	2.016	1.985	2.036	12.7	12.7
13.3	0.27	0.048	0.044	0.053	2.016	1.985	2.036	12.7	12.69
13.3	0.269	0.048	0.044	0.053	2.016	1.985	2.036	12.7	12.69
13.29	0.261	0.048	0.044	0.053	2.016	1.985	2.036	12.7	12.46
13.29	0.26	0.048	0.044	0.053	2.016	1.985	2.036	12.71	12.65
13.28	0.267	0.048	0.044	0.053	2.016	1.985	2.036	12.72	12.7
13.29	0.261	0.048	0.044	0.053	2.016	1.985	2.036	12.73	12.71
13.27	0.265	0.047	0.044	0.053	2.016	1.985	2.036	12.74	12.72
13.27	0.265	0.047	0.044	0.053	2.015	1.984	2.036	12.77	12.73

13.26	0.257	0.047	0.044	0.053	2.015	1.984	2.036	12.79	12.5
13.26	0.253	0.047	0.044	0.053	2.015	1.984	2.036	13.05	12.7
13.26	0.252	0.047	0.044	0.053	2.015	1.984	2.036	13.84	13.05
13.25	0.255	0.047	0.044	0.053	2.015	1.984	2.036	14.19	13.85
13.24	0.259	0.047	0.044	0.053	2.015	1.984	2.036	14.25	14.18
13.24	0.264	0.047	0.044	0.053	2.015	1.984	2.036	14.36	14.24
13.24	0.262	0.047	0.044	0.053	2.015	1.984	2.035	14.44	13.66
13.24	0.262	0.047	0.044	0.053	2.014	1.983	2.034	14.39	14.04
13.24	0.263	0.047	0.044	0.053	2.014	1.983	2.034	14.34	14.21
13.23	0.264	0.047	0.044	0.053	2.014	1.983	2.034	14.27	14.17
13.22	0.272	0.047	0.044	0.053	2.014	1.983	2.034	14.25	14.15
13.22	0.263	0.047	0.044	0.053	2.014	1.983	2.034	14.24	14.14
13.21	0.264	0.047	0.044	0.053	2.014	1.983	2.034	14.24	13.53
13.2	0.27	0.047	0.044	0.053	2.014	1.983	2.034	14.24	14.15
13.2	0.268	0.047	0.044	0.053	2.014	1.983	2.034	14.22	14.11
13.18	0.254	0.047	0.044	0.053	2.014	1.983	2.034	14.19	14.1
13.17	0.239	0.047	0.044	0.053	2.014	1.982	2.034	14.17	14.1
13.16	0.235	0.047	0.044	0.053	2.014	1.981	2.034	14.16	14.05
13.15	0.238	0.047	0.044	0.053	2.014	1.981	2.034	14.11	13.24
13.14	0.243	0.047	0.044	0.052	2.014	1.981	2.033	13.54	13.43
13.13	0.244	0.047	0.044	0.052	2.014	1.981	2.034	13.51	13.4
13.11	0.282	0.047	0.044	0.053	2.014	1.981	2.034	13.59	13.41
13.1	0.286	0.047	0.044	0.053	2.014	1.981	2.034	13.6	13.47
13.08	0.289	0.047	0.044	0.052	2.015	1.981	2.033	13.6	13.47
13.08	0.283	0.047	0.044	0.052	2.015	1.981	2.033	13.54	13.18
13.07	0.278	0.047	0.044	0.052	2.015	1.981	2.033	13.51	13.37
13.05	0.291	0.047	0.044	0.052	2.015	1.981	2.033	13.54	13.43
13.03	0.298	0.047	0.044	0.052	2.015	1.981	2.033	13.54	13.45
13.02	0.297	0.047	0.044	0.052	2.015	1.981	2.033	13.52	13.41
13.01	0.299	0.048	0.044	0.052	2.016	1.982	2.033	13.53	13.45
13	0.301	0.048	0.044	0.052	2.016	1.983	2.033	13.54	13.14
12.98	0.302	0.048	0.044	0.052	2.016	1.983	2.033	13.54	13.39
12.97	0.295	0.048	0.044	0.052	2.016	1.983	2.033	13.53	13.42
12.96	0.281	0.048	0.044	0.052	2.017	1.983	2.033	13.53	13.43
12.95	0.282	0.048	0.044	0.052	2.018	1.983	2.033	13.5	13.4
12.93	0.272	0.048	0.044	0.052	2.018	1.983	2.033	13.48	13.4
12.92	0.268	0.048	0.044	0.052	2.018	1.984	2.033	13.52	13.07
12.92	0.27	0.048	0.044	0.052	2.018	1.984	2.033	13.49	13.35
12.91	0.263	0.048	0.044	0.052	2.018	1.984	2.032	13.5	13.37
12.9	0.264	0.048	0.044	0.052	2.019	1.985	2.032	13.47	13.4
12.89	0.262	0.048	0.044	0.052	2.019	1.985	2.032	13.52	13.4
12.88	0.261	0.048	0.044	0.052	2.019	1.985	2.032	13.53	13.4
12.87	0.263	0.048	0.044	0.052	2.019	1.986	2.032	13.53	13.1
12.86	0.263	0.048	0.044	0.052	2.019	1.986	2.032	13.53	13.39
12.85	0.264	0.048	0.044	0.052	2.019	1.986	2.032	13.52	13.44
12.84	0.265	0.048	0.045	0.052	2.02	1.987	2.032	13.52	13.41
12.83	0.26	0.048	0.045	0.052	2.02	1.987	2.032	13.59	13.47
12.83	0.266	0.048	0.045	0.052	2.02	1.987	2.032	13.59	13.53
12.82	0.263	0.048	0.045	0.052	2.02	1.987	2.032	13.64	13.15

12.81	0.271	0.048	0.045	0.052	2.02	1.988	2.032	13.64	13.54
12.81	0.266	0.048	0.045	0.052	2.02	1.988	2.032	13.63	13.54
12.81	0.263	0.048	0.045	0.052	2.02	1.988	2.032	13.66	13.6
12.8	0.264	0.048	0.045	0.052	2.021	1.988	2.032	13.7	13.6
12.8	0.263	0.048	0.045	0.052	2.021	1.988	2.032	13.72	13.66
12.79	0.272	0.048	0.045	0.052	2.021	1.989	2.032	13.75	13.09
12.79	0.273	0.048	0.045	0.052	2.021	1.989	2.032	13.76	13.67
12.79	0.283	0.048	0.045	0.052	2.021	1.989	2.032	13.81	13.73
12.79	0.284	0.048	0.045	0.052	2.021	1.989	2.032	13.88	13.78
12.79	0.283	0.048	0.045	0.052	2.021	1.99	2.032	13.88	13.27
12.79	0.286	0.048	0.045	0.052	2.021	1.99	2.032	13.27	13.2
12.8	0.286	0.049	0.045	0.052	2.022	1.99	2.032	13.2	12.98
12.79	0.285	0.049	0.045	0.052	2.022	1.99	2.032	13.16	13.14
12.79	0.285	0.049	0.045	0.052	2.022	1.99	2.032	13.15	13.15
12.79	0.284	0.049	0.045	0.052	2.022	1.99	2.032	13.15	13.14
12.8	0.287	0.049	0.045	0.052	2.022	1.99	2.032	13.14	13.13
12.8	0.285	0.049	0.045	0.052	2.022	1.991	2.033	13.13	13.13
12.8	0.285	0.049	0.045	0.052	2.022	1.992	2.033	13.13	12.93
12.8	0.282	0.049	0.045	0.052	2.022	1.992	2.033	13.12	13.09
12.81	0.279	0.049	0.045	0.052	2.022	1.992	2.033	13.12	13.11
12.81	0.284	0.049	0.045	0.052	2.022	1.992	2.033	13.11	13.1
12.82	0.283	0.049	0.045	0.052	2.022	1.992	2.033	13.11	13.1
12.83	0.284	0.049	0.045	0.052	2.022	1.992	2.033	13.11	13.1
12.83	0.285	0.049	0.045	0.052	2.022	1.992	2.033	13.1	12.91
12.84	0.289	0.049	0.045	0.052	2.022	1.992	2.033	13.09	13.05
12.85	0.287	0.049	0.045	0.052	2.022	1.992	2.033	13.09	13.08
12.85	0.289	0.049	0.045	0.052	2.022	1.992	2.033	13.08	13.08
12.86	0.289	0.049	0.045	0.052	2.023	1.992	2.033	13.08	13.07
12.87	0.293	0.049	0.045	0.052	2.023	1.992	2.033	13.07	13.06
12.88	0.292	0.049	0.045	0.052	2.023	1.992	2.034	13.07	12.88
12.88	0.292	0.049	0.045	0.052	2.022	1.992	2.034	13.06	13.02
12.89	0.295	0.049	0.045	0.052	2.022	1.992	2.033	13.05	13.05
12.9	0.296	0.049	0.045	0.053	2.022	1.992	2.034	13.05	13.04
12.92	0.298	0.049	0.045	0.053	2.022	1.992	2.034	13.04	13.03
12.92	0.298	0.049	0.045	0.053	2.022	1.992	2.034	13.04	13.03
12.94	0.294	0.049	0.045	0.053	2.022	1.992	2.034	13.03	12.8
12.94	0.298	0.049	0.045	0.053	2.022	1.992	2.034	13.03	12.98
12.95	0.295	0.049	0.045	0.053	2.022	1.992	2.034	13.02	13.01
12.95	0.296	0.049	0.045	0.053	2.022	1.992	2.034	13.02	13.01
12.97	0.297	0.049	0.045	0.053	2.022	1.992	2.034	13.02	13
12.98	0.297	0.049	0.045	0.053	2.022	1.992	2.034	13.01	13
12.99	0.292	0.049	0.045	0.053	2.022	1.992	2.034	13.01	12.78
13.01	0.294	0.049	0.045	0.053	2.022	1.992	2.034	13	12.95
13.02	0.295	0.049	0.045	0.053	2.022	1.992	2.034	13	12.99
13.02	0.294	0.049	0.045	0.053	2.022	1.991	2.034	12.99	12.98

volts Battery Voltage	% Enclosr RH	Deg C 2m Mx Temp	Deg C 2m Mn Temp	Deg C 2m Av Temp	Deg C Dat Pan Temp	volts GOES BT Volt	volts Bat Vlt Lithium	Station Id. #
13	48.81	2.159	1.568	1.884	-0.2429	12.73	3.431	17
13	48.96	1.898	1.302	1.671	-0.2459	12.73	3.432	17
12.99	49.11	1.963	1.244	1.571	-0.2919	12.73	3.432	17
12.98	49.16	2.091	1.221	1.619	-0.3499	12.73	3.433	17
12.97	49.07	2.055	1.083	1.462	-0.4279	12.7	3.429	17
12.98	49.21	1.873	0.444	1.046	-0.5389	12.7	3.433	17
12.98	49.33	1.252	0.327	0.734	-0.6839	12.7	3.43	17
12.97	49.65	1.35	0.422	0.862	-0.8429	12.7	3.429	17
12.97	50.03	1.284	0.711	0.941	-1.003	12.7	3.429	17
12.95	50.1	1.932	0.826	1.365	-1.107	12.7	3.429	17
12.95	49.77	1.912	1.338	1.613	-1.138	12.68	3.429	17
12.95	49.65	1.738	0.761	1.184	-1.144	12.68	3.429	17
12.95	49.5	1.044	0.326	0.683	-1.202	12.68	3.428	17
12.95	49.56	0.919	-0.3949	0.075	-1.321	12.68	3.428	17
12.95	49.86	-0.08899	-0.6119	-0.3879	-1.514	12.68	3.427	17
12.94	50.26	-0.2829	-0.9469	-0.6649	-1.744	12.68	3.427	17
12.93	50.7	-0.7849	-1.233	-1.009	-1.995	12.66	3.425	17
12.94	50.95	-0.8669	-2.241	-1.373	-2.248	12.66	3.425	17
12.93	51.23	-2.048	-2.958	-2.487	-2.534	12.66	3.424	17
12.92	51.84	-2.89	-3.604	-3.357	-2.861	12.66	3.423	17
12.93	52.17	-3.064	-3.462	-3.252	-3.205	12.66	3.423	17
12.91	52.22	-3.036	-3.647	-3.377	-3.529	12.66	3.421	17
12.9	52.26	-1.401	-3.488	-2.813	-3.8	12.63	3.419	17
12.89	52.35	0.748	-1.657	-0.2269	-3.956	12.63	3.417	17
12.89	51.34	1.253	-0.5049	0.121	-3.893	12.63	3.419	17
12.89	50.3	-0.2059	-0.7819	-0.5559	-3.771	12.63	3.419	17
12.88	50.2	-0.7469	-2.547	-1.561	-3.711	12.63	3.419	17
12.86	50.65	-2.46	-3.723	-3.034	-3.737	12.63	3.419	17
12.85	51.74	-3.564	-4.246	-3.996	-3.871	12.58	3.42	17
12.86	52.24	-4.128	-4.521	-4.304	-4.076	12.58	3.419	17
12.85	52.57	-4.064	-4.401	-4.212	-4.321	12.58	3.419	17
12.84	52.68	-4.157	-4.762	-4.459	-4.549	12.58	3.417	17
12.84	52.7	-4.558	-5.004	-4.762	-4.798	12.58	3.417	17
12.82	52.88	-4.785	-5.143	-4.978	-5.052	12.58	3.416	17
12.8	53	-4.943	-5.306	-5.125	-5.293	12.53	3.414	17
12.8	53.17	-4.953	-5.294	-5.108	-5.507	12.53	3.412	17
12.79	53.22	-5.021	-5.341	-5.171	-5.684	12.53	3.412	17
12.79	53.25	-5.217	-5.543	-5.405	-5.857	12.53	3.412	17
12.78	53.25	-5.444	-5.732	-5.599	-6.012	12.53	3.412	17
12.76	53.21	-5.527	-5.797	-5.669	-6.179	12.53	3.411	17
12.74	53.38	-5.614	-5.945	-5.765	-6.352	12.46	3.412	17
12.74	53.5	-5.702	-5.987	-5.845	-6.513	12.46	3.409	17
12.73	53.55	-5.785	-6.11	-5.979	-6.662	12.46	3.409	17
12.73	53.56	-5.951	-6.264	-6.108	-6.813	12.46	3.41	17
12.71	53.76	-5.977	-6.348	-6.16	-6.972	12.46	3.409	17

12.71	53.66	-6.042	-6.282	-6.174	-7.112	12.46	3.409	17
12.7	53.6	-6.054	-6.339	-6.203	-7.22	12.41	3.409	17
12.72	53.6	-5.772	-6.306	-6.025	-7.309	12.41	3.409	17
12.73	53.5	-5.171	-5.896	-5.509	-7.349	12.41	3.408	17
12.76	53.07	-4.438	-5.294	-4.773	-7.314	12.41	3.409	17
12.78	52.55	-3.845	-4.919	-4.457	-7.213	12.41	3.408	17
12.81	51.39	-1.698	-3.897	-2.871	-7.023	12.41	3.408	17
12.81	49.26	0.396	-1.839	-0.7639	-6.664	12.51	3.41	17
13.48	46.75	3.031	0.231	1.329	-6.09	12.51	3.41	17
14.32	45.08	4.4	2.8	3.698	-5.319	12.51	3.413	17
14.61	43.07	5.492	4.281	4.896	-4.242	12.51	3.418	17
14.58	38.82	6.568	5.154	5.755	-2.789	12.51	3.419	17
14.56	32.55	7.191	6.38	6.799	-1.026	12.51	3.425	17
14.53	32.22	7.204	6.442	6.702	0.247	14.18	3.429	17
14.5	34.94	7.399	6.622	7.058	1.037	14.18	3.433	17
14.46	36.22	7.758	7.025	7.347	1.725	14.18	3.435	17
14.4	36.78	9.12	7.244	8.17	2.409	14.18	3.439	17
14.39	34.56	9.8	8.65	9.28	3.46	14.18	3.441	17
14.37	30.68	10.79	9.36	10.12	4.956	14.18	3.446	17
14.34	28.4	10.81	8.75	9.85	6.482	13.96	3.45	17
14.32	27.5	10.65	9.24	9.97	7.874	13.96	3.454	17
14.31	27.25	11.25	9.69	10.35	9.1	13.96	3.459	17
13.8	27.14	11.28	9.61	10.68	10.22	13.96	3.461	17
13.68	27.49	12.01	10.31	11.21	11.17	13.96	3.465	17
13.64	27.62	12.15	9.82	11.37	12.05	13.96	3.467	17
13.64	27.91	12.36	10.45	11.33	12.84	13.27	3.469	17
13.67	28.81	12.92	10.91	11.69	13.47	13.27	3.473	17
13.67	29.75	12.9	10.85	11.93	13.97	13.27	3.475	17
13.67	30.48	12.49	11.15	11.9	14.38	13.27	3.477	17
13.67	31.16	13.03	10.89	11.89	14.72	13.27	3.477	17
13.62	31.78	13.1	10.58	12.26	15	13.27	3.479	17
13.66	32.5	12.73	10.54	11.87	15.28	13.29	3.478	17
13.67	33.39	12.77	10.88	12.05	15.54	13.29	3.48	17
13.67	34.37	13.39	11.69	12.54	15.78	13.29	3.481	17
13.64	34.75	13.98	12.05	13.22	16.09	13.29	3.481	17
13.6	34.16	14.08	11.92	13.04	16.52	13.29	3.483	17
13.53	33.97	14.27	11.96	13.49	16.93	13.29	3.485	17
13.54	33.46	14.71	12.46	13.36	17.31	13.24	3.485	17
13.56	33.31	14.47	12.14	13.35	17.64	13.24	3.487	17
13.57	33.12	14.35	11.64	13.07	17.88	13.24	3.487	17
13.58	33.35	14.63	12.61	13.77	18.05	13.24	3.489	17
13.54	33.25	15.16	12.74	14.01	18.23	13.24	3.49	17
13.52	32.56	14.89	12.59	13.84	18.45	13.24	3.489	17
13.58	32.58	14.42	12.95	13.69	18.64	13.19	3.49	17
13.59	32.38	14.29	12.54	13.53	18.76	13.19	3.49	17
13.6	32.57	15.63	12.95	14.3	18.81	13.19	3.489	17
13.6	32.48	14.59	12.79	13.63	18.91	13.19	3.491	17
13.61	33.07	14.61	13.32	13.97	18.99	13.19	3.492	17
13.64	33.37	15.37	12.8	13.77	18.99	13.19	3.491	17

13.71	33.77	14.59	12.49	13.34	18.94	13.34	3.49	17
13.73	34.03	13.98	12.27	13.25	18.81	13.34	3.49	17
13.73	34.22	14.33	11.67	13.08	18.65	13.34	3.491	17
13.73	34.52	14.02	11.91	13.22	18.48	13.34	3.489	17
13.73	34.88	14.17	12.42	13.27	18.35	13.34	3.489	17
13.72	35.4	14.33	12.74	13.49	18.23	13.34	3.489	17
13.75	35.68	13.59	12.39	12.88	18.1	13.39	3.489	17
13.79	36.45	13.32	12.55	12.97	17.87	13.39	3.488	17
13.79	37.34	13.06	11.48	12.24	17.39	13.39	3.486	17
13.83	38.93	12.52	11.81	12.17	16.66	13.39	3.484	17
13.85	39.55	12.28	11.42	11.91	15.93	13.39	3.482	17
13.88	39.72	11.97	11.28	11.69	15.38	13.39	3.481	17
13.96	40.23	11.84	10.88	11.4	14.95	13.55	3.481	17
13.98	40.77	11.38	10.65	10.93	14.46	13.55	3.479	17
14.02	42.19	10.79	10.12	10.52	13.78	13.55	3.477	17
13.87	43.95	10.38	9.59	10.01	13.02	13.55	3.474	17
13.48	45.61	9.71	8.71	9.24	12.26	13.55	3.472	17
13.19	46.27	9.21	7.684	8.56	11.48	13.55	3.47	17
13.17	47.09	7.791	5.949	6.689	10.64	12.92	3.466	17
13.16	48.09	6.058	4.777	5.435	9.77	12.92	3.464	17
13.15	49.08	4.887	3.627	4.26	8.89	12.92	3.462	17
13.14	49.96	3.703	2.92	3.322	8	12.92	3.459	17
13.13	50.7	3.15	2.14	2.669	7.146	12.92	3.456	17
13.12	51.12	2.216	1.438	1.853	6.323	12.92	3.455	17
13.11	51.55	1.624	1.097	1.36	5.559	12.85	3.451	17
13.11	51.8	1.31	0.78	1.053	4.846	12.85	3.449	17
13.11	51.83	0.888	0.497	0.655	4.208	12.85	3.448	17
13.1	51.77	0.802	0.482	0.612	3.663	12.85	3.446	17
13.1	51.6	0.986	0.499	0.746	3.215	12.85	3.445	17
13.08	51.38	1.276	0.805	0.998	2.846	12.85	3.442	17
13.08	51	1.601	0.914	1.221	2.523	12.83	3.442	17
13.08	50.51	1.764	0.749	1.365	2.277	12.83	3.44	17
13.07	50.2	1.588	0.142	0.839	2.063	12.83	3.441	17
13.07	50.43	0.807	0.361	0.576	1.815	12.83	3.439	17
13.06	50.58	0.749	-0.1239	0.357	1.54	12.83	3.439	17
13.04	50.7	0.506	-0.03799	0.284	1.276	12.83	3.439	17
13.04	50.74	0.257	-0.5439	-0.05799	1.019	12.78	3.435	17
13.04	50.93	-0.2149	-0.6799	-0.4399	0.754	12.78	3.436	17
13.03	50.91	-0.4199	-0.9199	-0.6509	0.507	12.78	3.434	17
13.03	50.83	-0.3119	-0.7969	-0.5019	0.293	12.78	3.434	17
13.03	50.52	-0.3729	-0.8889	-0.6479	0.105	12.78	3.433	17
13.01	50.49	-0.6749	-1.177	-0.9229	-0.08399	12.78	3.433	17
13.01	50.55	-0.9489	-1.421	-1.166	-0.2829	12.73	3.433	17
13.02	50.59	-1.149	-1.635	-1.439	-0.4899	12.73	3.433	17
13.01	50.54	-1.163	-1.611	-1.44	-0.6849	12.73	3.432	17
13.01	50.54	-1.406	-1.791	-1.624	-0.8879	12.73	3.431	17
13	50.66	-1.499	-2.252	-1.852	-1.1	12.73	3.43	17
12.99	50.78	-1.866	-2.354	-2.163	-1.316	12.73	3.429	17
12.98	50.88	-2.072	-2.462	-2.284	-1.519	12.7	3.429	17

12.99	50.88	-2.242	-2.538	-2.394	-1.698	12.7	3.428	17
12.98	50.83	-2.203	-2.554	-2.402	-1.868	12.7	3.428	17
12.98	50.67	-2.268	-2.614	-2.413	-2.023	12.7	3.428	17
12.97	50.62	-2.334	-2.648	-2.469	-2.169	12.7	3.427	17
12.96	50.73	-2.431	-2.76	-2.589	-2.338	12.7	3.425	17
12.95	50.76	-2.454	-2.856	-2.661	-2.499	12.66	3.425	17
12.96	50.78	-2.521	-3.001	-2.812	-2.653	12.66	3.425	17
12.95	50.87	-2.81	-3.174	-2.999	-2.802	12.66	3.424	17
12.95	50.84	-2.696	-3.19	-2.924	-2.949	12.66	3.423	17
12.94	50.79	-2.862	-3.202	-3.078	-3.083	12.66	3.423	17
12.93	50.8	-2.861	-3.205	-3.024	-3.22	12.66	3.424	17
12.92	50.8	-2.864	-3.279	-3.06	-3.355	12.63	3.421	17
12.92	50.67	-2.882	-3.246	-3.088	-3.472	12.63	3.423	17
12.91	50.53	-2.923	-3.335	-3.126	-3.566	12.63	3.422	17
12.91	50.52	-2.891	-3.338	-3.127	-3.661	12.63	3.421	17
12.9	50.51	-3.012	-3.358	-3.211	-3.746	12.63	3.42	17
12.89	50.48	-3.14	-3.534	-3.351	-3.835	12.63	3.421	17
12.88	50.47	-3.11	-3.64	-3.415	-3.915	12.61	3.42	17
12.89	50.45	-3.256	-3.54	-3.386	-3.993	12.61	3.421	17
12.88	50.48	-3.274	-3.668	-3.482	-4.067	12.61	3.42	17
12.87	50.36	-3.307	-3.5	-3.417	-4.142	12.61	3.419	17
12.86	50.46	-3.39	-3.699	-3.549	-4.219	12.61	3.419	17
12.84	50.43	-3.365	-3.704	-3.535	-4.296	12.61	3.419	17
12.83	50.42	-3.365	-3.737	-3.57	-4.361	12.56	3.419	17
12.83	50.41	-3.375	-3.735	-3.556	-4.419	12.56	3.419	17
12.82	50.44	-3.519	-3.762	-3.62	-4.478	12.56	3.419	17
12.82	50.5	-3.466	-3.737	-3.619	-4.527	12.56	3.417	17
12.82	50.43	-3.501	-3.773	-3.613	-4.573	12.56	3.419	17
12.8	50.52	-3.536	-3.772	-3.643	-4.62	12.56	3.419	17
12.78	50.47	-3.509	-3.755	-3.62	-4.66	12.51	3.419	17
12.78	50.44	-3.499	-3.73	-3.605	-4.698	12.51	3.418	17
12.76	50.44	-3.494	-3.7	-3.591	-4.746	12.51	3.417	17
12.76	50.42	-3.496	-3.755	-3.629	-4.79	12.51	3.417	17
12.75	50.41	-3.531	-3.816	-3.689	-4.854	12.51	3.417	17
12.73	50.39	-3.569	-3.823	-3.702	-4.896	12.51	3.417	17
12.72	50.37	-3.612	-3.881	-3.761	-4.939	12.44	3.416	17
12.72	50.43	-3.692	-3.929	-3.819	-4.98	12.44	3.417	17
12.72	50.4	-3.702	-3.981	-3.825	-5.029	12.44	3.415	17
12.71	50.5	-3.765	-4.014	-3.895	-5.077	12.44	3.417	17
12.71	50.47	-3.811	-4.09	-3.935	-5.13	12.44	3.415	17
12.7	50.55	-3.82	-4.122	-3.953	-5.181	12.44	3.415	17
12.68	50.54	-3.828	-4.11	-3.975	-5.229	12.39	3.415	17
12.7	50.65	-3.783	-4.14	-3.977	-5.274	12.39	3.415	17
12.69	50.67	-3.825	-4.13	-3.994	-5.315	12.39	3.414	17
12.69	50.7	-3.906	-4.155	-4.03	-5.36	12.39	3.414	17
12.68	50.7	-3.948	-4.195	-4.059	-5.4	12.39	3.415	17
12.67	50.61	-3.798	-4.115	-4.002	-5.433	12.39	3.416	17
12.68	50.5	-3.644	-4.031	-3.89	-5.459	12.39	3.416	17
12.7	50.34	-3.411	-3.82	-3.651	-5.453	12.39	3.416	17

12.71	49.95	-3.016	-3.516	-3.254	-5.417	12.39	3.414	17
12.73	49.62	-2.367	-3.122	-2.654	-5.35	12.39	3.414	17
12.75	48.85	-1.213	-2.437	-1.772	-5.227	12.39	3.414	17
12.78	47.35	0.139	-1.283	-0.6579	-4.985	12.39	3.415	17
12.78	45.77	1.342	0.077	0.682	-4.576	12.46	3.417	17
13.46	44.21	2.956	1.218	2.098	-4.067	12.46	3.419	17
14.22	42.98	5.33	2.939	4.215	-3.439	12.46	3.421	17
14.54	40.27	8.53	5.419	7.069	-2.507	12.46	3.421	17
14.58	34.91	11.19	8.45	9.98	-1	12.46	3.425	17
14.49	29.53	11.34	10.68	11.07	0.831	12.46	3.432	17
14.46	30.05	11.35	10.79	11.1	2.236	14.13	3.436	17
14.45	32.33	11.41	10.92	11.14	3.247	14.13	3.441	17
14.43	33.74	11.5	10.94	11.28	4.087	14.13	3.443	17
14.46	34.74	11.4	10.74	11.09	4.766	14.13	3.445	17
14.25	35.03	11.26	10.78	11.02	5.439	14.13	3.448	17
13.74	34.86	10.99	9.78	10.31	5.984	14.13	3.451	17
13.49	35.9	9.9	8.51	9.25	6.219	13.32	3.451	17
13.56	37.61	8.75	8.32	8.54	6.155	13.32	3.451	17
14.27	38.69	8.79	8.32	8.59	5.988	13.32	3.451	17
14.47	38.4	10.7	8.64	9.61	5.951	13.32	3.451	17
13.97	36.7	11.76	10.39	11.07	6.306	13.32	3.451	17
13.88	34.3	12.85	11.29	12.07	7.098	13.32	3.454	17
13.81	32.13	13.14	11.92	12.46	8.2	13.49	3.458	17
13.75	30.46	14.14	11.91	13.13	9.47	13.49	3.46	17
13.67	29.06	15.72	13.24	14.34	10.86	13.49	3.465	17
13.6	28.1	15.22	13.3	14.53	12.32	13.49	3.468	17
13.6	27.97	15.61	13.29	14.28	13.63	13.49	3.473	17
13.55	28.22	16.81	14.4	15.65	14.73	13.49	3.477	17
13.54	28.33	16.64	14.35	15.52	15.8	13.22	3.479	17
13.52	29.04	17.04	14.48	15.94	16.71	13.22	3.482	17
13.5	29.97	16.3	14.66	15.53	17.49	13.22	3.485	17
13.48	30.84	17.34	14.36	15.73	18.11	13.22	3.485	17
13.5	31.3	16.69	14.24	15.57	18.6	13.22	3.488	17
13.5	31.4	16.71	15.1	15.76	18.99	13.22	3.489	17
13.53	31.19	17.77	14.9	16.04	19.36	13.19	3.491	17
13.54	30.76	16.8	13.82	15.59	19.68	13.19	3.493	17
13.54	30.8	17.57	14.84	16.22	19.9	13.19	3.493	17
13.54	30.33	16.96	14.26	15.93	20.14	13.19	3.493	17
13.54	30.34	17.09	14.54	15.79	20.29	13.19	3.495	17
13.53	30.42	17.09	14.56	15.94	20.41	13.19	3.493	17
13.59	30.63	17.12	14.96	16.18	20.5	13.19	3.496	17
13.58	30.65	17.79	15.35	16.56	20.56	13.19	3.495	17
13.6	31.16	17.68	15.51	16.66	20.64	13.19	3.495	17
13.6	31.22	17.64	15.89	16.8	20.73	13.19	3.495	17
13.6	31.11	17.08	14.72	16.19	20.82	13.19	3.497	17
13.59	31.82	17.46	15.65	16.59	20.86	13.19	3.498	17
13.65	32.17	17.46	15.86	16.65	20.89	13.29	3.496	17
13.66	32.46	17.54	15.92	16.65	20.85	13.29	3.495	17
13.64	32.72	17.85	15.85	17.06	20.81	13.29	3.495	17

13.67	32.68	17.5	16.22	16.68	20.76	13.29	3.497	17
13.67	33.04	17.72	15.58	16.67	20.66	13.29	3.495	17
13.68	33.13	16.89	15.37	16.09	20.53	13.29	3.495	17
13.73	33.28	16.4	15.15	15.93	20.34	13.34	3.495	17
13.73	33.77	16.53	14.93	15.7	20.11	13.34	3.495	17
13.74	35.45	15.77	14.9	15.45	19.65	13.34	3.493	17
13.79	36.54	15.7	15.01	15.34	18.91	13.34	3.491	17
13.82	37.16	15.46	14.65	15.02	18.19	13.34	3.487	17
13.82	37.2	15.22	14.63	14.92	17.6	13.34	3.488	17
13.86	37.74	14.98	14.33	14.66	17.16	13.49	3.486	17
13.89	38.88	14.71	13.77	14.21	16.66	13.49	3.485	17
13.94	39.87	13.96	13.35	13.65	16.01	13.49	3.483	17
13.65	41.27	13.48	12.81	13.2	15.33	13.49	3.481	17
13.26	42.84	13.02	12.15	12.65	14.66	13.49	3.48	17
13.2	43.58	12.28	11.46	11.84	13.95	13.49	3.477	17
13.17	44.34	11.68	9.98	10.65	13.22	12.92	3.475	17
13.16	45.2	10.04	8.68	9.31	12.43	12.92	3.471	17
13.15	46.08	8.76	7.603	8.23	11.64	12.92	3.469	17
13.14	47.01	7.684	6.475	7.031	10.82	12.92	3.468	17
13.14	48.03	6.51	5.796	6.168	9.99	12.92	3.465	17
13.12	48.61	5.946	5.232	5.571	9.19	12.92	3.463	17
13.12	49.02	5.437	4.78	5.096	8.46	12.88	3.46	17
13.12	49.27	4.95	4.478	4.717	7.766	12.88	3.459	17
13.11	49.55	4.75	4.036	4.34	7.14	12.88	3.456	17
13.11	49.76	4.285	3.523	3.908	6.539	12.88	3.455	17
13.11	49.9	3.746	3.302	3.511	5.995	12.88	3.452	17
13.09	50.04	3.453	2.785	3.12	5.486	12.88	3.451	17
13.09	50.1	3.023	2.299	2.641	4.993	12.83	3.449	17
13.09	50.23	2.546	1.802	2.148	4.535	12.83	3.448	17
13.08	50.42	1.95	1.644	1.777	4.066	12.83	3.446	17
13.07	50.44	2.007	1.667	1.853	3.664	12.83	3.446	17
13.07	50.34	1.954	1.498	1.634	3.312	12.83	3.444	17
13.06	50.32	1.771	1.257	1.495	2.984	12.83	3.442	17
13.05	50.32	1.377	1.054	1.203	2.659	12.8	3.442	17
13.05	50.28	1.212	0.801	1.004	2.352	12.8	3.442	17
13.05	50.1	1.796	0.985	1.235	2.082	12.8	3.44	17
13.04	49.77	1.934	1.365	1.657	1.86	12.8	3.438	17
13.04	49.42	2.128	1.596	1.86	1.682	12.8	3.44	17
13.02	48.95	2.409	1.76	2.117	1.546	12.8	3.439	17
13.02	48.58	2.23	1.402	1.776	1.462	12.75	3.438	17
13.02	48.65	2.09	1.359	1.701	1.351	12.75	3.437	17
13.02	48.69	2.053	1.211	1.543	1.226	12.75	3.437	17
13.01	48.7	1.489	0.98	1.214	1.095	12.75	3.437	17
13.01	48.76	1.186	0.671	0.901	0.947	12.75	3.437	17
12.99	48.98	0.915	0.221	0.6	0.763	12.75	3.435	17
12.99	49.28	0.542	-0.01199	0.265	0.562	12.73	3.435	17
12.99	49.53	0.197	-0.3789	-0.08799	0.343	12.73	3.435	17
12.99	49.74	-0.07599	-0.7289	-0.3979	0.099	12.73	3.434	17
12.98	49.84	-0.3979	-1.034	-0.7009	-0.1459	12.73	3.433	17

12.98	50.16	-0.7759	-1.241	-1.06	-0.4049	12.73	3.432	17
12.97	50.38	-0.9649	-1.424	-1.194	-0.6699	12.73	3.432	17
12.96	50.44	-1.012	-1.472	-1.233	-0.9299	12.7	3.431	17
12.97	50.4	-1.227	-1.671	-1.416	-1.153	12.7	3.43	17
12.96	50.4	-1.119	-1.494	-1.317	-1.363	12.7	3.427	17
12.95	50.38	-0.9389	-1.406	-1.123	-1.537	12.7	3.428	17
12.95	50.32	-0.9089	-1.347	-1.135	-1.665	12.7	3.427	17
12.94	50.1	-1.035	-1.558	-1.326	-1.778	12.7	3.428	17
12.93	50.09	-1.37	-1.696	-1.534	-1.886	12.66	3.429	17
12.94	50.08	-1.476	-1.764	-1.609	-1.996	12.66	3.428	17
12.93	50.09	-1.477	-1.871	-1.675	-2.125	12.66	3.427	17
12.92	50.22	-1.467	-1.784	-1.639	-2.28	12.66	3.425	17
12.92	50.27	-1.251	-1.743	-1.508	-2.404	12.66	3.425	17
12.9	49.99	-1.191	-1.541	-1.382	-2.491	12.66	3.425	17
12.9	49.71	-1.242	-1.639	-1.411	-2.563	12.63	3.425	17
12.9	49.67	-0.7789	-1.49	-1.126	-2.64	12.63	3.425	17
12.89	49.53	-0.7719	-1.065	-0.9159	-2.697	12.63	3.424	17
12.89	49.5	-0.6969	-1.073	-0.8969	-2.741	12.63	3.423	17
12.88	49.31	-0.4379	-0.9939	-0.6899	-2.773	12.63	3.424	17
12.87	49.11	-0.5249	-0.9699	-0.7819	-2.799	12.63	3.425	17
12.86	49.11	-0.8119	-1.274	-1.054	-2.842	12.58	3.424	17
12.86	49.19	-0.9129	-1.387	-1.118	-2.901	12.58	3.423	17
12.85	49.25	-0.1019	-1.269	-0.6619	-2.948	12.58	3.423	17
12.85	49.02	0.521	-0.6089	-0.3319	-2.965	12.58	3.423	17
12.84	48.63	0.499	-0.3119	-0.01699	-2.94	12.58	3.423	17
12.82	48.18	1.099	0.292	0.63	-2.878	12.58	3.422	17
12.81	47.68	1.04	0.385	0.72	-2.783	12.53	3.424	17
12.8	47.48	1.469	0.669	1.119	-2.693	12.53	3.425	17
12.79	47.22	1.27	0.511	0.918	-2.592	12.53	3.424	17
12.78	47.13	1.781	0.641	1.006	-2.502	12.53	3.425	17
12.77	47.05	1.659	0.841	1.18	-2.425	12.53	3.423	17
12.75	46.88	2.179	0.814	1.409	-2.319	12.53	3.425	17
12.74	46.78	2.289	1.004	1.702	-2.23	12.46	3.425	17
12.74	46.59	2.464	1.226	1.756	-2.134	12.46	3.425	17
12.73	46.49	1.744	0.969	1.305	-2.043	12.46	3.427	17
12.72	46.63	1.765	0.939	1.293	-1.993	12.46	3.426	17
12.72	46.94	2.497	1.347	1.743	-1.961	12.46	3.425	17
12.7	46.9	2.578	1.514	1.946	-1.909	12.46	3.427	17
12.7	46.7	3.921	1.795	2.494	-1.847	12.41	3.427	17
12.7	46.03	3.223	2.023	2.42	-1.742	12.41	3.428	17
12.7	45.9	2.267	1.577	1.903	-1.662	12.41	3.427	17
12.7	46.19	2.146	0.85	1.381	-1.611	12.41	3.426	17
12.69	46.36	2.218	1.271	1.677	-1.58	12.41	3.429	17
12.69	46.32	5.198	1.836	3.146	-1.536	12.41	3.428	17
12.69	45.4	4.99	2.99	3.608	-1.403	12.41	3.428	17
12.71	44.74	5.463	2.876	3.682	-1.229	12.41	3.428	17
12.72	44.34	6.243	4.341	5.235	-0.9769	12.41	3.429	17
12.73	43.54	7.119	5.068	6.41	-0.5539	12.41	3.43	17
12.74	42.28	7.963	6.324	7.278	0.039	12.41	3.432	17

12.77	40.47	8.27	7.366	7.838	0.795	12.41	3.434	17
12.8	39.02	9.05	7.697	8.35	1.575	12.46	3.435	17
13.48	38.39	9.84	8.55	9.17	2.239	12.46	3.437	17
14.06	38.09	10.49	9.46	9.93	2.878	12.46	3.441	17
14.23	36.22	11.32	10.14	10.66	3.614	12.46	3.442	17
14.28	32.46	12.01	10.76	11.42	4.586	12.46	3.444	17
14.28	29.85	12.34	11.4	11.86	5.623	12.46	3.448	17
14.32	31.47	12.79	11.8	12.29	6.291	13.74	3.452	17
14.27	33.19	13.23	12.3	12.79	6.864	13.74	3.452	17
14.22	33.91	13.76	12.65	13.24	7.431	13.74	3.456	17
14.21	33.93	14.54	13.2	13.91	8.15	13.74	3.456	17
14.19	31.53	14.8	13.48	14.17	9.33	13.74	3.459	17
14.18	28.22	15.19	14.4	14.74	10.77	13.74	3.464	17
14.18	26.52	15.87	14.66	15.26	12.14	13.84	3.467	17
14.15	25.75	16.26	14.8	15.59	13.39	13.84	3.471	17
14.13	25.56	16.82	15.26	16.13	14.52	13.84	3.475	17
14.13	25.47	17.59	16.17	16.98	15.59	13.84	3.478	17
14.09	25.34	18.1	16.89	17.51	16.59	13.84	3.481	17
13.69	25.41	18.64	16.93	17.8	17.54	13.84	3.485	17
13.48	25.58	19.35	17.46	18.42	18.39	13.17	3.487	17
13.43	25.99	19.22	17.13	18.54	19.2	13.17	3.489	17
13.49	26.84	18.72	15.93	17.23	19.8	13.17	3.491	17
13.53	28.21	18.16	15.33	17.1	20.07	13.17	3.493	17
13.51	29.21	17.78	15.73	17.06	20.24	13.17	3.494	17
13.46	29.76	18.6	16.25	17.71	20.44	13.17	3.495	17
13.44	30.05	18.65	16.47	17.51	20.71	13.12	3.495	17
13.47	30.69	18.4	16.02	17.35	20.95	13.12	3.495	17
13.47	31.9	18.68	17.07	18.04	21.13	13.12	3.498	17
13.45	32.41	18.62	17.22	18.04	21.39	13.12	3.498	17
13.47	32.41	18.63	16.41	17.57	21.6	13.12	3.498	17
13.46	32.51	18.77	16.89	17.85	21.7	13.12	3.499	17
13.47	32.21	19.5	17.71	18.58	21.85	13.19	3.499	17
13.46	31.72	19.91	18.35	19.24	22.12	13.19	3.5	17
13.46	30.93	19.53	17.96	18.82	22.43	13.19	3.5	17
13.42	31.01	20.88	18.66	19.72	22.69	13.19	3.5	17
13.42	30.53	21.05	18.7	19.71	22.96	13.19	3.502	17
13.42	29.51	20.47	18.37	19.31	23.24	13.19	3.503	17
13.41	29.23	20.79	18.59	19.73	23.46	13.12	3.504	17
13.41	29	20.56	17.73	19.23	23.68	13.12	3.504	17
13.41	29.39	20.74	18.62	19.7	23.82	13.12	3.504	17
13.44	29.87	20.55	18.98	19.73	23.94	13.12	3.504	17
13.45	30.21	20.76	19.2	19.89	24.05	13.12	3.504	17
13.45	30.35	20.49	18.7	19.73	24.14	13.12	3.504	17
13.47	30.67	20.09	18.52	19.39	24.16	13.12	3.504	17
13.47	31.29	20.34	19.34	19.89	24.13	13.12	3.504	17
13.46	31.18	20.14	18.27	19.32	24.08	13.12	3.504	17
13.53	31.63	20.02	18.03	19.02	23.98	13.12	3.504	17
13.54	32.19	20.25	18.67	19.48	23.8	13.12	3.504	17
13.56	32.36	20	18.27	19.22	23.62	13.12	3.504	17

13.55	32.75	20.12	18.91	19.59	23.45	13.24	3.502	17
13.58	32.85	19.47	18.11	18.95	23.29	13.24	3.502	17
13.61	33.82	18.36	17.74	18.06	22.86	13.24	3.5	17
13.65	35.66	18.29	17.42	17.9	22.06	13.24	3.5	17
13.67	36.48	18.23	17.62	17.88	21.22	13.24	3.495	17
13.69	36.94	18.02	17.39	17.69	20.56	13.24	3.495	17
13.73	37.29	17.74	16.98	17.38	20.06	13.39	3.493	17
13.78	38.29	17.23	16.3	16.7	19.5	13.39	3.493	17
13.82	39.48	16.52	15.97	16.23	18.83	13.39	3.49	17
13.62	40.64	16.28	15.46	15.84	18.12	13.39	3.487	17
13.22	41.54	15.56	14.81	15.13	17.42	13.39	3.485	17
13.17	42	14.93	13.81	14.31	16.71	13.39	3.484	17
13.16	42.82	13.97	12.71	13.43	15.94	12.92	3.483	17
13.15	43.7	12.98	12.19	12.53	15.18	12.92	3.481	17
13.14	44.56	12.27	10.72	11.46	14.4	12.92	3.477	17
13.14	45.43	10.91	9.61	10.27	13.6	12.92	3.476	17
13.13	46.14	9.88	9.38	9.62	12.83	12.92	3.473	17
13.12	46.33	9.53	8.79	9.18	12.08	12.92	3.47	17
13.12	46.61	8.94	7.671	8.39	11.4	12.88	3.468	17
13.12	47.18	7.814	6.751	7.327	10.72	12.88	3.466	17
13.11	47.79	6.786	6.302	6.505	10.05	12.88	3.465	17
13.1	48.11	6.461	5.794	6.098	9.38	12.88	3.464	17
13.1	48.19	5.959	5.608	5.797	8.78	12.88	3.46	17
13.09	48.15	5.732	4.985	5.378	8.23	12.88	3.459	17
13.08	48.12	5.138	4.682	4.895	7.701	12.83	3.456	17
13.08	48.27	4.985	4.422	4.719	7.217	12.83	3.455	17
13.08	48.36	5.001	4.165	4.572	6.754	12.83	3.454	17
13.07	48.33	4.315	3.784	4.032	6.328	12.83	3.452	17
13.07	48.35	3.943	3.513	3.686	5.93	12.83	3.452	17
13.05	48.53	3.692	3.235	3.491	5.541	12.83	3.451	17
13.05	48.71	3.406	2.905	3.097	5.131	12.8	3.45	17
13.05	48.85	3.076	2.789	2.92	4.753	12.8	3.449	17
13.04	48.86	3.581	2.877	3.176	4.414	12.8	3.448	17
13.04	48.48	4.916	3.46	3.927	4.124	12.8	3.446	17
13.03	47.87	6.452	4.743	5.731	3.943	12.8	3.446	17
13.02	47.1	6.245	5.725	5.927	3.896	12.8	3.446	17
13.01	46.65	5.961	4.502	5.207	3.857	12.75	3.446	17
13.02	46.55	4.623	3.282	4.022	3.772	12.75	3.446	17
13.01	46.78	3.647	2.885	3.278	3.609	12.75	3.446	17
13.01	47.08	3.313	2.681	3.004	3.42	12.75	3.445	17
13	47.41	2.907	2.232	2.609	3.206	12.75	3.443	17
12.99	47.59	2.455	1.753	2.076	2.978	12.75	3.442	17
12.99	47.8	2.046	1.353	1.634	2.717	12.73	3.439	17
13	48.01	1.541	1.148	1.345	2.433	12.73	3.439	17
12.99	48.24	1.486	0.694	1.042	2.162	12.73	3.439	17