

Calendar Date	Temperature			Soil Temperature			RH (%)	Tipping Precip (mm)				Weighing Precip (mm)		WIND			Radiation (Langleys/Day)	Evapotranspiration ETo (Inches/Day)	Soil Moisture						
	Maximum (C)	(F)	Minimum (C)	(F)	Average (C)	(F)		1" Average (C)	(F)	4" Average (C)	(F)	Total	Accum	Total	Accum	Speed (m/sec)			Speed (mph)	Max Speed (mph)	Direction (degrees)	Total	4" Volumetric Water Content (%)		
	(C)	(F)	(C)	(F)	(C)	(F)	(C)	(F)	(C)	(F)	(mm)	(mm)	(mm)	(mm)							(%)				
#####	33.4	92	11.6	53	23.5	74	21.4	70	21.5	71	43	0.0	0.0	0.00	0.00	na	na	2.3	5.0	18.9	320	551	0.22	6.1	
#####	35.2	95	11.0	52	23.2	74	21.3	70	21.5	71	40	0.0	0.0	0.00	0.00	na	na	2.0	4.5	17.1	46	476	0.21	6.0	
#####	24.8	77	11.7	53	19.5	67	20.7	69	21.2	70	43	0.0	0.0	0.00	0.00	na	na	3.2	7.3	22.5	279	445	0.17	6.0	
#####	27.8	82	6.4	44	17.4	63	19.2	67	20.0	68	48	0.0	0.0	0.00	0.00	na	na	2.3	5.1	20.7	36	494	0.19	5.9	
#####	27.1	81	6.6	44	17.3	63	19.8	66	19.3	67	52	0.0	0.0	0.00	0.00	na	na	2.7	6.1	31.4	300	370	0.15	5.9	
#####	25.0	77	10.6	51	17.2	63	19.2	66	19.7	67	53	0.0	0.0	0.00	0.00	na	na	3.8	8.5	31.4	239	465	0.18	5.9	
#####	21.6	71	5.3	42	14.5	58	18.3	65	19.0	66	52	0.0	0.0	0.00	0.00	na	na	2.9	6.4	24.3	231	468	0.15	5.8	
#####	25.1	77	0.0	32	13.6	56	16.9	62	17.8	64	48	0.0	0.0	0.00	0.00	na	na	1.8	4.0	20.7	32	537	0.17	5.8	
#####	27.7	82	5.2	41	16.3	61	17.0	63	17.6	64	41	0.0	0.0	0.00	0.00	na	na	1.9	4.3	17.1	348	385	0.14	5.8	
#####	28.8	84	7.4	45	18.2	65	18.1	64	18.3	65	50	0.0	0.0	0.00	0.00	na	na	2.0	4.5	18.9	44	521	0.18	5.8	
#####	29.7	86	5.5	42	17.5	64	17.9	64	18.3	65	48	0.0	0.0	0.00	0.00	na	na	1.8	4.1	20.7	54	518	0.18	5.8	
#####	33.2	92	7.4	45	19.7	67	18.4	65	18.6	66	44	0.0	0.0	0.00	0.00	na	na	1.8	4.0	17.1	44	508	0.19	5.8	
#####	33.3	92	8.2	47	21.2	70	18.8	66	19.0	66	41	0.0	0.0	0.00	0.00	na	na	1.7	3.8	15.3	318	510	0.19	5.7	
#####	27.9	82	12.8	55	21.0	70	19.3	67	19.5	67	44	0.0	0.0	0.00	0.00	na	na	3.6	8.1	26.1	234	353	0.17	5.7	
#####	28.6	84	8.3	47	18.7	66	18.6	66	19.3	67	52	0.0	0.0	0.00	0.00	na	na	2.2	4.8	18.9	53	448	0.16	5.7	
#####	29.1	84	16.4	62	24.5	76	20.4	69	19.8	68	37	0.0	0.0	0.00	0.00	na	na	3.8	8.6	22.5	249	371	0.14	5.7	
#####	25.2	77	4.9	41	17.2	63	19.1	66	19.5	67	46	0.0	0.0	0.00	0.00	na	na	2.7	6.0	22.5	266	480	0.16	5.7	
#####	28.0	82	4.2	40	15.9	61	17.4	63	18.1	65	49	0.0	0.0	0.00	0.00	na	na	1.9	4.2	17.1	52	481	0.16	5.7	
#####	36.2	97	7.5	45	16.8	62	17.4	63	18.0	64	54	0.0	0.0	0.00	0.00	na	na	4.2	9.3	29.6	251	223	0.13	5.6	
#####	21.1	70	3.3	38	12.8	55	16.7	62	17.5	64	50	0.0	0.0	0.00	0.00	na	na	2.2	5.0	17.1	242	472	0.14	5.6	
#####	25.5	78	1.1	34	13.4	56	15.3	60	16.3	61	45	0.0	0.0	0.00	0.00	na	na	2.2	4.8	27.8	57	478	0.16	5.6	
#####	29.3	85	3.5	38	15.8	60	15.8	60	16.3	61	38	0.0	0.0	0.00	0.00	na	na	1.8	4.1	13.5	72	464	0.16	5.6	
#####	31.2	88	6.6	44	18.2	65	16.6	62	16.9	62	42	0.0	0.0	0.00	0.00	na	na	1.7	3.9	15.3	67	447	0.17	5.6	
#####	30.9	88	7.8	46	18.8	66	17.1	63	17.4	63	40	0.0	0.0	0.00	0.00	na	na	1.8	4.1	17.1	357	434	0.17	5.6	
#####	29.9	86	5.7	42	17.0	63	16.9	62	17.3	63	49	0.0	0.0	0.00	0.00	na	na	1.6	3.7	11.7	54	448	0.15	5.6	
#####	28.8	84	6.3	43	17.2	63	16.7	62	17.2	63	44	0.0	0.0	0.00	0.00	na	na	3.2	7.1	33.2	285	439	0.20	5.6	
#####	22.5	72	0.9	34	11.3	52	15.3	60	16.4	61	50	0.0	0.0	0.00	0.00	na	na	1.9	4.3	17.1	63	442	0.15	5.5	
#####	23.8	75	1.0	34	12.8	55	14.5	58	15.3	60	46	0.0	0.0	0.00	0.00	na	na	3.0	6.7	22.5	239	363	0.14	5.5	
#####	16.6	62	5.6	42	10.9	52	14.6	58	15.4	60	54	0.0	0.0	0.00	0.00	na	na	3.6	8.1	27.8	239	305	0.10	5.5	
#####	15.8	60	3.9	39	9.4	49	13.2	56	14.3	58	53	0.0	0.0	0.00	0.00	na	na	3.9	8.7	26.1	236	343	0.10	5.5	
#####	18.4	65	3.6	39	10.8	51	13.4	56	14.1	57	54	0.0	0.0	0.00	0.00	na	na	2.0	4.4	17.1	213	321	0.08	5.5	
#####	14.5	58	5.2	41	10.1	50	12.7	55	13.6	57	68	3.6	3.6	0.14	0.14	na	na	2.1	4.7	20.7	190	120	0.04	5.5	
#####	8.5	47	2.4	36	6.0	43	11.1	52	12.5	54	83	13.4	17.1	0.53	0.67	na	na	1.8	4.1	11.7	180	84	0.02	5.5	
#####	14.7	59	4.3	40	8.0	46	10.7	51	11.6	53	80	0.4	17.5	0.02	0.69	na	na	1.7	3.9	13.5	143	223	0.04	6.3	
#####	14.4	58	-0.1	32	6.4	43	9.6	49	11.0	52	68	0.0	32.5	0.00	0.69	na	na	1.8	3.9	13.5	253	354	0.07	6.5	
#####	na	na	na	na	na	na	na	na	na	na	na	na	17.5	na	0.69	na	na	na	na	na	na	na	na	na	6.5
#####	19.1	66	-1.0	30	9.4	49	9.2	49	10.2	50	60	0.0	17.5	0.00	0.69	na	na	1.6	3.5	18.9	266	349	0.18	6.6	
#####	17.4	63	-0.5	31	7.9	46	9.7	49	10.6	51	63	0.0	17.5	0.00	0.69	na	na	1.5	3.3	11.7	40	336	0.08	6.6	
#####	9.8	50	-1.2	30	5.1	41	8.4	47	9.6	49	66	0.0	17.5	0.00	0.69	na	na	2.0	4.4	11.7	42	330	0.04	6.5	
#####	9.7	49	-2.4	28	3.6	38	7.2	45	8.5	47	54	0.0	17.5	0.00	0.69	na	na	3.1	7.0	22.5	49	112	0.07	6.5	
#####	8.8	48	-9.1	16	-0.3	31	5.0	41	6.7	44	58	0.0	17.5	0.00	0.69	na	na	1.8	4.0	17.1	60	271	0.07	6.5	
#####	7.5	45	-4.2	24	1.0	34	4.8	41	6.1	43	58	0.0	17.5	0.00	0.69	na	na	1.7	3.7	17.1	60	364	0.05	6.5	
#####	14.5	58	-4.6	24	3.1	38	4.6	40	5.7	42	78	5.4	22.9	0.21	0.90	na	na	2.6	5.9	40.4	140	236	0.02	6.4	
#####	17.9	64	1.8	35	8.5	47	7.2	45	7.4	45	87	6.5	29.4	0.26	1.16	na	na	2.1	4.6	15.3	203	64	0.04	6.8	
#####	19.2	67	5.5	42	11.8	53	9.3	49	9.3	49	80	0.0	29.4	0.00	1.16	na	na	1.8	4.0	15.3	43	172	0.06	7.4	
#####	20.6	69	3.7	39	11.4	53	10.4	51	10.5	51	86	0.0	29.4	0.00	1.16	na	na	1.4	3.1	15.3	44	225	0.07	7.7	
#####	23.2	74	5.3	42	12.9	55	11.2	52	11.2	52	83	0.0	29.4	0.00	1.16	na	na	2.0	4.5	31.4	243	295	0.06	8.0	
#####	18.9	66	3.7	39	11.3	52	11.8	53	12.1	54	79	0.0	29.4	0.00	1.16	na	na	1.5	3.5	11.7	112	211	0.05	8.2	
#####	17.1	63	3.8	39	9.1	48	10.7	51	11.3	52	85	0.0	29.4	0.00	1.16	na	na	1.5	3.3	13.5	69	222	0.06	8.3	
#####	16.9	62	1.8	35	8.8	48	10.0	50	10.6	51	81	0.0	29.4	0.00	1.16	na	na	1.5	3.4	11.7	43	249	0.06	8.3	
#####	15.7	60	6.5	44	10.9	52	10.2	50	10.6	51	76	0.3	29.7	0.01	1.17	na	na	1.8	4.0	15.3	180	247	0.03	8.3	
#####	15.3	60	2.3	36	9.5	49	9.9	50	10.5	51	75	0.0	29.7	0.00	1.17	na	na	1.5	3.4	15.3	204	92	0.06	8.3	
#####	15.3	60	3.3	38	10.9	52	10.1	50	10.5	51	82	6.1	35.8	0.24	1.41	na	na	2.8	6.2	26.1	229	239	0.02	8.4	
#####	14.3	58	-0.7	31	7.4	45	9.6	49	10.3	51	69	0.0	35.8	0.00	1.41	na	na	2.9	6.4	24.3	263	58	0.07	8.9	
#####	16.0	61	-2.3	28	7.3	45	7.8	46	8.6	48	70	0.0	35.8	0.00	1.41	na	na	1.6	3.6	15.3	42	314	0.06	9.0	
#####	18.9	66	5.1	41	10.7	51	9.2	49	9.7	49	71	5.3	41.1	0.21	1.62	na	na	5.8	13.0	47.5	234	251	0.04	9.5	
#####	9.1	48	0.1	32	4.6	40	7.2	45	8.3	47	77	0.0	41.1	0.00	1.62	na	na	4.9	11.0	27.8	257	38	0.03	10.4	
#####	8.7	48	-4.9	23	2.0	36	5.6	42	6.6	44	81	0.0	41.1	0.00	1.62	na	na	1.6	3.7	13.5	157	143	0.04	10.7	
#####	11.3	52	0.5	33	5.6	42	5.9	43	6.6	44	87	2.6	43.7	0.10	1.72	na	na	1.2	2.7	13.5	143	218	0.01	11.0	
#####	17.8	64	6.8	44	12.5	54	8.4	47	8.4	47	76	0.0</													

#####	11.4	53	-1.8	29	6.0	43	3.2	38	3.9	39	49	0.0	52.1	0.00	2.05	na	na	3.5	7.7	33.2	149	102	0.04	11.9
#####	14.1	57	0.0	32	11.3	52	4.8	41	5.0	41	30	0.0	52.1	0.00	2.05	na	na	10.0	22.5	47.5	152	90	0.08	12.0
#####	15.2	59	3.0	37	9.3	49	6.1	43	6.2	43	64	3.0	55.1	0.12	2.17	na	na	4.3	9.6	49.3	190	59	0.03	12.0
#####	10.7	51	-1.9	29	3.6	38	4.9	41	5.7	42	76	8.9	64.0	0.35	2.52	na	na	1.7	3.8	13.5	59	193	0.04	12.1
#####	13.4	56	1.4	35	10.1	50	5.0	41	5.4	42	43	2.0	66.0	0.08	2.60	na	na	8.4	18.7	56.5	153	82	0.07	12.1
#####	14.8	59	3.7	39	9.7	49	5.9	43	6.3	43	49	4.5	70.5	0.18	2.78	0.18	0.18	7.3	16.3	49.3	186	42	0.07	12.2
#####	7.6	46	1.6	35	4.9	41	4.9	41	5.6	42	61	0.0	70.5	0.00	2.78	0.25	0.01	4.7	10.4	35.0	196	141	0.04	12.8
#####	9.1	48	1.6	35	6.0	43	4.5	40	5.2	41	57	1.4	72.0	0.06	2.83	0.76	0.03	8.1	18.2	45.7	217	32	0.05	12.9
#####	10.8	51	-1.2	30	4.3	40	3.9	39	4.6	40	60	0.0	72.0	0.00	2.83	0.25	0.01	1.8	4.0	13.5	164	120	0.03	12.8
#####	15.7	60	-1.1	30	6.8	44	4.0	39	4.5	40	59	0.0	72.0	0.00	2.83	0.51	0.02	1.5	3.4	11.7	127	169	0.04	12.8
#####	10.4	51	-2.9	27	3.2	38	3.8	39	4.4	40	82	0.0	72.0	0.00	2.83	0.00	0.00	1.8	4.0	13.5	207	192	0.03	12.7
#####	10.9	52	0.8	33	5.4	42	3.9	39	4.4	40	81	1.8	73.7	0.07	2.90	0.76	0.03	1.8	4.0	22.5	194	63	0.01	12.6
#####	9.7	49	1.3	34	4.9	41	4.9	41	5.2	41	94	16.1	89.8	0.63	3.54	16.00	0.63	1.9	4.3	17.1	260	37	0.01	16.0
#####	8.1	47	-1.6	29	2.2	36	3.7	39	4.5	40	87	0.0	89.8	0.00	3.54	0.00	0.00	1.4	3.2	11.7	194	190	0.03	17.1
#####	11.1	52	-2.3	28	2.6	37	2.9	37	3.7	39	85	0.0	89.8	0.00	3.54	0.00	0.00	1.2	2.6	10.0	67	145	0.02	16.6
#####	10.2	50	-3.2	26	3.6	38	2.6	37	3.2	38	81	0.1	89.9	0.00	3.54	0.00	0.00	1.3	3.0	13.5	212	160	0.03	16.2
#####	5.7	42	-5.6	22	0.4	33	3.1	38	3.7	39	96	0.0	89.9	0.00	3.54	0.00	0.00	1.4	3.1	11.7	8	49	0.01	16.0
#####	1.4	35	-7.9	18	-3.7	25	1.3	34	2.4	36	91	0.0	89.9	0.00	3.54	0.00	0.00	1.2	2.6	10.0	95	151	0.02	15.5
#####	-1.3	30	-5.1	23	-2.6	27	0.7	33	1.6	35	87	0.0	89.9	0.00	3.54	0.00	0.00	1.2	2.7	8.2	283	79	0.01	15.2
#####	-2.2	28	-6.3	21	-3.8	25	0.6	33	1.4	35	93	0.0	89.9	0.00	3.54	0.00	0.00	1.7	3.9	11.7	264	54	0.01	15.1
#####	-0.4	31	-5.4	22	-3.1	26	0.5	33	1.3	34	86	0.0	89.9	0.00	3.54	0.00	0.00	1.9	4.3	11.7	351	87	0.01	14.9
#####	0.6	33	-10.5	13	-4.0	25	0.3	33	1.1	34	57	0.0	89.9	0.00	3.54	0.00	0.00	3.1	6.8	18.9	58	130	0.03	14.6
#####	-7.9	18	-17.5	1	-12.2	10	-0.1	32	0.8	33	66	0.0	89.9	0.00	3.54	0.00	0.00	2.6	5.8	17.1	223	179	0.02	13.7
#####	-7.8	18	-18.7	-2	-14.4	6	-1.3	30	0.3	33	70	0.0	89.9	0.00	3.54	0.00	0.00	1.5	3.4	11.7	41	194	0.02	10.4
#####	-4.1	25	-18.9	-2	-11.5	11	-2.1	28	-0.2	32	62	0.0	89.9	0.00	3.54	0.00	0.00	1.3	2.9	11.7	22	175	0.02	7.9
#####	-3.5	26	-18.9	-2	-12.3	10	-2.8	27	-1.0	30	69	0.0	89.9	0.00	3.54	0.00	0.00	1.4	3.2	11.7	95	183	0.02	7.4
#####	-1.4	29	-17.9	0	-10.9	12	-3.2	26	-1.6	29	72	0.0	89.9	0.00	3.54	0.00	0.00	1.4	3.0	8.2	83	188	0.02	7.2
#####	-5.5	22	-8.2	17	-7.0	19	-2.1	28	-1.2	30	90	0.0	89.9	0.00	3.54	0.91	0.39	1.6	3.6	10.0	248	64	0.00	7.3
#####	-1.7	29	-14.1	7	-7.8	18	-1.3	30	-0.7	31	94	0.6	90.5	0.02	3.56	3.05	0.12	1.5	3.4	8.2	163	45	0.00	7.5
#####	5.1	41	-5.9	21	-1.4	30	-1.0	30	-0.5	31	87	2.4	92.9	0.10	3.66	0.25	0.01	3.6	8.2	22.5	60	136	0.01	7.7
#####	9.3	49	-2.2	28	4.5	40	-0.5	31	-0.2	32	81	19.8	112.7	0.78	4.44	11.94	0.47	3.2	7.2	29.6	174	45	0.01	12.3
#####	12.5	54	3.3	38	7.2	45	-0.1	32	0.1	32	80	8.6	121.3	0.34	4.78	7.37	0.29	2.0	4.4	27.8	149	99	0.02	21.9
#####	10.6	51	1.2	34	5.2	41	-0.1	32	0.1	32	89	0.7	122.0	0.03	4.80	0.00	0.00	1.9	4.2	11.7	84	87	0.01	21.6
#####	3.4	38	0.2	32	1.1	34	-0.1	32	0.1	32	99	0.1	122.1	0.00	4.81	0.00	0.00	1.6	3.6	10.0	119	46	0.01	21.2
#####	10.6	51	0.0	32	3.3	38	-0.1	32	0.1	32	97	1.0	123.1	0.04	4.85	0.00	0.00	1.6	3.5	10.0	206	44	0.01	21.0
#####	10.7	51	-0.1	32	3.4	38	-0.1	32	0.1	32	93	2.1	125.2	0.08	4.93	na	na	1.8	4.0	17.1	213	37	0.01	21.4
#####	12.4	54	1.2	34	6.6	44	0.2	32	0.2	32	76	2.9	128.0	0.11	5.04	na	na	3.5	7.9	40.4	182	40	0.02	24.1
#####	3.7	39	-2.0	28	0.7	33	-0.1	32	0.2	32	80	0.0	128.0	0.00	5.04	na	na	2.0	4.5	15.3	210	143	0.02	23.9
#####	3.3	38	-5.4	22	-1.5	29	-0.1	32	0.2	32	87	0.0	128.0	0.00	5.04	na	na	1.4	3.1	13.5	65	175	0.02	21.8
#####	-1.4	29	-6.1	21	-3.9	25	-0.1	32	0.2	32	96	0.1	128.1	0.00	5.05	na	na	1.9	4.2	11.7	35	92	0.01	20.4
#####	-2.9	27	-4.1	25	-3.5	26	-0.1	32	0.2	32	92	0.0	128.1	0.00	5.05	na	na	1.6	3.6	8.2	32	21	0.00	19.7
#####	-2.6	27	-4.6	24	-3.9	25	-0.1	32	0.2	32	92	0.0	128.1	0.00	5.05	na	na	2.0	4.5	11.7	47	42	0.01	18.8
#####	-3.8	25	-4.8	23	-4.4	24	-0.1	32	0.3	32	95	0.0	128.1	0.00	5.05	na	na	1.5	3.4	8.2	38	29	0.00	17.9
#####	-2.2	28	-4.5	24	-3.7	25	-0.1	32	0.3	33	94	0.2	128.4	0.01	5.05	na	na	1.8	4.1	8.2	43	68	0.01	17.1
#####	-3.2	26	-4.9	23	-4.1	25	-0.2	32	0.4	33	94	0.0	128.4	0.00	5.05	na	na	1.7	3.8	11.7	3	36	0.00	16.7
#####	0.4	33	-5.7	22	-3.5	26	-0.2	32	0.4	33	96	3.4	131.8	0.14	5.19	na	na	1.2	2.7	8.2	88	109	0.01	16.3
#####	6.7	44	-5.9	21	1.1	34	-0.2	32	0.4	33	85	5.4	137.2	0.21	5.40	na	na	2.0	4.5	27.8	135	50	0.01	18.6
#####	13.6	56	0.3	33	6.9	44	-0.1	32	0.5	33	74	1.8	139.0	0.07	5.47	na	na	2.8	6.2	47.5	172	115	0.03	23.9
#####	9.2	48	-1.2	30	4.0	39	-0.1	32	0.5	33	79	0.0	139.0	0.00	5.47	na	na	1.8	3.9	15.3	155	114	0.02	23.0
#####	4.2	40	-1.7	29	1.0	34	-0.1	32	0.5	33	92	0.0	139.0	0.00	5.47	na	na	1.5	3.4	15.3	88	65	0.01	22.1
#####	4.3	40	-0.7	31	0.3	33	-0.1	32	0.5	33	100	1.4	140.4	0.06	5.53	na	na	1.8	4.0	17.1	237	32	0.00	21.6
#####	4.1	39	0.6	33	1.7	35	-0.1	32	0.5	33	99	7.1	147.4	0.28	5.81	na	na	1.3	2.9	11.7	28	24	0.00	23.4
#####	1.5	35	-0.5	31	0.2	32	-0.1	32	0.5	33	94	0.0	147.4	0.00	5.81	na	na	1.5	3.3	11.7	260	45	0.01	23.3
#####	-0.3	32	-3.9	25	-2.8	27	0.0	32	0.5	33	96	0.0	147.4	0.00	5.81	na	na	2.9	6.6	15.3	40	41	0.00	22.1
#####	-1.3	30	-4.6	24	-3.1	26	0.0	32	0.6	33	96	0.0	147.4	0.00	5.81	na	na	2.1	4.6	13.5	37	70	0.01	20.9
#####	1.1	34	-1.6	29	-0.6	31	0.0	32	0.6	33	96	0.8	148.2	0.03	5.84	na	na	1.7	3.9	11.7	63	77	0.01	20.3
#####	0.0	32	-1.8	29	-0.8	31	0.0	32	0.6	33	99	0.0	148.2	0.00	5.84	na	na	1.5	3.4	13.5	354	37	0.00	20.2
#####	15.6	60	-1.8	29	5.4	42	0.1	32	0.6	33	77	0.4	148.6	0.02	5.85	na	na	3.0	6.7	42.2	206	93	0.03	20.4
#####	14.1	57	1.0	34	9.4	49	1.9	35	1.8	35	62	0.0	148.6	0.00	5.85	na	na	3.9	8.7	38.6	147	64	0.03	20.8
#####	12.4	54	5.3	41	9.0	48	3.8	39	3.6	38	72	2.8	151.4	0.11	5.96	na	na	3.2	7.2	29.6	178	75	0.03	20.7
#####	13.4	56	0.4	33	7.6	46	3.8	39	3.9	39	61	0.0	151.4	0.00	5.96	na	na	1.9	4.3	13.5	180	152	0.04	20.4
#####	16.5	62	5.4																					

#####	7.8	46	-1.0	30	2.5	37	4.7	40	5.1	41	96	0.3	178.1	0.01	7.01	na	na	1.7	3.8	15.3	58	124	0.02	20.1
#####	10.5	51	7.5	45	8.8	48	5.1	41	5.1	41	57	0.1	178.2	0.00	7.02	na	na	5.4	12.1	29.6	121	171	0.03	19.7
#####	12.4	54	2.7	37	6.9	44	5.6	42	5.7	42	81	3.0	181.2	0.12	7.13	na	na	2.6	5.9	22.5	109	160	0.03	19.7
#####	9.4	49	-0.2	32	3.8	39	4.8	41	5.3	42	90	0.0	181.2	0.00	7.13	na	na	2.2	5.0	15.3	58	230	0.03	19.5
#####	6.8	44	3.2	38	4.8	41	5.3	42	5.6	42	89	0.0	181.2	0.00	7.13	na	na	0.9	2.0	6.4	216	77	0.01	19.1
#####	10.6	51	2.8	37	5.2	41	5.7	42	5.9	43	88	0.0	181.2	0.00	7.13	na	na	1.9	4.3	15.3	53	146	0.03	18.8
#####	9.8	50	1.4	34	4.4	40	5.7	42	6.0	43	90	0.0	181.2	0.00	7.13	na	na	1.4	3.1	11.7	58	146	0.02	18.5
#####	10.6	51	-1.1	30	4.5	40	5.2	41	5.7	42	81	0.9	182.1	0.04	7.17	na	na	1.6	3.6	20.7	276	171	0.04	18.3
#####	12.4	54	3.3	38	8.3	47	5.9	43	6.1	43	75	1.1	183.2	0.04	7.21	na	na	2.4	5.4	29.6	144	97	0.03	18.2
#####	13.8	57	0.9	34	8.3	47	6.4	44	6.7	44	69	0.0	183.2	0.00	7.21	na	na	2.5	5.7	29.6	211	105	0.04	18.1
#####	12.7	55	0.7	33	7.4	45	5.6	42	6.1	43	66	0.0	183.2	0.00	7.21	na	na	2.3	5.2	15.3	112	142	0.04	17.8
#####	10.9	52	4.9	41	8.3	47	6.5	44	6.7	44	82	5.8	189.0	0.23	7.44	na	na	2.1	4.6	18.9	131	57	0.02	18.2
#####	11.6	53	2.2	36	7.0	45	6.8	44	7.0	45	87	0.1	189.1	0.00	7.45	na	na	2.4	5.3	15.3	65	229	0.04	19.3
#####	14.0	57	1.8	35	8.1	47	7.2	45	7.4	45	85	1.7	190.8	0.07	7.51	na	na	1.9	4.2	13.5	199	189	0.04	19.2
#####	9.1	48	-1.4	29	3.8	39	6.3	43	6.9	44	93	0.0	190.8	0.00	7.51	na	na	1.7	3.7	11.7	59	124	0.02	18.9
#####	8.2	47	-2.6	27	2.5	36	5.5	42	6.1	43	93	0.0	190.8	0.00	7.51	na	na	1.6	3.5	11.7	41	143	0.02	18.6
#####	6.9	44	-3.5	26	1.2	34	4.8	41	5.6	42	89	0.0	190.8	0.00	7.51	na	na	1.5	3.4	11.7	171	200	0.03	18.3
#####	7.4	45	-5.6	22	0.3	33	3.6	39	4.6	40	80	0.1	190.9	0.00	7.51	na	na	1.7	3.8	15.3	61	284	0.05	17.9
#####	7.3	45	-6.8	20	-0.8	31	2.4	36	3.5	38	72	0.0	190.9	0.00	7.51	na	na	1.5	3.4	13.5	48	326	0.05	17.6
#####	11.6	53	-6.2	21	1.2	34	2.0	36	2.9	37	67	0.0	190.9	0.00	7.51	na	na	1.4	3.1	10.0	16	331	0.06	17.3
#####	13.6	57	-2.6	27	6.4	43	2.7	37	3.1	38	49	0.0	190.9	0.00	7.51	na	na	2.9	6.4	27.8	150	269	0.08	17.2
#####	11.4	53	3.8	39	7.1	45	4.6	40	4.7	40	80	5.0	195.8	0.20	7.71	na	na	2.7	6.1	26.1	203	167	0.03	18.1
#####	14.3	58	2.0	36	8.1	47	5.5	42	5.5	42	64	0.1	195.9	0.00	7.71	na	na	3.2	7.2	35.0	177	323	0.07	18.2
#####	12.7	55	7.4	45	10.2	50	5.8	42	6.0	43	52	0.3	196.2	0.01	7.73	na	na	7.5	16.9	44.0	140	39	0.05	17.8
#####	16.1	61	-0.3	31	8.4	47	6.5	44	6.6	44	66	0.0	196.2	0.00	7.73	na	na	2.7	6.1	36.8	46	315	0.08	17.5
#####	15.5	60	-2.5	27	5.4	42	5.7	42	6.1	43	77	0.0	196.2	0.00	7.73	na	na	1.7	3.8	13.5	14	373	0.08	17.1
#####	19.4	67	0.0	32	10.8	51	6.1	43	6.3	43	52	0.0	196.2	0.00	7.73	na	na	2.8	6.2	22.5	111	364	0.11	16.8
#####	18.0	64	6.6	44	12.3	54	7.5	46	7.5	45	54	0.0	196.2	0.00	7.73	na	na	3.9	8.8	33.2	140	229	0.09	16.4
#####	14.3	58	0.9	34	7.8	46	7.8	46	8.0	46	84	2.0	198.2	0.08	7.80	na	na	2.0	4.4	18.9	75	277	0.06	16.5
#####	11.1	52	0.1	32	5.9	43	7.2	45	7.6	46	83	0.0	198.2	0.00	7.80	na	na	1.7	3.9	13.5	234	160	0.04	16.3
#####	12.9	55	-1.0	30	6.2	43	7.3	45	7.7	46	76	0.0	198.2	0.00	7.80	na	na	1.6	3.6	17.1	38	365	0.08	16.1
#####	14.3	58	-2.3	28	4.6	40	6.4	44	7.0	45	80	0.0	198.2	0.00	7.80	na	na	1.7	3.7	15.3	41	383	0.07	15.8
#####	15.3	60	-2.4	28	7.0	45	6.4	43	6.8	44	71	0.1	198.3	0.00	7.81	na	na	2.2	5.0	18.9	255	405	0.09	15.6
#####	9.5	49	-0.8	31	5.2	41	6.6	44	7.2	45	63	0.2	198.6	0.01	7.82	na	na	4.4	10.0	27.8	237	206	0.05	15.3
#####	6.4	44	-2.1	28	1.4	35	4.9	41	5.9	43	55	0.0	198.6	0.00	7.82	na	na	3.2	7.1	22.5	215	343	0.06	15.1
#####	9.3	49	-4.7	24	2.6	37	4.7	41	5.5	42	64	0.0	198.6	0.00	7.82	0.00	0.00	2.3	5.0	24.3	209	298	0.06	14.9
#####	13.7	57	-1.7	29	7.4	45	4.8	41	5.4	42	55	1.0	199.5	0.04	7.86	1.27	0.05	3.2	7.1	27.8	157	119	0.06	14.7
#####	13.7	57	0.2	32	8.2	47	5.8	42	6.2	43	60	12.2	211.8	0.48	8.34	10.67	0.42	5.1	11.4	35.0	154	55	0.06	15.5
#####	10.0	50	-2.8	27	3.9	39	5.0	41	5.6	42	72	0.1	211.9	0.00	8.34	0.00	0.00	3.6	8.2	27.8	243	338	0.06	19.1
#####	11.8	53	-3.8	25	3.8	39	4.7	40	5.2	41	72	0.0	211.9	0.00	8.34	0.00	0.00	1.9	4.2	15.3	55	433	0.08	18.4
#####	17.2	63	-1.9	29	8.5	47	5.6	42	5.8	43	59	0.0	211.9	0.00	8.34	0.00	0.00	2.4	5.3	18.9	74	391	0.10	17.9
#####	23.6	74	6.0	43	14.1	57	7.7	46	7.5	45	45	0.0	211.9	0.00	8.34	0.00	0.00	3.3	7.3	35.0	207	368	0.12	17.4
#####	12.5	54	-0.2	32	7.1	45	8.0	46	8.2	47	60	0.0	211.9	0.00	8.34	0.00	0.00	2.4	5.4	17.1	250	442	0.09	16.7
#####	12.0	54	-2.4	28	5.3	41	7.4	45	7.6	46	57	0.0	211.9	0.00	8.34	0.00	0.00	1.7	3.8	13.5	357	441	0.04	16.2
#####	13.1	56	-5.5	22	4.8	41	5.9	43	6.5	44	60	0.0	211.9	0.00	8.34	0.00	0.00	2.2	4.9	22.5	33	478	0.10	15.7
#####	19.3	67	-4.2	24	6.6	44	6.2	43	6.6	44	63	0.0	211.9	0.00	8.34	0.00	0.00	1.7	3.9	15.3	118	441	0.11	15.2
#####	11.9	53	-0.2	32	6.7	44	6.7	44	7.2	45	80	0.9	212.8	0.04	8.38	0.76	0.03	2.1	4.6	15.3	201	115	0.03	15.0
#####	12.6	55	2.5	36	7.1	45	7.0	45	7.4	45	63	0.0	212.8	0.00	8.38	0.00	0.00	3.7	8.3	24.3	235	400	0.09	14.8
#####	14.7	58	-4.1	25	5.1	41	6.7	44	7.2	45	69	0.0	212.8	0.00	8.38	0.00	0.00	2.0	4.4	20.7	42	490	0.10	14.5
#####	19.4	67	-2.5	27	9.9	50	7.1	45	7.5	45	49	0.0	212.8	0.00	8.38	0.00	0.00	3.9	8.7	29.6	107	409	0.14	14.2
#####	15.7	60	6.6	44	10.5	51	8.2	47	8.4	47	52	0.8	213.5	0.03	8.41	0.00	0.00	4.5	10.0	33.2	234	235	0.08	13.9
#####	12.6	55	2.9	37	7.2	45	7.7	46	8.2	47	58	1.2	214.8	0.05	8.46	0.51	0.02	5.4	12.1	36.8	240	400	0.09	13.7
#####	19.1	66	-2.5	27	9.9	50	7.5	46	7.9	46	48	0.0	214.8	0.00	8.46	0.00	0.00	3.9	8.7	44.0	128	467	0.15	13.4
#####	15.9	61	6.8	44	11.8	53	9.1	48	9.1	48	54	4.9	219.6	0.19	8.65	3.56	0.14	2.9	6.6	45.7	33	240	0.08	13.2
#####	19.3	67	2.9	37	8.9	48	9.2	48	9.5	49	82	8.8	228.4	0.35	8.99	7.87	0.31	3.7	8.4	49.3	210	151	0.05	14.8
#####	8.0	46	0.1	32	4.1	39	7.6	46	8.4	47	82	3.8	232.2	0.15	9.14	3.56	0.14	2.4	5.4	22.5	191	188	0.04	17.6
#####	10.6	51	-0.7	31	4.4	40	7.2	45	7.8	46	75	0.4	232.6	0.02	9.16	0.00	0.00	1.7	3.9	17.1	193	357	0.07	18.0
#####	11.4	52	-1.2	30	5.0	41	7.2	45	7.8	46	62	0.0	232.6	0.00	9.16	0.00	0.00	3.2	7.1	26.1	225	493	0.09	17.5
#####	9.1	48	-0.6	31	4.7	40	6.1	43	7.0	45	70	6.2	238.8	0.24	9.40	5.33	0.21	4.8	10.8	44.0	166	102	0.03	17.9
#####	9.1	48	-0.4	31	4.6	40	5.9	43	6.6	44	57	0.0	238.8	0.00	9.40	0.00	0.00	3.7	8.2	26.1	215	336	0.07	18.4
#####	11.8	53	-2.0	28	7.3	45	5.8	42	6.4	44	47	0.0	238.8	0.00	9.40	0.00	0.00	5.9	13.3					

#####	12.8	55	4.3	40	9.4	49	11.6	53	12.5	54	59	0.0	279.3	0.00	11.00	0.00	0.00	5.7	12.7	35.0	255	572	0.12	17.8
#####	15.8	60	2.3	36	8.5	47	11.4	53	11.9	53	60	0.0	279.3	0.00	11.00	0.00	0.00	1.9	4.3	15.3	203	585	0.13	17.0
#####	19.3	67	1.4	35	11.5	53	12.0	54	12.3	54	66	0.0	279.3	0.00	11.00	0.00	0.00	2.1	4.6	17.1	60	418	0.12	16.2
#####	17.1	63	5.4	42	10.7	51	12.3	54	12.8	55	76	24.1	303.5	0.95	11.95	22.35	0.88	4.0	8.8	27.8	242	262	0.06	19.0
#####	13.5	56	3.9	39	8.2	47	10.5	51	11.5	53	63	0.2	303.7	0.01	11.96	0.00	0.00	6.6	14.8	36.8	252	546	0.12	22.2
#####	12.0	54	4.8	41	8.0	46	9.6	49	10.6	51	63	0.0	303.7	0.00	11.96	0.00	0.00	6.6	14.8	36.8	264	250	0.07	20.5
#####	15.4	60	5.0	41	9.1	48	10.0	50	10.6	51	61	0.0	303.7	0.00	11.96	0.00	0.00	5.3	11.9	27.8	245	351	0.10	19.5
#####	14.9	59	5.5	42	9.3	49	10.1	50	10.7	51	66	0.8	304.4	0.03	11.99	0.51	0.02	6.4	14.3	36.8	267	400	0.10	18.6
#####	15.0	59	4.0	39	9.4	49	10.4	51	10.9	52	63	0.4	304.9	0.02	12.00	0.00	0.00	4.0	9.0	26.1	236	462	0.11	17.8
#####	15.6	60	2.9	37	9.0	48	10.6	51	11.3	52	66	1.0	305.9	0.04	12.04	0.76	0.03	8.0	18.0	51.1	253	405	0.10	17.2
#####	11.7	53	0.3	33	6.2	43	9.3	49	10.2	50	57	0.0	305.9	0.00	12.04	0.00	0.00	4.3	9.6	31.4	244	501	0.11	16.5
#####	9.2	49	0.2	32	3.3	38	9.3	49	10.1	50	86	1.7	307.5	0.07	12.11	1.02	0.04	2.9	6.4	24.3	224	262	0.04	16.2
#####	14.7	58	1.2	34	7.1	45	10.2	50	10.4	51	63	0.0	307.5	0.00	12.11	0.00	0.00	2.2	5.0	15.3	199	611	0.13	16.0
#####	16.2	61	0.4	33	9.8	50	10.6	51	11.0	52	57	0.0	307.5	0.00	12.11	0.00	0.00	2.9	6.5	29.6	69	394	0.11	15.4
#####	17.0	63	2.1	36	9.7	49	12.3	54	12.2	54	73	3.0	310.5	0.12	12.22	2.03	0.08	1.7	3.8	15.3	300	547	0.12	15.3
#####	19.4	67	-0.8	31	9.8	50	12.5	55	12.8	55	60	0.0	310.5	0.00	12.22	0.00	0.00	2.0	4.4	20.7	36	723	0.19	14.9
#####	12.5	55	1.6	35	7.8	46	12.0	54	12.6	55	82	7.7	318.2	0.30	12.53	6.35	0.25	2.2	5.0	24.3	223	285	0.06	15.5
#####	21.0	70	6.6	44	12.7	55	13.8	57	13.6	57	67	0.3	318.5	0.01	12.54	0.25	0.01	2.5	5.7	27.8	233	538	0.14	16.6
#####	21.1	70	3.1	38	12.6	55	14.5	58	14.6	58	60	0.0	318.5	0.00	12.54	0.00	0.00	2.1	4.7	17.1	202	618	0.16	15.5
#####	23.9	75	2.4	36	13.8	57	14.8	59	15.0	59	60	0.0	318.5	0.00	12.54	0.00	0.00	1.7	3.8	15.3	16	656	0.18	14.3
#####	26.7	80	4.5	40	17.3	63	15.9	61	15.8	60	55	0.0	318.5	0.00	12.54	0.00	0.00	1.7	3.8	13.5	333	654	0.20	13.2
#####	28.3	83	8.9	48	18.4	65	17.3	63	17.1	63	58	0.0	318.5	0.00	12.54	0.00	0.00	1.4	3.2	10.0	311	650	0.20	12.2
#####	27.9	82	11.5	53	19.3	67	17.8	64	17.8	64	61	0.0	318.5	0.00	12.54	0.00	0.00	2.0	4.4	13.5	29	469	0.16	11.4
#####	26.0	79	10.3	51	17.0	63	17.6	64	17.8	64	70	7.6	326.1	0.30	12.84	6.60	0.26	2.6	5.7	27.8	29	449	0.15	10.7
#####	17.6	64	9.8	50	13.4	56	16.0	61	16.7	62	79	15.2	341.4	0.60	13.44	6.60	0.26	3.8	8.6	22.5	236	295	0.07	18.2
#####	24.2	76	4.8	41	13.2	56	15.8	60	16.3	61	73	9.3	350.6	0.37	13.80	7.37	0.29	3.0	6.7	42.2	338	478	0.13	18.7
#####	13.3	56	3.2	38	8.7	48	14.4	58	15.3	60	66	0.7	351.3	0.03	13.83	4.57	0.18	3.4	7.6	29.6	239	597	0.12	20.0
#####	12.5	55	0.8	33	7.1	45	13.4	56	14.2	58	79	1.0	352.3	0.04	13.87	2.29	0.09	1.7	3.8	15.3	278	354	0.07	18.5
#####	15.3	59	5.2	41	9.1	48	13.0	55	13.8	57	65	0.1	352.4	0.00	13.87	2.29	0.09	3.9	8.8	27.8	265	447	0.10	17.6
#####	13.3	56	3.3	38	8.8	48	12.7	55	13.5	56	62	0.0	352.4	0.00	13.87	3.81	0.15	3.6	8.0	22.5	247	538	0.12	16.6
#####	18.2	65	-0.7	31	9.9	50	13.6	56	13.9	57	63	0.0	352.4	0.00	13.87	5.33	0.21	1.7	3.7	13.5	264	723	0.17	15.6
#####	21.2	70	5.0	41	14.5	58	14.1	57	14.4	58	55	0.0	352.4	0.00	13.87	3.05	0.12	2.4	5.4	22.5	140	388	0.14	14.7
#####	19.1	66	8.7	48	13.0	55	15.1	59	15.3	59	80	6.3	358.6	0.25	14.12	3.56	0.14	2.1	4.7	22.5	90	444	0.11	15.4
#####	11.5	53	8.1	46	9.8	50	14.0	57	14.7	58	90	8.2	366.8	0.32	14.44	1.52	0.06	2.1	4.6	15.3	188	99	0.02	17.1
#####	13.1	56	7.1	45	10.0	50	12.8	55	13.6	56	82	2.1	368.9	0.08	14.52	0.76	0.03	4.2	9.4	31.4	249	184	0.05	19.3
#####	16.7	62	7.6	46	11.7	53	12.9	55	13.4	56	67	0.0	368.9	0.00	14.52	2.03	0.08	4.0	9.0	24.3	242	373	0.10	18.6
#####	20.5	69	2.5	36	13.9	57	14.2	58	14.3	58	67	0.4	369.3	0.02	14.54	4.06	0.16	2.0	4.4	15.3	226	569	0.15	17.5
#####	20.3	69	11.8	53	15.0	59	16.6	62	16.3	61	81	5.4	374.7	0.21	14.75	1.78	0.07	2.1	4.6	17.1	203	439	0.11	17.6
#####	19.2	67	12.1	54	15.6	60	17.2	63	17.3	63	69	0.0	374.7	0.00	14.75	2.03	0.08	1.9	4.1	15.3	221	507	0.13	17.8
#####	19.5	67	11.9	53	14.8	59	16.9	62	17.3	63	91	30.8	405.5	1.21	15.96	3.81	0.15	2.0	4.6	17.1	176	131	0.04	21.3
#####	16.3	61	8.2	47	12.7	55	16.6	62	16.9	62	75	2.1	407.6	0.08	16.05	2.54	0.10	2.0	4.4	17.1	279	461	0.11	22.1
#####	19.7	67	10.0	50	14.8	59	17.2	63	17.5	63	79	5.3	412.9	0.21	16.25	3.56	0.14	4.0	8.9	27.8	265	557	0.13	22.4
#####	21.4	70	5.0	41	14.9	59	17.5	63	17.7	64	64	0.0	412.9	0.00	16.25	4.06	0.16	2.1	4.7	17.1	41	751	0.13	20.6
#####	20.3	68	12.1	54	16.4	61	18.6	65	18.6	66	79	1.3	414.2	0.05	16.31	2.29	0.09	2.0	4.4	17.1	316	452	0.12	19.3
#####	20.7	69	7.4	45	15.8	60	18.7	66	19.0	66	66	0.2	414.4	0.01	16.32	4.32	0.17	3.4	7.7	24.3	241	641	0.17	18.5
#####	25.1	77	4.7	41	15.9	61	18.2	65	18.6	65	67	0.4	414.8	0.02	16.33	5.08	0.20	2.6	5.8	17.1	14	656	0.19	17.2
#####	17.5	63	9.5	49	13.6	56	18.2	65	18.8	66	80	16.1	430.9	0.63	16.97	3.81	0.15	2.4	5.4	22.5	207	380	0.04	21.4
#####	17.1	63	7.9	46	12.3	54	16.8	62	17.5	64	72	0.0	430.9	0.00	16.97	3.05	0.12	4.9	11.0	27.8	251	562	0.13	22.6
#####	21.0	70	8.5	47	14.0	57	17.5	64	17.8	64	68	0.0	430.9	0.00	16.97	5.08	0.20	1.9	4.3	15.3	246	625	0.16	20.8
#####	25.5	78	5.7	42	16.2	61	18.1	64	18.3	65	67	0.0	430.9	0.00	16.97	5.84	0.23	2.0	4.4	18.9	31	646	0.19	19.3
#####	28.9	84	7.0	45	18.7	66	19.3	67	19.2	67	61	0.0	430.9	0.00	16.97	5.84	0.23	1.8	4.0	13.5	270	653	0.20	17.8
#####	21.7	71	8.3	47	15.3	60	19.1	66	19.6	67	56	0.0	430.9	0.00	16.97	6.60	0.26	2.7	6.0	18.9	264	742	0.20	16.5
#####	18.1	65	5.6	42	12.0	54	17.5	64	18.5	65	57	0.0	430.9	0.00	16.97	3.81	0.15	3.4	7.6	22.5	254	723	0.18	15.5
#####													430.9	0.00	16.97								0.00	14.9
#####	19.3	67	5.6	42	12.0	54	16.1	61	16.7	62	71	0.9	431.8	0.04	17.00	NAN	NAN	2.4	5.4	17.1	214	351	0.10	14.7
#####	25.8	78	3.4	38	15.7	60	16.9	62	17.2	63	61	0.0	431.8	0.00	17.00	NAN	NAN	3.5	7.8	22.5	40	395	0.22	14.2
#####	20.9	70	10.8	51	15.2	59	17.8	64	18.1	65	80	1.1	432.9	0.04	17.04	NAN	NAN	2.2	5.0	15.3	255	733	0.10	13.6
#####	15.4	60	10.7	51	12.8	55	16.8	62	17.5	64	82	1.9	434.8	0.07	17.12	NAN	NAN	2.2	5.0	15.3	226	371	0.04	13.3
#####	21.1	70	10.8	51	15.2	59	17.5	63	17.7	64	71	0.6	435.4	0.02	17.14	NAN	NAN	2.0	4.5	17.1	199	131	0.12	13.4
#####	26.4																							

#####	23.0	73	6.8	44	14.9	59	22.4	72	23.3	74	48	0.0	435.9	0.00	17.16	0.00	0.00	2.4	5.4	18.9	283	709	0.20	7.1
#####	29.7	85	3.8	39	18.1	65	22.5	73	23.1	74	44	0.0	435.9	0.00	17.16	0.00	0.00	1.7	3.8	18.9	24	736	0.24	7.0
#####	35.5	96	8.3	47	23.2	74	23.7	75	23.9	75	40	0.0	435.9	0.00	17.16	0.00	0.00	1.6	3.7	15.3	313	731	0.28	6.9
#####	33.6	92	9.7	49	23.1	74	23.9	75	24.4	76	33	0.0	435.9	0.00	17.16	0.00	0.00	3.0	6.7	36.8	260	758	0.33	6.8
#####	32.3	90	8.2	47	21.6	71	23.9	75	24.4	76	31	0.0	435.9	0.00	17.16	0.00	0.00	2.1	4.8	17.1	265	752	0.28	6.7
#####	30.2	86	7.5	46	20.8	69	23.4	74	24.1	75	35	0.0	435.9	0.00	17.16	0.00	0.00	3.3	7.4	24.3	254	748	0.29	6.6
#####	30.3	86	9.7	50	20.7	69	24.0	75	24.3	76	38	0.0	435.9	0.00	17.16	0.00	0.00	2.3	5.0	17.1	222	738	0.26	6.5
#####	33.7	93	7.7	46	21.9	71	24.2	75	24.5	76	38	0.0	435.9	0.00	17.16	0.00	0.00	1.8	4.1	18.9	354	737	0.27	6.4
#####	32.6	91	11.8	53	22.9	73	24.6	76	25.0	77	35	0.0	435.9	0.00	17.16	0.00	0.00	2.2	4.9	20.7	352	723	0.28	6.4
#####	30.6	87	11.0	52	22.8	73	23.8	75	24.5	76	38	0.0	435.9	0.00	17.16	0.00	0.00	4.8	10.7	36.8	259	686	0.32	6.3
#####	29.3	85	7.2	45	19.8	68	24.0	75	24.4	76	45	0.0	435.9	0.00	17.16	0.00	0.00	2.0	4.4	18.9	36	735	0.25	6.2
#####	35.0	95	8.5	47	23.1	74	24.6	76	24.8	77	38	0.0	435.9	0.00	17.16	0.00	0.00	1.7	3.7	17.1	40	740	0.27	6.2
#####	38.2	101	10.9	52	25.9	79	25.3	78	25.5	78	32	0.0	435.9	0.00	17.16	0.00	0.00	1.8	4.0	17.1	352	712	0.30	6.1
#####	37.5	99	19.1	66	29.8	86	28.3	83	27.6	82	19	0.0	435.9	0.00	17.16	0.00	0.00	2.1	4.6	15.3	248	615	0.11	6.1
#####	34.1	93	19.6	67	26.3	79	25.9	79	26.1	79	37	0.1	436.0	0.00	17.17	0.00	0.00	2.5	5.5	15.3	84	411	0.20	6.0
#####	29.4	85	14.7	58	23.4	74	24.6	76	25.0	77	49	0.1	436.1	0.00	17.17	0.25	0.01	2.4	5.4	17.1	109	267	0.05	5.9
#####	36.0	97	11.8	53	25.1	77	24.4	76	24.5	76	44	0.0	436.1	0.00	17.17	0.00	0.00	2.2	5.0	18.9	15	665	0.28	5.9
#####	34.8	95	15.5	60	25.8	78	25.9	79	25.8	79	36	0.0	436.1	0.00	17.17	0.00	0.00	2.0	4.5	22.5	276	673	0.27	6.0
#####	31.5	89	13.6	56	22.9	73	25.8	79	26.1	79	40	0.0	436.1	0.00	17.17	0.00	0.00	2.4	5.4	22.5	289	606	0.23	5.9
#####	29.9	86	9.6	49	20.8	69	25.0	77	25.5	78	43	0.0	436.1	0.00	17.17	0.00	0.00	2.1	4.8	22.5	298	685	0.24	5.8
#####	33.5	92	11.0	52	22.7	73	25.1	77	25.4	78	38	0.0	436.1	0.00	17.17	0.00	0.00	1.9	4.2	18.9	315	649	0.25	5.8
#####	32.8	91	9.9	50	22.5	72	25.1	77	25.5	78	37	0.0	436.1	0.00	17.17	0.00	0.00	2.2	4.9	18.9	292	676	0.26	5.8
#####	32.7	91	10.6	51	22.6	73	25.5	78	25.8	78	46	0.0	436.1	0.00	17.17	0.00	0.00	1.9	4.2	20.7	43	639	0.23	5.7
#####	35.2	95	13.5	56	24.7	76	26.2	79	26.2	79	43	0.0	436.1	0.00	17.17	0.00	0.00	1.7	3.9	15.3	11	637	0.24	5.7
#####	32.8	91	16.1	61	25.1	77	26.1	79	26.5	80	38	0.0	436.1	0.00	17.17	0.00	0.00	3.1	6.9	20.7	251	624	0.27	5.7
#####	30.5	87	12.3	54	22.7	73	25.4	78	25.9	79	39	0.0	436.1	0.00	17.17	0.00	0.00	3.3	7.4	26.1	247	671	0.27	5.6
#####	29.3	85	12.5	55	21.6	71	25.7	78	26.0	79	44	0.0	436.1	0.00	17.17	0.00	0.00	2.4	5.4	20.7	250	616	0.22	5.6
#####	30.3	87	9.2	49	20.4	69	24.6	76	25.2	77	40	0.0	436.1	0.00	17.17	0.00	0.00	2.8	6.3	22.5	276	603	0.24	5.5
#####	26.5	80	10.6	51	19.5	67	24.2	76	24.8	77	47	0.3	436.4	0.01	17.18	0.00	0.00	2.3	5.1	20.7	261	594	0.20	5.5
#####	25.3	78	10.5	51	18.5	65	24.1	75	24.7	76	64	3.1	439.5	0.12	17.31	2.29	0.09	2.0	4.5	18.9	232	567	0.17	5.5
#####	31.8	89	10.7	51	21.7	71	23.7	75	24.0	75	47	0.0	439.5	0.00	17.31	0.00	0.00	1.8	4.0	17.1	219	652	0.22	5.6
#####	31.0	88	11.2	52	21.7	71	23.7	75	24.2	75	41	0.0	439.5	0.00	17.31	0.00	0.00	2.8	6.2	22.5	30	645	0.25	5.6
#####	32.9	91	8.8	48	21.8	71	23.8	75	24.1	75	36	0.0	439.5	0.00	17.31	0.00	0.00	2.1	4.7	17.1	44	659	0.25	5.7
#####	34.0	93	9.4	49	22.5	72	24.2	76	24.4	76	35	0.0	439.5	0.00	17.31	0.00	0.00	1.9	4.3	17.1	33	655	0.25	5.7
#####	34.9	95	9.9	50	23.1	74	24.6	76	24.7	76	34	0.0	439.5	0.00	17.31	0.00	0.00	1.7	3.8	17.1	331	649	0.25	5.7
#####	38.5	101	12.2	54	27.1	81	25.0	77	25.0	77	25	0.0	439.5	0.00	17.31	0.00	0.00	1.9	4.2	26.1	309	639	0.28	5.6
#####	33.9	93	18.0	64	25.6	78	25.7	78	25.8	79	34	1.3	440.9	0.05	17.36	0.25	0.01	3.1	6.9	22.5	245	542	0.24	5.6
#####	31.3	88	11.0	52	22.4	72	23.7	75	24.4	76	24	0.0	440.9	0.00	17.36	NAN	NAN	3.7	8.4	27.8	247	641	0.29	5.5
#####	29.6	85	5.6	42	19.3	67	23.1	74	23.6	74	27	0.0	440.9	0.00	17.36	NAN	NAN	2.0	4.4	15.3	345	644	0.23	5.5
#####	28.3	83	6.9	44	19.4	67	22.6	73	23.2	74	30	0.0	440.9	0.00	17.36	NAN	NAN	2.7	6.1	17.1	286	485	0.21	5.4
#####	24.0	75	13.5	56	18.0	64	22.6	73	23.1	74	45	0.0	440.9	0.00	17.36	NAN	NAN	5.4	12.0	35.0	254	579	0.22	5.4
#####	26.6	80	5.4	42	16.6	62	22.8	73	23.0	73	43	0.0	440.9	0.00	17.36	NAN	NAN	2.2	4.8	22.5	353	633	0.20	5.4
#####	31.3	88	4.6	40	18.7	66	22.3	72	22.7	73	37	0.0	440.9	0.00	17.36	NAN	NAN	2.4	5.5	22.5	50	626	0.24	5.3
#####	35.2	95	6.8	44	21.6	71	23.0	73	23.1	74	30	0.0	440.9	0.00	17.36	NAN	NAN	2.1	4.7	22.5	58	621	0.26	5.3
#####	30.6	87	10.7	51	20.1	68	22.6	73	23.1	74	37	0.0	440.9	0.00	17.36	NAN	NAN	5.6	12.5	38.6	258	539	0.27	5.2
#####	22.1	72	6.0	43	14.0	57	23.4	74	23.6	75	39	0.0	440.9	0.00	17.36	NAN	NAN	1.8	3.9	11.7	50	535	0.01	5.2
#####	20.0	68	7.5	46	15.5	60	21.7	71	22.1	72	34	0.0	440.9	0.00	17.36	NAN	NAN	1.5	3.3	8.2	129	302	0.02	5.1
#####	22.9	73	3.2	38	14.4	58	19.9	68	20.6	69	46	0.0	440.9	0.00	17.36	NAN	NAN	2.7	6.0	22.5	247	565	0.18	5.1
#####	21.2	70	7.4	45	14.5	58	20.1	68	20.7	69	52	0.8	441.6	0.03	17.39	NAN	NAN	1.9	4.3	15.3	225	408	0.12	5.1
#####	21.6	71	11.0	52	15.3	60	19.5	67	20.2	68	61	5.3	446.9	0.21	17.60	NAN	NAN	2.9	6.6	20.7	223	336	0.12	5.1