

2004 Sonora Angora Goat Central Performance Test FINAL report

July 29, 2004

R e g No.	Test Flock No.	Birth date	Birth type	Start Wt. 3/10	Final Wt. 6/30	Fleece (180 day basis)					Lock Yield %	Length Avg. in.	Fiber Diam. Avg. microns	Diam. STD microns	Med %	Kemp %	Visual Scores			Scrot. Lock Type	Circ. (cm)	Index Ratio			
						Total ADG lbs	Body ADG lbs	Grease wt. lbs	Clean wt. lbs	Clean wt. lbs							Face	Neck	Char						
*****																									
Pen 1 CERULEAN FARM,, HARRAH , OK																									
Sire:C844																									
R	26	C1574	2/22	S	91	143	.46	.35	20.0	15.0	14.7	74.9	7.93	.15	40.6	11.1	1.75	.08	2.5	3.8	3.8	RF	25.9	55.6	137.6
R	27	C1622	3/11	S	87	161	.66	.58	15.1	9.3	9.2	61.4	6.43	.10	34.7	10.0	1.36	.08	2.8	2.8	4.5	R	31.2	44.7	110.4
R	28	C1546	2/19	S	93	151	.52	.45	11.6	6.6	6.2*	57.0	5.84	.06	35.3	8.2	1.46	.05	1.7	2.7	3.8	RF	27.9	27.5	68.1
Sire:C949																									
R	29	C1525	2/17	S	98	171	.65	.54	20.0	12.3	11.7	61.6	6.59	.20	39.3	11.1	1.40	.08	1.0	3.8	3.5	RF	30.0	53.1	131.3
R	30	C1537	2/18	S	89	153	.57	.46	19.1	12.4	12.2	65.0	5.57	.06	34.4	8.8	0.71	.00	2.7	4.2	3.8	RF	28.8	51.8	128.2
R	31	C1551	2/19	S	91	155	.57	.47	17.2	11.6	11.3	67.2	6.75	.35	40.0	11.7	1.10	.05	1.0	2.7	4.0	RF	29.1	47.0	116.2
Sire:C994																									
R	32	C1549	2/19	S	80	153	.65	.56	16.2	10.6	10.9	65.8	6.91	.36	35.4	9.9	0.96	.00	1.2	3.7	4.2	R	29.9	55.9	138.2
*****																									
Pen 3 Hipsher, Edwin, Santa Anna, TX																									
Sire:KUEBEL 1846																									
R	33	13159	1/23	S	117	173	.50	.36	24.6	16.2	14.7	66.0	7.61	.06	42.3	10.7	1.45	.00	1.0	3.5	3.7	RF	30.0	59.5	147.1
Sire:SANDERS 267																									
R	34	13159	1/29	TW	88	162	.66	.57	15.6	10.8	10.7	69.4	6.48	.06	40.6	14.5	2.53	.18	3.0	3.5	4.0	RF	31.9	41.2	102.0
Sire:KUEBEL 1846																									
R	35	13159	2/7	TR	127	168	.37	.24	22.8	15.0	13.0	65.5	7.02	.15	42.4	10.4	0.95	.08	2.7	3.7	3.8	RF	31.0	42.6	105.4
Sire:SANDERS 267																									
R	36	13159	3/22	TW	95	154	.53	.45	12.9	9.4	8.9	72.8	8.09	.31	36.9	10.3	1.01	.02	1.7	3.0	3.3	RF	31.0	42.3	104.6
*****																									
Pen 4 HOLMAN, Jimmy, SONORA, TX																									
Sire:FLS 2765																									
R	37	0145	./.		86	140	.48	.37	20.0	15.2	15.2	75.9	7.77	.06	41.3	11.1	1.70	.15	2.7	3.0	4.2	RF	29.9	55.0	135.9
Sire:FLS 1974																									
R	38	2407	./.		123	182	.53	.44	15.3	10.6	8.8	69.5	6.70	.15	39.5	10.7	2.36	.00	3.8	4.0	3.3	R	30.1	31.9	78.9
R	39	2422	./.		96	149	.47	.38	17.3	11.2	10.6	64.3	6.32	.12	38.8	11.1	1.26	.00	2.3	3.8	3.8	R	28.2	38.9	96.2
Sire:FLS 2765																									
R	40	0192	./.		111	161	.45	.34	19.0	13.7	12.5	72.1	7.39	.10	38.4	10.4	0.99	.04	3.3	3.8	4.5	R	32.0	49.3	122.0
Sire:																									
N	41	2411	./.		125	198	.65	.55	18.3	13.6	11.7	74.4	7.82	.06	42.6	11.0	2.54	.00	1.0	3.8	4.3	R	29.0	57.6	142.6
N	42	0342	./.		118	189	.63	.54	16.2	11.0	9.5	67.9	7.39	.20	43.1	13.3	2.87	.07	3.0	3.5	3.8	RF	33.0	37.6	92.9
N	43	0343	./.		85	154	.62	.57	8.0	5.8	5.8*	71.9	6.16	.06	28.0	8.7	1.49	.23	4.0	2.2	4.0	R	26.5	33.5	82.9
N	44	0341	./.		98	157	.53	.44	16.1	11.3	10.7	70.1	6.43	.10	35.6	12.4	1.64	.07	2.7	3.5	4.3	R	30.0	46.3	114.6
*****																									
Pen 6 KUEBEL, FRITZ JR, BLANCO, TX																									
Sire:SPECK 2175																									
R	45	1962	1/12	S	86	143	.51	.45	10.2	7.2	7.2*	70.9	6.16	.15	32.5	8.5	0.82	.02	4.2	3.5	3.5	RF	26.2	28.5	70.5
R	46	1968	1/15	TW	103	160	.51	.46	9.6	6.3	5.5*	65.8	6.54	.15	31.9	8.4	1.01	.09	2.5	2.8	3.8	R	27.5	30.6	75.6
R	47	206	2/20	TW	81	138	.51	.43	14.8	10.3	10.4	69.5	5.95	.10	38.6	9.4	0.94	.00	4.5	3.8	4.0	RF	25.1	31.1	77.0

\* after a value indicates reason this animal was not eligible for certification

2004 Sonora Angora Goat Central Performance Test FINAL report

July 29, 2004

R e Test g No.	Flock No.	Birth date	Birth type	Start Final		Total Body		Grease Clean		Clean		Lock Length		Fiber Diam.		Visual Scores			Scrot.		Index Ratio				
				Wt. 3/10	Wt. 6/30	ADG lbs	ADG lbs	wt. lbs	wt. lbs	wt. lbs	Yield %	Avg. in.	STD in.	(microns) Avg.	STD %	Med %	Kemp %	Face	Neck	Char		Lock Type	Circ. (cm)		
*****																									
Pen 7 DEIKE, Larry & Jodie, FREDERICKSBURG																									
Sire:358																									
R	49	878	2/25	S	77	122	.40	.28	21.3	14.0	14.3	65.5	6.54	.06	42.9	12.0	2.76	.06	3.2	4.0	3.2	F	30.2	38.7	95.8
Sire:667																									
R	50	898	3/20	TW	77	137	.54	.43	18.1	11.3	11.7	62.4	6.38	.21	46.6	11.8	1.61	.14	3.5	4.2	2.5	F	27.0	25.2	62.3
Sire:820																									
R	51	904	3/31	TW	103	172	.62	.51	18.1	11.5	10.7	63.9	7.77	.21	36.8	11.3	1.69	.14	2.2	3.5	4.0	RF	31.9	53.2	131.5
Pen 8 RENFROE, C.E., CHRISTOVAL																									
Sire:																									
N	52	3086	./.		87	149	.55	.46	16.9	10.4	10.3	61.9	6.38	.15	41.0	10.8	1.45	.00	2.2	3.5	3.2	RF	30.1	35.0	86.7
N	53	3042	./.		88	150	.55	.46	16.9	13.3	13.1	78.6	6.91	.00	43.2	10.8	0.62	.00	2.7	3.3	2.7	F	33.0	41.6	102.9
Pen 9 Hanson, Glenn, Cranfills Gap, TX																									
Sire:																									
N	54	4-73	./.		60	130	.63	.57	10.4	8.0	9.2	77.5	7.18	.15	34.9	11.7	1.37	.27	3.5	3.0	3.3	RF	30.1	38.2	94.4
N	55	4-83	./.		87	147	.54	.46	12.9	8.5	8.4	65.5	6.48	.15	33.6	9.6	0.91	.07	3.2	3.3	3.8	RF	26.0	36.8	91.0
N	56	4-93	./.		62	123	.54	.45	16.6	12.3	13.4	73.9	7.13	.06	34.8	10.1	1.08	.02	3.0	3.7	4.3	R	26.2	56.0	138.4
Pen 10 FLACH, FREDDIE & MARYALICE, PIPE CREEK, TX																									
Sire:3024																									
R	57	3400	./.	S	73	122	.44	.36	14.0	8.4	9.0	60.0	6.59	.26	33.9	8.6	0.95	.02	4.0	3.7	4.7	R	28.0	33.5	82.9
R	58	3356	3/3	S	84	132	.43	.36	13.0	7.2	7.2*	55.4	6.32	.12	30.3	8.4	0.84	.04	4.5	3.2	3.8	R	31.0	28.0	69.2
R	59	3466	3/3	TW	92	140	.43	.37	10.1	6.9	6.6*	68.3	6.43	.10	30.6	7.9	0.76	.03	4.2	2.8	3.8	R	27.0	27.1	67.1
Sire:2012																									
R	60	3388	2/23	S	103	159	.50	.43	11.6	7.5	6.7*	65.0	7.29	.15	35.7	8.1	0.89	.07	2.3	2.7	3.5	R	33.5	30.9	76.3
R	61	3508	3/3	S	78	137	.53	.45	13.3	9.6	9.9	72.5	6.86	.12	30.8	8.6	0.86	.02	2.8	3.0	4.7	R	26.2	49.5	122.5
Pen 11 NAUMANN, Bonnie & Dale, MEDINA, TX																									
Sire:505/SHORT																									
R	62	759	1/24	S	107	138	.28	.19	14.6	8.6	7.6	59.0	6.27	.10	35.3	10.3	1.42	.06	3.8	3.7	4.2	R	26.3	22.0	54.5
R	63	785	2/27	TW	115	156	.37	.30	12.0	8.6	7.1	71.2	6.38	.15	33.3	11.0	1.45	.25	3.2	3.0	3.8	R	33.2	28.6	70.6
Sire:2519/SPECK																									
R	64	801	3/25	S	102	135	.29	.20	17.7	10.6	9.8	59.8	6.75	.20	39.2	10.4	1.54	.00	2.5	3.7	3.5	RF	28.5	28.4	70.3
Pen 12 HLRS, TX																									
Sire:																									
N	65	3-616	./.		85	159	.66	.58	14.5	10.5	10.5	72.4	7.88	.17	44.2	12.0	4.44	.00	2.7	3.2	3.8	R	30.0	39.3	97.2
N	66	3-644	./.		100	172	.64	.57	13.6	10.3	9.6	75.4	7.82	.23	43.1	10.5	2.34	.03	2.3	2.8	4.2	R	30.5	39.5	97.6
N	67	3-655	./.		92	164	.64	.55	16.8	12.8	12.5	76.4	7.93	.06	46.0	10.9	1.69	.00	2.8	3.3	4.2	RF	27.2	45.1	111.5

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July 29, 2004

R e g No.	Flock No.	Birth date	Birth type	Start Wt. 3/10	Final Wt. 6/30	Fleece (180 day basis)						Lock Yield %	Length Avg. in.	Fiber STD in.	Fiber Diam. Avg. microns	Med %	Kemp %	Visual Scores			Scrot. Lock Type	Circ. (cm)	Index INDE X Ratio		
						Total ADG lbs	Body ADG lbs	Grease wt. lbs	Clean wt. lbs	Clean wt. lbs	Adj. Clean lbs							Face	Neck	Char					
*****																									
Pen 13      ROSS, JOE DAVID, SONORA, TX																									
Sire:																									
N	68	0302	./.	97	145	.43	.36	12.2	8.9	8.3	72.6	6.75	.17	38.0	9.9	1.51	.09	2.0	3.0	4.0	RF	31.2	31.5	77.9	
N	69	0328	./.	81	155	.66	.58	14.6	10.6	10.8	72.7	7.66	.06	40.5	11.2	2.38	.10	1.2	3.5	4.3	R	26.9	51.2	126.6	
N	70	0343	./.	81	138	.51	.43	14.2	9.3	9.5	65.2	6.96	.06	37.1	10.0	1.68	.11	2.7	3.0	3.7	RF	29.0	36.0	89.1	
N	71	0347	./.	84	142	.52	.44	13.7	9.8	9.8	71.4	7.34	.15	37.7	9.5	1.39	.08	2.8	3.0	4.0	R	33.9	38.9	96.3	
N	72	0367	./.	98	148	.45	.38	12.6	9.4	8.8	74.6	7.13	.06	44.3	11.0	1.21	.05	1.7	2.7	3.7	RF	32.9	25.3	62.6	
N	73	052	./.	62	129	.60	.54	11.0	7.8	8.9	71.1	7.93	.12	39.2	10.1	1.08	.02	3.2	3.0	4.5	R	28.3	35.7	88.3	
N	74	133	./.	74	146	.64	.57	12.4	9.6	10.1	77.8	7.13	.06	44.3	14.5	2.85	.00	2.0	2.7	4.2	RF	30.0	35.7	88.2	
Pen 15      BELK, ALLEN, WINTERS, TX																									
Sire:BELK 7141																									
R	75	1253	3/3	S	65	136	.63	.57	11.0	7.5	8.4	67.9	6.43	.20	40.1	12.1	2.14	.19	1.5	3.3	4.2	RF	29.9	34.3	84.8
R	76	1262	3/3	S	57	105*	.43	.37	10.5	7.0	8.3	66.8	7.18	.06	31.6	10.2	0.74	.00	3.7	3.2	4.3	R	26.2	34.0	84.0
R	77	1284	3/3	S	58	126	.61	.52	16.0	9.9	11.2	61.7	6.80	.06	37.0	12.0	1.79	.02	1.8	2.8	2.8	RF	26.2	43.5	107.6
R	78	1286	3/3	S	52	121	.62	.55	12.1	8.4	10.0	69.6	8.46	.21	39.5	11.9	2.72	.09	1.8	2.7	4.5	R	25.8	44.1	109.0
R	79	1292	3/3	S	65	127	.55	.46	16.5	10.4	11.3	62.9	8.04	.00	41.1	11.6	1.74	.02	2.2	3.5	3.8	RF	29.2	42.9	106.1
R	80	1296	3/3	S	52	112	.54	.45	14.8	9.8	11.4	66.1	7.71	.10	35.5	11.7	1.38	.09	0.7	2.7	4.2	RF	28.0	51.5	127.5
Sire:BELK 6046																									
R	81	1310	3/3	S	60	129	.62	.54	13.3	9.1	10.3	68.4	7.50	.32	35.7	14.4	3.03	.00	0.7	2.7	3.5	RF	27.3	48.9	121.0
Pen 17      HABY & HABY, BRACKETTVILLE, TX																									
Sire:FLS 2043																									
R	82	537	3/10	S	61	131	.63	.57	10.3	8.1	9.2	78.5	7.55	.10	33.5	9.5	0.78	.00	3.0	2.8	4.3	R	26.1	45.4	112.3
Sire:FLS 2407																									
R	83	544	3/15	S	56	126	.63	.58	8.1	6.1	7.4*	74.5	7.18	.15	32.6	9.5	1.82	.20	1.7	2.2	4.5	R	27.0	41.4	102.4
Sire:FLS 2043																									
R	84	556	3/15	S	51	114	.56	.49	13.7	9.8	11.4	71.4	7.39	.10	35.7	11.2	1.24	.03	3.3	3.3	4.2	R	29.5	45.5	112.5
R	85	574	3/15	S	50	118	.61	.54	11.5	8.7	10.4	75.9	6.75	.20	33.4	8.6	1.28	.03	3.5	3.5	3.8	R	26.9	43.7	108.1
Sire:FLS 2407																									
R	86	575	3/10	S	52	105*	.47	.41	11.4	8.7	10.3	76.5	7.02	.29	33.9	10.1	1.37	.02	4.0	3.3	4.5	R	26.2	38.4	94.9

\* after a value indicates reason this animal was not eligible for certification

2004 Sonora Angora Goat Central Performance Test, July report

**Diameter report**

TEST No.	Core		Diameter, microns			Standard deviation		
	Diam.	Stan. Dev.	Neck	Side	Britch	Neck	Side	Britch
26	40.56	11.07	41.4	41.7	47.2	10.9	9.7	14.8
27	34.71	10.03	36.9	35.9	37.5	9.4	10.2	15.7
28	35.27	8.24	35.6	36.6	44.6	8.1	8.8	12.1
29	39.32	11.05	43.8	39.9	45.9	11.0	9.9	13.2
30	34.39	8.82	34.1	37.4	37.4	7.3	8.1	8.9
31	39.96	11.66	36.9	42.9	46.9	9.4	12.0	14.2
32	35.44	9.92	35.0	38.3	45.7	9.1	9.8	14.4
33	42.27	10.72	46.3	44.1	46.2	8.9	8.3	10.2
34	40.62	14.51	41.0	39.3	46.4	12.0	12.6	22.2
35	42.37	10.41	46.0	45.2	49.7	10.4	9.8	17.0
36	36.92	10.25	40.7	38.5	42.9	11.3	8.7	12.2
37	41.31	11.11	43.4	43.0	46.9	10.5	9.8	16.1
38	39.50	10.74	41.2	41.5	46.5	9.5	10.0	12.5
39	38.83	11.13	39.6	40.1	48.4	10.8	9.3	16.4
40	38.39	10.38	42.4	36.9	42.7	10.9	10.0	14.8
41	42.56	10.97	38.5	42.6	50.6	8.2	9.5	18.8
42	43.06	13.32	43.8	42.1	49.4	10.0	14.2	17.1
43	28.04	8.68	28.3	28.6	30.4	10.7	10.3	10.8
44	35.63	12.43	35.7	37.0	44.6	12.5	10.9	15.8
45	32.45	8.53	34.2	33.2	35.7	9.3	9.2	11.8
46	31.88	8.35	33.5	31.6	37.5	8.5	8.9	13.9
47	38.63	9.35	37.6	37.3	41.8	8.4	7.9	10.6
49	42.91	11.99	46.3	44.5	52.5	11.1	11.8	16.9
50	46.58	11.84	45.4	50.4	53.4	10.0	11.3	13.8
51	36.78	11.30	39.8	36.4	45.1	13.9	10.8	17.5
52	41.00	10.82	42.7	43.3	48.2	9.5	9.4	12.0
53	43.23	10.77	44.4	43.2	44.0	8.7	8.4	10.0
54	34.92	11.70	34.9	34.8	43.6	12.3	12.8	19.2
55	33.63	9.64	34.4	35.3	38.0	9.0	10.1	12.3
56	34.81	10.06	35.7	35.9	42.7	9.7	8.9	13.8
57	33.94	8.55	32.9	34.0	35.0	6.4	7.0	10.6
58	30.30	8.42	30.9	29.1	35.5	8.4	7.3	14.4
59	30.64	7.88	29.1	30.9	35.1	7.3	8.1	10.8
60	35.67	8.13	36.5	34.8	44.2	8.9	6.1	11.8
61	30.81	8.63	29.6	30.5	39.7	7.5	7.6	13.7
62	35.30	10.29	39.1	34.7	44.2	8.7	7.6	14.1
63	33.27	11.01	32.4	31.6	40.8	9.7	9.9	15.2
64	39.22	10.42	39.9	36.1	44.0	10.1	9.0	12.7
65	44.20	11.97	43.8	46.5	54.0	11.2	9.9	11.8
66	43.12	10.53	41.6	45.6	53.5	9.9	9.7	17.2
67	46.03	10.93	44.0	47.2	54.2	10.7	10.3	14.8
68	37.98	9.85	40.6	40.3	44.3	9.9	10.5	14.5
69	40.46	11.21	41.8	41.6	52.4	12.2	10.1	16.5
70	37.13	9.98	38.0	37.1	48.3	10.3	7.8	13.9
71	37.67	9.48	39.7	37.0	46.0	8.7	8.6	14.7
72	44.31	11.03	45.1	47.2	57.1	10.7	9.1	13.1
73	39.15	10.11	43.6	40.7	46.7	10.5	8.9	12.8
74	44.34	14.51	44.8	46.6	54.4	12.3	12.9	21.5
75	40.08	12.05	41.7	46.3	41.6	12.2	14.1	12.0
76	31.56	10.21	33.4	35.0	39.2	9.5	8.9	11.9
77	36.95	11.99	35.3	38.9	48.8	10.2	10.8	17.8
78	39.45	11.90	43.3	41.4	44.0	10.8	10.7	12.6
79	41.06	11.61	44.4	44.0	47.4	11.3	11.4	16.0
80	35.46	11.73	38.3	38.3	43.6	11.4	11.5	14.0
81	35.70	14.41	33.0	36.2	41.7	13.9	14.8	18.0
82	33.46	9.50	34.9	35.3	42.6	8.4	8.4	13.0
83	32.61	9.45	32.4	32.2	41.3	10.3	9.6	14.9
84	35.70	11.22	35.2	37.4	45.5	10.6	10.7	16.5
85	33.40	8.62	37.6	36.1	39.6	7.8	7.7	12.2
86	33.85	10.11	33.3	34.9	37.7	8.1	8.8	11.0
Average	37.6	10.6	38.6	38.8	44.6	10.0	9.8	14.2

2004 Sonora Angora Goat Central Performance Test, July report

**Medullation Report**

Test No.	Core		Neck		Side		Britch	
	Med, %	Kemp, %	Med, %	Kemp, %	Med, %	Kemp, %	Med, %	Kemp, %
26	1.75	0.08	2.61	0.31	2.61	0.31	5.72	0.31
27	1.36	0.08	1.41	0.02	2.70	0.16	5.46	0.29
28	1.46	0.05	1.61	0.07	3.45	0.31	7.06	0.26
29	1.40	0.08	3.09	0.47	2.69	0.07	1.99	0.06
30	0.71	0.00	0.32	0.00	2.00	0.13	1.24	0.00
31	1.10	0.05	1.32	0.45	3.30	1.04	4.19	0.38
32	0.96	0.00	1.04	0.00	2.10	0.08	5.22	0.08
33	1.45	0.00	0.41	0.00	1.74	0.00	1.30	0.00
34	2.53	0.18	1.49	0.06	1.72	0.29	9.93	1.81
35	0.95	0.08	1.92	0.37	2.56	0.70	6.41	0.74
36	1.01	0.02	2.03	0.14	2.31	0.06	2.00	0.00
37	1.70	0.15	1.30	0.00	3.48	0.70	4.49	0.82
38	2.36	0.00	4.79	0.52	3.32	0.17	5.21	0.22
39	1.26	0.00	2.07	0.22	1.88	0.11	5.91	0.16
40	0.99	0.04	2.49	0.19	3.64	0.12	4.27	0.15
41	2.54	0.00	1.06	0.16	3.65	0.38	6.70	0.08
42	2.87	0.07	1.54	0.39	6.81	1.10	1.08	3.28
43	1.49	0.23	1.94	0.48	4.09	1.52	1.66	0.32
44	1.64	0.07	2.46	0.49	1.85	0.16	5.29	0.09
45	0.82	0.02	1.69	0.10	2.40	0.22	1.98	0.00
46	1.01	0.09	1.20	0.20	2.51	0.13	5.33	0.67
47	0.94	0.00	1.17	0.03	1.83	0.12	1.66	0.00
49	2.76	0.06	2.98	0.00	5.91	0.30	1.88	0.27
50	1.61	0.14	4.07	0.15	7.94	1.56	5.15	0.00
51	1.69	0.14	5.20	0.44	4.16	0.55	7.91	0.11
52	1.45	0.00	2.04	0.13	3.56	0.14	9.13	0.07
53	0.62	0.00	1.57	0.03	2.29	0.09	1.66	0.04
54	1.37	0.27	2.16	0.21	3.92	0.41	3.47	4.09
55	0.91	0.07	1.40	0.06	3.15	0.06	2.74	0.03
56	1.08	0.02	1.36	0.14	1.97	0.03	3.47	0.00
57	0.95	0.02	0.96	0.05	2.44	0.67	1.92	0.16
58	0.84	0.04	2.16	0.08	3.16	0.94	3.40	0.17
59	0.76	0.03	0.63	0.03	2.36	0.13	1.29	0.00
60	0.89	0.07	1.33	0.00	0.91	0.00	2.07	0.00
61	0.86	0.02	0.61	0.00	0.98	0.00	1.05	0.04
62	1.42	0.06	0.46	0.08	1.66	0.54	6.26	0.97
63	1.45	0.25	0.74	0.00	1.21	0.08	4.62	0.17
64	1.54	0.00	1.42	0.18	2.24	0.59	5.25	1.74
65	4.44	0.00	4.91	0.08	8.31	0.05	3.45	0.09
66	2.34	0.03	1.14	0.04	4.96	0.43	1.11	0.12
67	1.69	0.00	1.46	0.00	2.01	0.00	7.14	0.00
68	1.51	0.09	1.05	0.19	2.39	0.18	5.04	0.10
69	2.38	0.10	2.10	0.10	3.61	0.29	8.58	0.91
70	1.68	0.11	2.24	0.29	3.18	0.80	7.59	0.92
71	1.39	0.08	1.24	0.04	3.42	0.60	5.27	0.29
72	1.21	0.05	2.16	0.05	2.48	0.21	6.17	0.03
73	1.08	0.02	2.05	0.00	2.98	0.10	1.78	0.24
74	2.85	0.00	2.05	0.07	4.53	0.20	2.56	0.70
75	2.14	0.19	5.61	0.46	3.86	0.81	4.13	4.54
76	0.74	0.00	1.59	0.22	2.83	0.86	4.01	0.50
77	1.79	0.02	1.67	0.05	3.40	0.90	9.76	0.59
78	2.72	0.09	6.79	1.46	5.03	0.89	5.51	0.22
79	1.74	0.02	2.28	0.11	2.18	0.09	5.95	0.33
80	1.38	0.09	1.68	0.02	2.74	0.21	5.50	0.31
81	3.03	0.00	1.79	0.08	2.92	0.10	3.95	0.06
82	0.78	0.00	0.86	0.03	1.65	0.04	2.29	0.00
83	1.82	0.20	3.52	0.85	2.98	0.59	7.09	0.77
84	1.24	0.03	2.66	0.42	3.41	0.24	8.59	0.52
85	1.28	0.03	1.93	0.19	2.18	0.19	3.09	0.24
86	1.37	0.02	2.33	0.53	3.38	1.21	3.05	0.07
Average	1.55	.06	2.02	.19	3.08	.38	4.44	0.49