

2005 Sonora Angora Goat Central Performance Test FINAL report

July 28, 2005

Fleece (180 day basis)

R e g No.	Flock No.	Birth date	Birth type	Start Wt. 3/9	Final Wt. 6/29	Total		Fleece (180 day basis)			Lock Avg. in.	Length STD in.	Fiber Diam. (microns) Avg.	Diam. STD	Med %	Kemp %	Visual Scores			Scrot. Circ. (cm)	Index INDE X Ratio			
						Body ADG lbs	Grease wt. lbs	Clean wt. lbs	Clean wt. lbs	Yield %							Face	Neck	Char					
Pen 1 JONAS, DAVENE, HARPER, TX																								
Sire:HIPSHER 2122																								
R	1	507	1/28	S	112	170	.52	.43	15.0	10.2	9.4	68.3	7.70	.15	36.4	10.7	1.27	.30	2.0	3.0	3.3	33.5	44.4	109.4
R	2	513	1/30	S	113	179	.59	.51	13.2	9.8	8.9	73.6	7.54	.12	33.9	9.1	0.62	.05	3.2	3.2	3.8	31.5	46.7	115.1
R	3	547	2/12	TW	78	136	.52	.44	13.6	10.3	10.3	75.2	7.43	.12	38.2	10.0	1.03	.12	3.7	3.2	3.8	26.9	37.1	91.4
Pen 2 HIPSHER ANGORAS, Santa Anna, TX																								
Sire:267 - 656821																								
R	4	2402	2/4	TW	125	172	.42	.35	12.1	8.7	7.5	71.4	7.17	.17	39.3	11.5	1.62	.48	0.8	2.2	3.0	33.2	29.9	73.7
R	5	2407	2/6	S	130	188	.52	.42	17.0	12.4	11.1	73.0	6.16	.15	38.9	11.3	1.39	.09	1.7	2.5	3.5	31.0	45.2	111.4
R	6	2411	2/10	TW	120	166	.41	.33	13.9	9.4	8.4	67.4	7.38	.29	31.3	9.5	1.00	.18	1.0	3.0	3.7	32.2	47.5	117.2
Sire:2207 - 658042																								
R	7	2428	2/21	TW	120	160	.36	.27	14.6	10.2	9.2	69.5	6.64	.06	39.1	10.7	0.80	.11	1.2	3.0	3.3	32.2	33.4	82.2
R	8	2433	2/26	S	101	159	.52	.43	16.4	12.3	11.8	75.4	7.81	.26	37.1	12.3	0.39	.00	2.5	3.2	3.8	33.0	51.6	127.3
Pen 3 DEIKE, Larry & Jodie, FREDERICKSBURG																								
Sire:921 RS																								
R	9	934	2/12	S	105	161	.50	.40	17.9	12.1	11.4	67.3	6.64	.15	38.0	10.9	1.12	.11	2.0	3.5	3.5	32.5	46.0	113.6
Sire:854 BD																								
R	10	952	2/14	S	91	150	.53	.45	13.4	9.6	9.3	71.7	7.17	.26	36.7	9.1	1.98	.12	2.0	3.3	3.2	24.5	40.0	98.7
Sire:636 LJD																								
R	11	970	3/2	TW	84	133	.44	.34	17.5	10.9	10.8	62.4	6.69	.26	38.3	10.0	1.86	.36	3.0	3.7	3.2	24.6	34.8	85.7
R	12	980	3/5	S	110	144	.30	.23	13.2	8.0	7.3	60.6	6.16	.12	34.5	9.8	1.97	.31	1.3	2.8	3.3	32.8	27.3	67.4
Pen 4 KUEBEL, FRITZ JR, BLANCO, TX																								
Sire:Speck 2175																								
R	13	238	1/17	TW	89	159	.63	.54	15.4	10.2	9.9	65.8	6.69	.20	35.6	9.5	0.74	.14	2.7	3.3	3.8	31.2	45.5	112.3
R	14	257	1/19	S	103	155	.46	.37	17.2	10.9	10.4	63.4	6.69	.10	34.7	9.7	1.12	.10	4.0	3.5	3.8	30.1	40.1	98.8
R	15	284	1/24	S	93	140	.42	.34	14.6	11.1	10.8	75.9	7.43	.21	34.4	9.1	0.66	.12	4.2	3.8	3.3	32.0	40.5	99.9
R	16	295	2/9	TW	79	135	.50	.43	12.9	9.3	9.4	72.5	6.90	.42	35.7	7.7	0.43	.00	5.0	3.7	4.3	29.8	32.9	81.2
Pen 5 NAUMANN, Bonnie & Dale, MEDINA, TX																								
Sire:Speck 2867																								
R	17	822	2/8	TW	103	169	.59	.51	14.6	11.7	11.1	80.1	8.44	.35	37.0	10.2	1.59	.09	1.0	2.8	4.3	30.6	59.3	146.2
Sire:Naumann 750																								
R	18	828	2/9	S	102	159	.51	.44	11.4	7.6	7.1*	67.3	6.74	.21	32.7	10.3	2.38	.28	3.0	3.0	3.2	30.2	33.2	81.8
R	19	839	2/11	TW	83	144	.54	.49	9.2	7.1	7.0*	76.6	6.90	.42	31.7	9.3	1.24	.08	4.3	2.5	4.0	28.2	31.6	78.0
Pen 6 HOLMAN, Jimmy, SONORA, TX																								
R	20	4008	./.		109	173	.57	.48	16.2	12.4	11.6	76.1	7.12	.29	39.4	10.8	1.71	.06	3.7	3.5	4.3	31.0	46.6	114.9
R	22	4024	./.		110	173	.56	.48	14.1	9.9	9.2	70.5	6.90	.35	36.1	9.9	1.13	.05	3.7	3.7	3.7	29.0	39.8	98.2
R	23	4028	./.		82	150	.61	.54	11.4	8.4	8.4	73.9	6.85	.10	32.2	7.7	0.89	.08	2.7	2.5	4.2	30.9	43.6	107.5
R	24	4031	./.		101	171	.63	.54	15.1	11.9	11.4	78.8	7.01	.20	33.8	10.1	0.40	.00	3.2	3.3	3.7	30.3	54.5	134.3
R	25	4032	./.		93	157	.57	.50	13.3	10.6	10.3	79.8	6.42	.15	35.4	10.1	0.80	.11	2.5	3.3	2.2	32.0	41.6	102.6

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

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\_\_\_\_\_Fleece\_\_(180 day basis)\_\_\_\_\_

R e g No.	Test Flock No.	Birth date	Birth type	Start Wt. 3/9	Final Wt. 6/29	Total		_____Fleece__(180 day basis)_____			Lock Avg. in.	Length STD in.	Fiber Diam. Avg. microns	Diam. STD	Med %	Kemp %	Visual Scores			Scrot. Circ. (cm)	Index INDE X Ratio			
						ADG lbs	ADG lbs	Grease wt. lbs	Clean wt. lbs	Clean wt. lbs							Yield %	Face	Neck			Char		
+++++																								
Pen 8      HABY & HABY, BRACKETTVILLE, TX																								
Sire:HABY 97																								
R	27	648	4/10	S	83	137	.48	.42	11.8	9.3	9.2	78.6	7.22	.15	39.7	10.5	0.76	.03	1.2	3.0	4.0	30.5	36.8	90.9
Sire:FLS 2854																								
R	28	654	4/25	TW	64	126	.55	.48	12.3	9.0	9.4	73.4	7.49	.36	33.8	10.5	1.11	.07	3.8	3.7	3.8	27.2	40.4	99.5
R	29	660	4/20	S	71	121	.45	.36	15.0	11.3	11.6	75.1	7.22	.15	34.4	9.8	0.80	.02	4.2	3.8	4.2	26.0	43.5	107.2
Sire:HABY 97																								
R	30	664	4/20	S	83	140	.51	.44	12.2	9.3	9.2	75.9	7.54	.15	36.9	11.3	1.35	.27	1.7	2.8	3.7	29.0	40.5	99.8
R	31	675	4/20	S	79	145	.59	.51	13.7	10.7	10.7	77.9	8.34	.38	36.9	10.1	1.04	.13	2.7	3.0	4.2	30.3	49.6	122.3
Pen 9      CERULEAN FARM,, HARRAH , OK																								
Sire:JBR2 281																								
R	32	1668	2/18	TW	77	146	.62	.55	12.3	8.4	8.5	68.2	6.37	.17	32.1	8.4	1.44	.33	2.0	2.8	4.0	29.2	44.5	109.8
R	33	1671	2/20	S	75	143	.61	.52	15.9	11.2	11.4	70.7	7.01	.35	34.8	9.8	0.82	.10	2.5	3.2	3.5	29.9	50.5	124.5
Sire:C994																								
R	34	1678	2/20	TW	68	119	.46	.39	12.0	8.4	8.8	70.1	6.85	.26	32.3	7.7	0.74	.05	2.5	3.5	4.0	25.3	38.8	95.7
Sire:C844																								
R	35	1737	3/11	S	77	125	.43	.35	13.8	9.4	9.5	67.6	6.80	.25	35.3	9.2	1.38	.12	1.3	3.0	4.0	27.5	39.5	97.4
Sire:FGF2 3273																								
R	36	1782	3/19	S	75	143	.61	.53	12.9	8.7	8.9	67.3	6.48	.12	34.3	9.1	0.59	.12	1.0	2.5	3.7	28.0	43.8	108.1
R	37	1791	3/21	S	73	131	.52	.43	16.3	12.0	12.2	73.5	7.27	.15	36.5	9.8	0.82	.23	2.5	3.3	3.7	29.9	48.9	120.5
R	38	1799	3/23	TW	75	147	.64	.57	13.1	9.3	9.4	71.0	6.69	.10	34.2	9.7	0.23	.00	1.7	3.0	3.7	27.9	47.0	116.0
R	39	1804	3/25	S	64	124	.54	.46	12.9	9.0	9.4	69.7	7.70	.15	34.0	9.5	0.64	.14	4.3	3.8	3.3	26.2	37.3	92.0
Pen 11      RENFROE, C.E., CHRISTOVAL																								
Sire:CERL 3010																								
R	40	3102	2/.	S	85	149	.57	.51	11.7	9.3	9.2	78.9	7.38	.15	38.4	10.3	0.58	.03	2.2	3.2	3.7	32.2	39.1	96.4
R	41	3106	2/.	S	74	132	.52	.45	12.1	8.8	9.0	72.8	6.48	.12	33.0	9.1	0.48	.00	2.5	2.8	3.0	31.2	37.3	91.9
R	42	3124	2/.	S	71	136	.58	.50	14.6	10.2	10.5	70.3	6.80	.31	41.0	11.0	0.69	.00	2.2	3.2	3.2	32.0	35.8	88.4
Sire:CERL 3014																								
R	43	3150	3/.	S	67	134	.60	.52	14.1	11.1	11.4	78.9	7.22	.15	42.1	12.5	5.45	1.4*	3.3	2.8	3.5	31.0	36.3	89.6
Pen 12      FLACH, FREDDIE & MARYALICE, PIPE CREEK, TX																								
Sire:3039																								
R	44	3641	2/15	S	90	146	.50	.41	16.0	10.9	10.7	68.0	6.53	.17	34.6	10.3	0.48	.02	4.7	3.7	4.2	29.5	40.0	98.6
R	45	3601	2/8	S	89	125	.32	.24	14.2	9.9	9.7	69.9	6.27	.15	32.8	9.2	0.50	.06	4.3	3.7	4.2	29.2	32.3	79.7
Sire:1663																								
R	46	3597	2/8	S	93	134	.37	.30	11.2	7.8	7.5*	70.2	6.32	.21	35.6	10.2	1.02	.06	2.8	3.0	3.0	30.0	22.8	56.2
Sire:2216																								
R	47	3534	2/5	TW	102	159	.51	.42	16.2	9.6	9.1	59.4	6.42	.06	35.3	9.9	0.87	.03	4.2	3.8	4.2	34.2	35.7	88.1
Sire:3278																								
R	48	3664	2/27	TW	112	158	.41	.34	13.4	9.9	9.1	73.9	7.54	.15	32.9	10.2	0.60	.00	3.5	3.5	4.2	30.5	42.0	103.6

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						ADG lbs	Body lbs	Grease wt. lbs	Clean wt. lbs	Clean wt. lbs			Yield %	Avg. microns			STD	Face	Neck			Char		
+++++																								
Pen 13 HLRS, TX																								
N	49	4-692	./.	84	154	.63	.58	8.5	6.8	6.7*	79.2	6.80	.15	34.4	9.4	0.45	.02	3.2	3.2	3.5	30.0	32.4	79.9	
N	50	4-683	./.	79	151	.64	.56	14.5	11.4	11.5	78.8	7.27	.12	42.8	13.1	1.06	.05	3.8	3.2	3.7	29.8	38.2	94.2	
N	51	4-704	./.	82	152	.63	.55	12.5	9.5	9.5	76.3	7.01	.10	40.3	12.0	0.86	.02	2.5	3.3	2.3	31.2	34.1	84.2	
Pen 14 ROSS, JOE DAVID, SONORA, TX																								
Sire:JBR 0125																								
N	52	034	3/.	63	133	.63	.56	11.0	8.5	8.9	77.0	7.75	.21	31.8	9.3	0.87	.05	1.0	2.7	4.0	30.0	52.5	129.3	
Sire:JBR 0243																								
R	57	0408	3/.	68	138	.63	.56	11.6	8.0	8.3	68.6	7.01	.10	32.9	9.7	0.48	.00	1.0	2.5	4.0	30.0	46.1	113.8	
Sire:FGF 2266																								
R	58	0402	3/.	66	130	.57	.51	10.4	8.1	8.5	78.0	7.12	.06	31.6	9.6	0.53	.00	1.2	2.0	4.0	29.0	45.9	113.2	
Sire:BL 2226																								
R	60	0477	3/.	60	131	.63	.57	11.7	8.8	9.3	74.8	7.22	.35	33.3	8.7	0.69	.13	2.3	3.5	3.3	31.5	45.5	112.3	
Sire:																								
N	53	133	3/.	76	156	.71	.64	13.0	8.7	8.9	67.1	6.58	.12	34.2	8.5	0.52	.05	3.2	2.5	3.7	30.9	42.0	103.5	
N	54	133	3/.	68	137	.62	.56	10.8	8.0	8.4	74.4	7.59	.38	31.8	10.2	0.39	.00	4.0	3.0	3.8	31.0	40.9	100.8	
N	55	133	3/.	59	125	.59	.52	12.3	10.3	10.9	83.7	8.07	.23	37.5	10.1	0.44	.02	2.8	3.3	3.8	26.0	45.7	112.7	
N	56	133	3/.	64	137	.65	.57	14.2	11.2	11.6	78.5	7.75	.21	35.7	10.0	0.43	.04	2.5	3.3	4.0	32.1	54.4	134.2	
N	59	045	3/.	52	119	.60	.53	11.5	9.0	9.7	77.9	7.33	.44	38.2	11.1	0.50	.05	3.0	3.3	3.7	28.2	36.3	89.5	
N	61	012	3/.	62	130	.61	.54	11.6	8.6	9.0	73.5	7.17	.36	35.0	10.0	0.71	.17	2.7	2.7	3.3	29.6	38.7	95.3	
Pen 16 BELK, ALLEN, WINTERS, TX																								
Sire:BELK 1187																								
R	62	1379	3/.	S	54	115	.54	.47	12.7	8.6	9.3	67.9	6.85	.26	39.4	10.9	1.10	.03	1.0	2.0	2.7	28.1	31.0	76.3
R	63	1422	3/.	S	51	112	.54	.49	10.5	8.3	9.1	78.9	7.22	.23	33.7	11.5	0.43	.04	1.2	2.0	3.3	27.3	40.8	100.7
R	64	1426	3/.	S	62	118	.50	.45	8.9	6.5	7.0*	73.2	6.11	.35	33.5	11.8	2.12	.63	1.3	2.2	2.8	27.5	27.9	68.7
Sire:BELK 7024																								
R	65	1427	3/.	S	47	116	.62	.55	12.3	8.4	9.3	68.3	7.12	.21	33.2	10.4	0.71	.06	4.0	3.2	3.3	29.0	37.2	91.8
Sire:BELK 7028																								
R	66	1357	3/.	S	48	106*	.52	.46	10.8	8.6	9.4	79.0	7.38	.29	36.7	12.9	0.95	.03	2.7	3.2	3.3	27.0	34.0	83.8
R	67	1363	3/.	S	62	128	.59	.50	15.0	10.9	11.3	72.2	7.33	.10	44.7	13.2	0.31	.00	1.7	2.5	3.3	24.0	35.3	87.0
Sire:BELK 1032																								
R	68	1414	3/.	S	53	132	.71	.64	12.2	8.7	9.5	71.5	7.49	.10	34.6	10.7	0.64	.14	1.7	2.3	3.7	28.5	47.8	118.0
R	70	1424	3/.	S	53	119	.59	.52	12.3	9.2	9.9	74.6	7.70	.35	36.2	11.6	0.95	.12	2.2	2.8	3.7	28.1	42.6	105.0
Sire:BELK 7024																								
R	72	1389	3/.	S	66	134	.61	.54	11.8	9.0	9.4	76.4	7.22	.25	36.1	11.3	0.85	.19	1.8	2.5	3.5	30.0	41.7	102.7
R	73	1396	3/.	S	44	109*	.58	.52	10.3	7.8	8.8	75.8	7.33	.17	36.0	11.9	0.62	.06	3.8	3.2	3.7	26.9	31.6	78.0

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Diameter report

TEST No.	Core			Diameter, microns			Standard deviation		
	Diam.	Stan.	Dev.	Neck	Side	Britch	Neck	Side	Britch
1	36.36	10.72		38.8	38.2	43.1	8.3	8.5	10.9
2	33.88	9.07		28.8	32.1	41.0	7.0	7.7	10.5
3	38.17	10.00		38.5	40.9	52.6	10.2	8.4	17.5
4	39.28	11.45		39.9	35.6	43.8	10.9	11.6	13.5
5	38.93	11.29		42.7	42.3	44.4	10.9	10.8	11.8
6	31.33	9.51		29.9	31.4	37.4	10.6	9.7	13.6
7	39.09	10.71		40.2	38.7	49.4	9.5	9.3	11.5
8	37.12	12.25		34.6	38.0	40.7	10.0	13.0	13.9
9	37.95	10.91		40.4	41.5	43.0	10.2	9.9	14.3
10	36.71	9.14		36.9	34.1	45.7	8.2	8.1	12.8
11	38.31	10.03		40.7	36.6	50.2	9.3	7.8	12.5
12	34.52	9.84		34.3	36.7	41.1	9.2	7.8	11.2
13	35.61	9.52		38.3	37.5	38.8	8.9	9.1	10.7
14	34.72	9.71		33.1	36.1	36.9	9.3	9.5	9.9
15	34.40	9.08		37.9	34.3	38.2	9.4	7.9	11.1
16	35.68	7.68		35.8	35.2	39.1	9.0	6.7	6.5
17	37.01	10.19		36.0	36.8	44.9	7.8	9.4	12.4
18	32.72	10.26		34.1	34.7	38.8	10.2	9.0	12.4
19	31.67	9.32		32.9	32.1	37.1	9.6	9.9	11.8
20	39.44	10.82		40.8	42.6	46.0	8.5	10.4	12.6
22	36.11	9.88		39.3	40.1	38.9	7.8	8.5	9.5
23	32.18	7.65		33.2	34.1	39.1	8.0	7.1	12.8
24	33.83	10.06		34.9	35.1	38.5	10.1	10.2	13.8
25	35.38	10.12		33.8	36.8	41.8	9.1	9.0	12.6
27	39.65	10.52		40.1	41.1	51.2	9.1	8.9	13.4
28	33.78	10.52		31.8	34.4	38.4	9.8	11.2	15.7
29	34.43	9.78		36.5	34.6	38.2	9.6	8.5	12.0
30	36.88	11.28		39.2	39.6	44.6	12.3	10.5	13.9
31	36.90	10.13		39.2	38.6	40.9	10.7	8.9	13.2
32	32.06	8.36		32.5	31.5	41.9	8.7	8.1	13.6
33	34.79	9.83		42.1	43.5	51.1	10.3	10.5	14.8
34	32.34	7.73		33.9	32.1	41.6	7.2	7.0	9.8
35	35.34	9.21		34.0	34.6	46.0	6.9	6.8	11.9
36	34.30	9.12		35.9	31.1	47.4	8.7	6.6	11.5
37	36.50	9.77		39.0	39.2	39.8	9.9	9.5	11.2
38	34.18	9.69		33.7	31.9	38.1	8.6	8.1	12.6
39	34.04	9.54		39.4	36.7	44.2	10.2	9.4	12.7
40	38.39	10.32		45.0	39.7	47.7	10.8	8.9	15.3
41	32.97	9.09		34.6	34.2	36.0	11.2	8.4	11.0
42	41.00	11.00		44.6	42.4	46.7	10.3	9.1	10.4
43	42.11	12.53		42.2	43.6	59.6	9.8	8.4	14.6
44	34.63	10.32		35.4	32.4	38.9	8.1	6.9	14.3
45	32.80	9.16		35.7	32.4	41.2	7.7	7.9	12.4
46	35.64	10.15		39.8	38.8	45.2	10.0	8.8	12.5
47	35.32	9.88		30.2	29.8	34.9	8.0	8.0	12.0
48	32.94	10.21		32.6	31.6	37.6	8.6	8.8	13.3
49	34.40	9.43		33.0	36.9	44.1	8.9	9.1	10.9
50	42.78	13.12		41.3	42.5	49.8	12.9	12.4	17.5
51	40.25	12.01		38.2	44.2	45.6	12.4	12.2	15.6
52	31.75	9.32		34.6	33.3	37.9	9.6	10.3	13.7
53	34.24	8.49		35.3	35.6	40.5	8.2	7.7	11.4
54	31.82	10.17		30.1	31.9	42.9	11.0	10.5	18.4
55	37.46	10.12		26.7	39.4	45.3	13.5	8.2	12.3
56	35.66	10.01		40.1	35.9	38.6	9.7	8.7	12.4
57	32.91	9.71		31.9	33.7	42.7	9.2	8.8	16.4
58	31.58	9.55		31.9	30.2	37.2	9.0	10.1	14.4
59	38.17	11.05		37.6	40.9	51.4	9.0	9.0	16.4
60	33.29	8.65		34.4	34.3	41.7	8.7	8.8	12.5
61	34.99	9.99		38.0	35.7	41.3	10.5	9.5	12.9
62	39.42	10.85		36.2	39.2	42.5	8.4	8.6	12.7
63	33.71	11.46		36.2	39.7	44.6	13.0	11.3	14.1
64	33.54	11.83		35.6	35.7	41.3	13.1	11.0	16.6
65	33.20	10.37		31.7	34.8	42.1	9.2	8.8	14.2
66	36.67	12.89		36.5	38.7	38.6	12.3	11.4	14.2
67	44.74	13.17		47.3	44.9	51.9	12.0	11.4	13.6
68	34.58	10.70		33.9	36.6	43.8	11.7	9.6	15.5
70	36.21	11.62		34.4	38.5	46.5	11.6	11.8	15.7
72	36.06	11.31		36.4	37.7	42.9	10.7	12.5	14.5
73	35.98	11.90		35.4	37.0	44.6	13.0	10.7	16.2
Average	35.7	10.2		36.4	36.7	42.9	9.8	9.3	13.1

2005 Sonora Angora Goat Central Performance Test, July report

Medullation Report

Test No.	Core		Neck		Side		Britch	
	Med,%	Kemp,%	Med,%	Kemp,%	Med,%	Kemp,%	Med,%	Kemp,%
1	1.27	0.30	1.00	0.29	3.18	1.12	1.35	0.08
2	0.62	0.05	0.28	0.09	0.62	0.12	1.02	0.08
3	1.03	0.12	0.94	0.18	2.99	1.18	7.03	1.49
4	1.62	0.48	2.04	0.44	2.96	1.30	3.22	1.48
5	1.39	0.09	1.28	0.04	2.61	0.46	1.35	0.10
6	1.00	0.18	2.21	0.70	2.77	0.96	1.31	0.46
7	0.80	0.11	0.85	0.04	1.20	0.20	0.55	0.00
8	0.39	0.00	0.53	0.04	0.75	0.05	0.89	0.03
9	1.12	0.11	1.00	0.02	0.70	0.02	1.54	0.28
10	1.98	0.12	0.64	0.00	1.26	0.13	4.92	0.15
11	1.86	0.36	1.88	0.65	1.87	0.36	4.89	0.82
12	1.97	0.31	0.48	0.02	1.42	0.23	5.62	0.72
13	0.74	0.14	0.49	0.02	0.92	0.03	0.48	0.00
14	1.12	0.10	0.46	0.03	2.77	0.89	0.68	0.10
15	0.66	0.12	0.35	0.00	0.47	0.02	0.35	0.02
16	0.43	0.00	0.37	0.04	0.65	0.05	0.49	0.00
17	1.59	0.09	0.58	0.01	0.55	0.03	1.68	0.14
18	2.38	0.28	0.85	0.02	1.60	0.10	1.39	0.16
19	1.24	0.08	1.91	0.11	1.72	0.13	1.36	0.25
20	1.71	0.06	0.39	0.03	1.54	0.14	6.47	0.37
22	1.13	0.05	0.33	0.00	1.83	0.45	1.99	0.08
23	0.89	0.08	0.64	0.00	2.48	0.45	3.84	0.24
24	0.40	0.00	0.53	0.06	0.56	0.04	0.84	0.00
25	0.80	0.11	0.70	0.06	0.83	0.04	2.39	0.10
27	0.76	0.03	0.75	0.02	0.32	0.00	0.95	0.00
28	1.11	0.07	0.85	0.06	1.89	0.22	1.38	0.02
29	0.80	0.02	1.42	0.32	0.82	0.13	1.35	0.07
30	1.35	0.27	0.84	0.24	1.69	0.67	0.92	0.09
31	1.04	0.13	0.46	0.06	1.49	0.24	0.54	0.16
32	1.44	0.33	2.03	0.40	2.45	0.58	3.43	0.35
33	0.82	0.10	0.86	0.00	2.44	0.46	1.71	0.06
34	0.74	0.05	0.50	0.00	1.22	0.23	2.88	0.14
35	1.38	0.12	0.96	0.11	1.43	0.19	4.43	0.43
36	0.59	0.12	0.67	0.02	0.65	0.01	1.03	0.02
37	0.82	0.23	0.93	0.20	1.20	0.36	2.36	0.37
38	0.23	0.00	0.54	0.01	1.04	0.23	1.69	0.04
39	0.64	0.14	0.97	0.39	3.32	1.08	2.63	0.25
40	0.58	0.03	0.73	0.00	1.15	0.16	1.09	0.00
41	0.48	0.00	0.57	0.01	1.53	0.14	1.13	0.00
42	0.69	0.00	2.51	0.13	3.86	0.59	1.84	0.06
43	5.45	1.36	2.92	0.65	4.05	1.11	58.2	11.7
44	0.48	0.02	0.52	0.03	0.68	0.09	0.47	0.03
45	0.50	0.06	0.41	0.00	2.90	0.85	1.16	0.12
46	1.02	0.06	0.93	0.04	1.41	0.08	0.85	0.00
47	0.87	0.03	0.52	0.05	0.85	0.02	0.37	0.00
48	0.60	0.00	0.50	0.00	2.53	0.29	1.05	0.00
49	0.45	0.02	0.38	0.03	1.74	0.14	0.61	0.00
50	1.06	0.05	0.71	0.00	1.17	0.06	2.17	0.03
51	0.86	0.02	0.26	0.00	1.13	0.04	1.35	0.00
52	0.87	0.05	0.85	0.04	1.56	0.23	1.21	0.04
53	0.52	0.05	0.51	0.01	1.25	0.04	0.65	0.06
54	0.39	0.00	0.64	0.00	0.67	0.04	3.51	0.00
55	0.44	0.02	0.40	0.16	0.60	0.02	0.51	0.00
56	0.43	0.04	0.41	0.06	1.07	0.05	0.68	0.04
57	0.48	0.00	1.19	0.40	2.52	0.73	3.89	0.12
58	0.53	0.00	0.44	0.00	0.99	0.05	3.10	0.15
59	0.50	0.05	0.45	0.00	0.76	0.02	1.18	0.00
60	0.69	0.13	2.80	0.32	3.23	1.42	0.58	0.08
61	0.71	0.17	0.80	0.07	2.48	0.75	0.52	0.03
62	1.10	0.03	1.03	0.12	1.14	0.26	2.53	0.14
63	0.43	0.04	0.77	0.08	1.69	0.10	1.97	0.07
64	2.12	0.63	4.02	1.96	6.90	2.25	5.38	1.02
65	0.71	0.06	0.58	0.09	0.68	0.01	1.07	0.00
66	0.95	0.03	0.67	0.01	2.09	0.52	1.27	0.02
67	0.31	0.00	0.64	0.02	0.61	0.10	1.73	0.00
68	0.64	0.14	0.84	0.12	1.39	0.21	1.09	0.00
70	0.95	0.12	2.24	0.63	2.27	0.47	2.99	0.12
72	0.85	0.19	2.39	0.84	4.26	1.18	2.93	0.43
73	0.62	0.06	1.44	0.13	1.55	0.26	3.32	0.07
Average	0.97	0.12	0.96	.16	1.72	.36	2.77	0.34