			DAM							PROGENY						
Lot #	DAM	SIRE	BWT	WWT	PWWT	PFAT	PEMD	C+	TCP	BWT	WWT	PWWT	PFAT	PEMD	C+	TCP
1	150030	180451	0.29	7.71	12.19	-0.77	1.42	179.91	133.52	0.31	9.71	15.41	-0.50	2.45	206.58	145.61
1	150051	160607	0.52	8.36	12.86	-0.37	0.81	175.15	127.54	0.43	10.03	15.55	-0.41	1.40	195.37	139.35
1	150094	160197	0.34	9.11	13.97	-0.92	1.61	192.18	138.57	0.29	8.62	13.72	-0.22	2.19	193.93	136.76
1	150137	170237	0.40	9.26	14.61	-0.99	1.22	190.56	136.42	0.26	9.04	14.62	-0.36	2.06	197.21	141.34
1	150214	180451	0.46	8.74	14.38	-0.22	1.41	187.58	136.35	0.39	10.22	16.51	-0.23	2.44	210.42	147.03
2	150013	170237	0.33	8.30	13.46	-0.52	0.52	174.45	129.27	0.23	8.56	14.05	-0.13	1.72	189.16	137.76
2	150111	160607	0.58	8.30	12.76	-0.56	0.53	172.34	123.80	0.46	10.00	15.50	-0.51	1.26	193.96	137.48
2	150168	160607	0.55	10.25	15.48	-0.55	0.29	183.51	130.38	0.45	10.98	16.86	-0.50	1.14	199.55	140.77
2	150193	160607	0.51	9.53	14.25	-0.23	0.71	181.02	129.42	0.43	10.62	16.25	-0.34	1.35	198.30	140.29
2	150226	160607	0.45	8.54	12.19	-0.26	0.43	168.44	122.89	0.40	10.12	15.21	-0.36	1.21	192.01	137.03
3	150004	180451	0.31	6.67	11.90	-0.61	0.50	165.32	129.43	0.32	9.19	15.26	-0.43	1.99	199.29	143.57
3	150028	150099	0.44	9.39	14.79	-1.18	0.17	180.36	133.23	0.50	10.00	16.07	-1.17	0.96	195.19	141.51
3	150162	160607	0.25	7.36	12.11	-0.67	0.71	170.38	125.44	0.30	9.53	15.18	-0.56	1.35	192.98	138.30
4	150042	160197	0.32	8.22	12.19	-1.13	0.73	174.75	128.22	0.28	8.18	12.83	-0.33	1.75	185.21	131.59
4	150053	180451	0.23	7.95	12.12	-0.48	1.63	181.44	131.27	0.28	9.83	15.38	-0.36	2.55	207.35	144.49
4	150148	160197	0.53	8.98	13.57	0.23	1.00	178.79	126.18	0.38	8.56	13.52	0.36	1.88	187.23	130.57
4	150171	170237	0.43	8.24	13.20	0.30	0.91	174.52	126.28	0.28	8.53	13.92	0.29	1.91	189.19	136.27
4	150195	170237	0.33	8.55	12.73	-0.08	0.81	174.00	125.75	0.23	8.68	13.68	0.09	1.86	188.93	136.00
5	150034	150099	0.44	9.25	14.71	-0.83	0.53	182.39	131.79	0.50	9.94	16.03	-0.99	1.13	196.20	140.79
5	150065	170237	0.56	8.29	13.51	-0.30	0.20	170.09	126.43	0.34	8.55	14.07	-0.02	1.56	186.98	136.34
5	150110	170237	0.37	8.76	13.93	-0.95	0.11	174.23	130.02	0.25	8.79	14.28	-0.34	1.51	189.05	138.14
5	150158	150099	0.37	8.84	13.65	-0.92	0.21	174.44	129.73	0.46	9.73	15.50	-1.04	0.97	192.23	139.76
6	150085	160607	0.36	8.16	13.52	-0.98	-0.19	168.08	128.22	0.35	9.93	15.88	-0.72	0.90	191.83	139.69
6	150109	170237	0.41	8.70	13.78	-1.00	-0.11	171.30	128.59	0.27	8.76	14.21	-0.36	1.40	187.58	137.42
6	150142	180451	0.53	7.90	11.87	-0.82	0.18	165.33	120.95	0.43	9.80	15.25	-0.53	1.83	199.29	139.33
6	150199	180451	0.48	9.08	14.01	-0.49	0.38	176.43	128.29	0.41	10.39	16.32	-0.37	1.93	204.84	143.00
6	150241	180451	0.48	9.08	14.20	-0.56	0.06	173.81	126.53	0.41	10.39	16.42	-0.40	1.77	203.53	142.12
7	150054	170237	0.34	7.67	12.36	-0.56	1.72	183.03	135.01	0.23	8.25	13.50	-0.15	2.32	193.45	140.63
7	150101	170237	0.50	8.85	14.18	-0.68	0.72	181.13	131.81	0.31	8.83	14.41	-0.20	1.81	192.50	139.03
7	150153	170237	0.14	6.66	10.29	-0.42	1.67	172.25	126.74	0.13	7.74	12.46	-0.08	2.29	188.06	136.50
7	150178	160197	0.48	8.79	13.61	-0.12	0.67	176.19	128.93	0.36	8.47	13.54	0.18	1.71	185.93	131.94
7	150200	170237	0.45	8.13	12.68	0.42	1.21	175.37	127.05	0.28	8.47	13.66	0.34	2.06	189.62	136.65
8	150056	180451	0.21	7.74	12.42	-0.30	1.59	180.78	130.25	0.27	9.72	15.52	-0.27	2.53	207.02	143.98
8	150074	160607	0.53	7.15	9.96	-0.76	-0.53	148.52	110.84	0.44	9.43	14.10	-0.61	0.73	182.05	131.00
8	150077	170237	0.43	8.31	12.93	-0.65	-0.05	166.64	127.62	0.28	8.57	13.78	-0.19	1.43	185.25	136.94
8	150132	170237	0.41	9.27	14.63	-0.05	1.02	184.56	132.91	0.27	9.04	14.63	0.11	1.97	194.21	139.58
8	150174	180451	0.37	7.45	11.93	0.02	0.38	163.35	121.62	0.35	9.58	15.28	-0.11	1.93	198.30	139.66
9	150023	150099	0.25	7.46	11.79	-1.32	0.02	164.23	126.28	0.40	9.04	14.57	-1.24	0.88	187.12	138.04
9	150125	180451	0.40	8.67	13.46	-0.01	0.51	173.19	125.17	0.37	10.19	16.05	-0.13	2.00	203.22	141.44
9	150194	150099	0.40	8.91	13.00	-0.36	0.76	176.33	127.09	0.47	9.77	15.18	-0.76	1.25	193.17	138.44
9	150228	180451	0.62	10.15	13.99	-1.06	0.53	182.99	128.94	0.48	10.93	16.31	-0.65	2.01	208.12	143.32
9	150232	160607	0.59	9.51	14.14	-0.96	0.89	185.71	131.41	0.47	10.60	16.19	-0.71	1.44	200.65	141.29
10	160088	170237	0.40	9.59	14.56	-1.17	1.22	191.89	137.61	0.26	9.20	14.60	-0.45	2.06	197.88	141.93
10	160111	160197	0.44	9.12	13.84	-1.42	0.71	183.53	130.55	0.34	8.63	13.66	-0.47	1.74	189.60	132.75
10	160207	180451	0.41	8.47	12.69	-0.29	0.85	174.98	128.63	0.37	10.09	15.66	-0.26	2.17	204.12	143.17
10	160236	170237	0.33	7.24	11.19	0.13	0.68	163.26	120.97	0.22	8.03	12.91	0.20	1.80	183.56	133.61
11	160023	150099	0.41	9.75	15.55	-1.16	0.65	189.21	136.17	0.48	10.19	16.45	-1.16	1.19	199.61	142.98
11	160083	180451	0.43	9.41	14.57	-1.04	-0.09	176.09	130.29	0.38	10.56	16.60	-0.64	1.69	204.67	144.00
11	160104	180451	0.49	9.34	15.06	-1.05	0.69	186.64	135.35	0.41	10.52	16.85	-0.65	2.09	209.95	146.53
11	160110	180451	0.44	9.27	14.17	-1.53	-0.28	174.21	129.96	0.39	10.49	16.40	-0.89	1.60	203.73	143.83
11	160164	180451	0.60	10.55	16.77	-1.02	-0.30	184.00	132.31	0.47	11.13	17.70	-0.63	1.59	208.63	145.01
12	160013	180451	0.30	8.94	14.16	-0.33	1.08	184.01	133.72	0.32	10.32	16.40	-0.29	2.28	208.63	145.71
12	160059	160197	0.41	8.85	13.31	-1.13	1.02	183.39	134.17	0.32	8.50	13.39	-0.33	1.89	189.53	134.56
12	160064	170237	0.40	8.27	12.77	-0.07	0.80	173.32	126.31	0.26	8.54	13.70	0.10	1.86	188.59	136.28
12	160098	150099	0.22	7.32	11.48	-0.50	1.70	178.58	130.60	0.39	8.97	14.41	-0.83	1.72	194.30	140.20
12	160231	180451	0.38	7.54	11.83	0.08	1.16	171.91	127.76	0.35	9.62	15.23	-0.08	2.32	202.58	142.73
13	160025	170237	0.48	7.96	13.03	0.11	0.46	168.93	124.92	0.30	8.39	13.83	0.19	1.69	186.40	135.59
13	160103	160607	0.40	8.71	13.75	-1.27	0.72	181.74	133.28	0.37	10.21	15.99	-0.86	1.35	198.66	142.22
13	160109	180451	0.59	10.10	15.58	-0.19	0.16	180.57	131.43	0.46	10.90	17.10	-0.21	1.82	206.91	144.57
13	160113	180451	0.49	9.75	15.54	-0.58	0.40	184.00	132.17	0.41	10.73	17.09	-0.41	1.94	208.63	144.94
13	160219	180451	0.49	8.91	14.11	-0.07	0.31	173.89	128.89	0.41	10.30	16.37	-0.15	1.89	203.57	143.30
14	160062	160607	0.57	9.11	13.59	-0.03	0.76	177.55	124.78	0.46	10.41	15.92	-0.24	1.37	196.57	137.97
14	160069	180451	0.49	9.41	14.52	0.05	1.59	190.61	135.29	0.41	10.56	16.58	-0.10	2.53	211.93	146.50
14	160114	180451	0.49	10.14	15.89	-0.67	1.02	193.51	136.74	0.41	10.92	17.26	-0.46	2.25	213.38	147.22
14	160228	180451	0.48	9.36	14.92	-0.34	0.80	184.49	132.26	0.41	10.53	16.78	-0.29	2.14	208.87	144.98

15	160008	180451	0.41	7.84	12.64	0.33	1.17	174.49	128.22	0.37	9.77	15.63	0.04	2.33	203.87	142.96
15	160116	160607	0.55	9.27	14.42	-0.34	0.58	179.98	130.41	0.45	10.48	16.33	-0.40	1.28	197.78	140.79
15	160120	160607	0.34	8.60	12.84	-0.81	0.90	178.49	128.82	0.34	10.15	15.54	-0.63	1.44	197.04	139.99
15	160215	170237	0.46	9.06	14.29	-0.24	0.87	182.05	131.33	0.29	8.94	14.46	0.01	1.89	192.96	138.79
15	160223	160607	0.53	9.34	14.75	-0.63	0.56	182.29	132.04	0.44	10.52	16.49	-0.54	1.27	198.94	141.60
16	160010	180451	0.56	10.25	16.09	-0.20	0.04	181.42	133.86	0.45	10.98	17.36	-0.22	1.76	207.34	145.78
16	160028	170237	0.45	10.10	16.49	-0.36	1.03	194.43	136.77	0.29	9.46	15.56	-0.05	1.97	199.15	141.51
16	160078	170237	0.37	8.70	13.87	-1.56	0.19	177.28	132.78	0.25	8.76	14.25	-0.65	1.55	190.57	139.52
16	160121	170237	0.34	7.96	12.72	-0.81	0.51	172.22	127.71	0.23	8.39	13.68	-0.27	1.71	188.04	136.98
16	160149	160607	0.43	8.49	13.29	-0.47	0.49	173.75	127.24	0.39	10.09	15.76	-0.47	1.24	194.67	139.20
17	160058	160607	0.26	7.88	11.66	-1.20	1.44	180.39	131.63	0.30	9.79	14.95	-0.83	1.71	197.99	141.40
17	160063	160197	0.38	9.35	14.63	-0.29	1.62	192.61	136.10	0.31	8.75	14.06	0.09	2.19	194.14	135.53
17	160090	160607	0.49	9.42	13.27	-0.18	1.12	181.88	129.35	0.42	10.56	15.75	-0.32	1.55	198.73	140.26
17	160181	160607	0.33	8.52	14.81	-0.28	1.43	189.12	141.35	0.34	10.11	16.52	-0.37	1.71	202.35	146.26
17	160213	160607	0.34	7.86	11.88	0.17	1.21	172.99	125.67	0.34	9.78	15.06	-0.15	1.60	194.29	138.42
18	160030	170237	0.40	8.49	13.70	0.62	0.79	174.22	128.16	0.26	8.65	14.17	0.44	1.85	189.04	137.21
18	160074	170237	0.37	8.08	13.04	0.46	1.42	178.72	129.52	0.25	8.45	13.84	0.36	2.17	191.29	137.89
18	160138	170237	0.51	9.70	15.26	-0.44	0.74	186.21	133.61	0.32	9.26	14.95	-0.08	1.83	195.04	139.93
18	160166	170237	0.38	8.77	13.78	-1.28	0.71	182.01	131.40	0.25	8.80	14.21	-0.51	1.81	192.94	138.83
18	160183	160607	0.29	7.57	12.60	-0.70	0.51	170.33	129.37	0.32	9.63	15.42	-0.58	1.25	192.96	140.27
19	160043	150099	0.45	9.47	14.80	-0.67	0.32	180.18	132.26	0.50	10.05	16.07	-0.92	1.03	195.10	141.03
19	160075	180451	0.49	9.20	14.18	-0.38	0.67	180.25	129.07	0.41	10.45	16.40	-0.31	2.08	206.75	143.39
19	160108	160197	0.31	8.06	12.62	-0.62	1.32	180.54	131.86	0.27	8.10	13.05	-0.07	2.04	188.11	133.41
19	160112	170237	0.59	10.58	17.07	0.19	0.19	185.78	130.64	0.36	9.70	15.85	0.23	1.55	194.82	138.45
19	160205	180451	0.63	10.78	16.53	-0.35	-0.08	183.43	131.59	0.48	11.24	17.58	-0.30	1.70	208.34	144.65
20	150086	180451	0.47	8.09	12.67	0.53	1.52	178.28	130.50	0.40	9.89	15.65	0.15	2.50	205.77	144.10
20	160047	160607	0.24	8.17	12.44	0.00	1.74	182.39	129.30	0.29	9.93	15.34	-0.23	1.86	198.99	140.23
20	160105	160607	0.45	9.45	15.20	-0.93	1.60	197.23	141.17	0.40	10.57	16.72	-0.69	1.79	206.41	146.17
20	160152	160607	0.42	9.46	14.37	-1.10	0.08	177.70	131.00	0.38	10.58	16.31	-0.78	1.03	196.64	141.08
20	160163	180451	0.36	8.43	13.18	-0.94	0.49	175.13	127.61	0.35	10.06	15.91	-0.59	1.98	204.19	142.66
21	170141	180451	0.26	9.37	15.32	-0.34	2.01	199.73	140.84	0.30	10.53	16.97	-0.29	2.75	216.49	149.27
21	170356	160197	0.42	9.37	15.23	-0.75	1.65	196.94	142.83	0.33	8.76	14.35	-0.14	2.21	196.31	138.89
21	170385	170237	0.48	10.21	16.52	-0.88	1.43	201.46	142.64	0.30	9.51	15.58	-0.31	2.17	202.66	144.45
21	170390	180451	0.55	10.28	16.50	-0.76	1.04	196.66	139.80	0.44	10.99	17.57	-0.50	2.26	214.96	148.75
21	170397	180451	0.44	9.75	15.35	-1.23	1.30	196.28	141.08	0.39	10.72	16.99	-0.73	2.39	214.77	149.39
22	170047	160197	0.62	10.58	15.35	-0.74	0.27	184.38	128.95	0.43	9.36	14.42	-0.13	1.51	190.03	131.95
22	170060	150099	0.51	9.62	14.94	-0.05	0.80	183.96	131.12	0.53	10.12	16.15	-0.60	1.27	196.99	140.46
22	170209	170237	0.40	9.34	15.00	-0.41	0.89	185.98	133.16	0.26	9.08	14.82	-0.07	1.90	194.92	139.71
22	170254	180451	0.38	9.35	13.43	-0.69	0.77	180.32	129.84	0.35	10.53	16.03	-0.47	2.12	206.79	143.77
22	170305	160197	0.45	10.93	16.74	-0.82	0.48	192.80	135.39	0.34	9.54	15.11	-0.17	1.62	194.24	135.17
23	170135	150099	0.53	8.95	14.02	-0.25	1.57	188.78	135.75	0.54	9.78	15.69	-0.71	1.65	199.40	142.77
23	170204	160607	0.38	8.96	13.88	-0.89	1.02	184.70	133.85	0.36	10.33	16.06	-0.68	1.50	200.14	142.51
23	170309	180451	0.45	10.05	14.93	-0.25	1.04	188.48	133.87	0.39	10.88	16.78	-0.24	2.26	210.87	145.79
23	170392	180451	0.44	9.47	15.26	-0.79	1.41	194.70	140.73	0.39	10.59	16.94	-0.51	2.44	213.98	149.22
24	170025	160607	0.47	9.75	14.87	-0.50	0.53	182.78	129.82	0.41	10.73	16.55	-0.48	1.26	199.18	140.49
24	170103	180451	0.46	9.86	15.07	-1.05	0.93	190.53	136.39	0.39	10.78	16.85	-0.65	2.20	211.89	147.05
24	170304	180451	0.50	11.05	16.77	-0.89	0.33	191.78	135.35	0.41	11.38	17.70	-0.57	1.90	212.52	146.53
24	170317	160607	0.39	9.91	14.71	-1.09	0.35	182.99	131.10	0.37	10.80	16.47	-0.77	1.17	199.29	141.13
25	170106	170237	0.61	9.66	15.32	-0.80	1.20	193.09	139.14	0.36	9.24	14.98	-0.27	2.06	198.48	142.70
25	170107	150099	0.61	10.93	16.27	-1.07	1.54	204.25	143.27	0.58	10.78	16.81	-1.11	1.64	207.13	146.53
25	170203	160607	0.42	9.85	15.02	-1.15	1.31	195.08	137.62	0.38	10.78	16.63	-0.80	1.65	205.33	144.39
25	170401	180451	0.56	9.47	14.86	-1.37	1.41	195.66	140.88	0.45	10.59	16.74	-0.80	2.44	214.46	149.29
26	170104	160607	0.42	10.05	15.30	-1.03	0.87	191.01	135.85	0.38	10.87	16.77	-0.74	1.43	203.30	143.51
26	170117	170237	0.57	9.33	15.45	-0.77	1.09	191.32	140.07	0.35	9.07	15.04	-0.25	2.00	197.59	143.16
26	170136	170237	0.54	10.06	15.76	-0.57	1.05	192.91	136.43	0.33	9.44	15.20	-0.15	1.98	198.39	141.34
26	170160	180451	0.57	10.07	15.78	-0.84	0.95	192.91	137.74	0.45	10.89	17.21	-0.54	2.22	213.08	147.72
26	170377	170237	0.46	9.47	15.35	0.02	1.27	190.23	135.69	0.29	9.15	14.99	0.14	2.09	197.05	140.97
27	170146	170237	0.41	8.96	14.27	-1.10	0.79	184.28	135.65	0.27	8.89	14.45	-0.42	1.85	194.07	140.95
27	170212	150099	0.34	8.11	12.86	-0.51	1.52	183.26	133.56	0.45	9.37	15.11	-0.84	1.63	196.64	141.68
27	170281	180451	0.31	9.00	13.72	-0.40	0.99	181.87	130.61	0.32	10.35	16.18	-0.32	2.23	207.56	144.16
27	170299	160197	0.48	10.34	15.55	-0.33	0.89	189.98	134.09	0.36	9.24	14.51	0.08	1.83	192.83	134.52
27	170396	160607	0.48	9.50	15.04	-0.96	1.00	190.10	138.60	0.41	10.60	16.64	-0.71	1.49	202.84	144.88
28	170024	170237	0.30	7.69	11.65	-0.28	0.81	169.06	124.48	0.21	8.25	13.14	-0.01	1.86	186.46	135.37
28	170038	160607	0.38	8.79	13.67	-0.23	0.42	174.02	125.31	0.36	10.24	15.95	-0.34	1.20	194.80	138.24
28	170287	160607	0.46	9.90	14.88	-1.21	-0.27	177.02	128.28	0.40	10.80	16.56	-0.83	0.86	196.30	139.72
28	170322	160607	0.36	9.61	14.26	-0.98	0.17	178.25	128.01	0.35	10.66	16.25	-0.72	1.08	196.92	139.59
28	170347	160607	0.47	7.19	11.39	-1.17	0.48	166.86	125.32	0.41	9.45	14.82	-0.81	1.23	191.22	138.24

29	170086	160197	0.49	9.86	15.76	-0.86	1.21	195.41	140.06	0.36	9.00	14.62	-0.19	1.99	195.54	137.51
29	170098	160607	0.48	9.90	15.96	-0.29	1.35	195.53	138.37	0.41	10.80	17.10	-0.37	1.67	205.56	144.77
29	170111	170237	0.48	8.87	13.72	-0.69	2.33	197.98	145.47	0.30	8.84	14.18	-0.21	2.62	200.92	145.86
29	170148	180451	0.37	8.85	13.71	-0.60	2.15	195.47	142.47	0.35	10.27	16.17	-0.42	2.81	214.36	150.09
29	170383	160197	0.54	10.27	16.26	-0.83	1.21	197.93	141.70	0.39	9.21	14.87	-0.18	1.98	196.80	138.33
30	170119	180451	0.44	9.15	14.91	-0.90	1.02	188.78	138.58	0.38	10.43	16.77	-0.57	2.25	211.02	148.14
30	170149	160197	0.36	8.62	13.22	-0.36	1.90	189.39	138.28	0.30	8.38	13.35	0.06	2.33	192.53	136.62
30	170222	160197	0.34	9.52	14.94	-0.86	1.01	189.43	134.71	0.29	8.83	14.21	-0.19	1.89	192.55	134.83
30	170259	160607	0.42	9.24	13.91	-0.47	1.01	183.67	132.78	0.38	10.47	16.08	-0.46	1.50	199.63	141.97
30	170311	160197	0.52	10.39	15.55	-0.72	0.81	190.77	133.40	0.38	9.27	14.51	-0.12	1.79	193.22	134.18
31	170014	160197	0.41	8.54	13.04	-0.57	0.33	171.59	124.85	0.32	8.34	13.26	-0.05	1.55	183.63	129.90
31	170027	150099	0.49	8.38	13.84	-0.21	0.13	170.25	126.54	0.52	9.50	15.60	-0.69	0.93	190.13	138.17
31	170037	160197	0.51	9.43	14.36	-0.02	0.90	182.50	128.52	0.37	8.78	13.92	0.23	1.83	189.09	131.74
31	170207	160607	0.39	9.53	14.72	-1.28	0.64	186.14	133.42	0.37	10.61	16.48	-0.87	1.31	200.86	142.29
31	170225	150099	0.46	9.86	15.37	-1.10	0.67	188.81	134.90	0.50	10.24	16.36	-1.13	1.20	199.41	142.35
32	170022	160607	0.45	8.62	13.32	0.04	0.86	176.31	127.05	0.40	10.16	15.78	-0.21	1.42	195.95	139.11
32	170029	180451	0.42	7.75	11.89	-0.35	0.79	170.02	126.28	0.38	9.73	15.26	-0.29	2.13	201.64	141.99
32	170041	160197	0.45	8.28	12.78	0.45	1.06	174.23	125.95	0.34	8.21	13.13	0.46	1.91	184.95	130.45
32	170253	150099	0.39	8.48	13.57	-0.25	1.03	179.94	132.26	0.47	9.55	15.46	-0.70	1.38	194.98	141.03
32	170354	180451	0.34	8.20	13.22	-0.70	1.13	181.03	133.57	0.34	9.95	15.92	-0.47	2.30	207.14	145.64
33	170097	160197	0.50	10.42	16.09	-1.03	1.31	199.67	143.06	0.37	9.28	14.78	-0.28	2.04	197.67	139.01
33	170131	160607	0.32	8.95	14.28	-0.57	2.03	196.24	140.49	0.33	10.33	16.26	-0.51	2.01	205.91	145.83
33	170340	180451	0.49	9.62	15.77	-1.12	1.57	200.00	144.01	0.41	10.66	17.20	-0.68	2.52	216.63	150.86
33	170359	180451	0.44	8.98	14.47	-0.86	1.76	195.08	142.95	0.38	10.34	16.55	-0.55	2.62	214.17	150.33
33	170362	180451	0.49	9.45	14.50	-1.17	1.46	194.12	142.13	0.41	10.58	16.57	-0.71	2.47	213.69	149.92
34	170076	160607	0.48	9.34	14.89	-0.66	1.44	192.94	139.95	0.41	10.52	16.56	-0.56	1.71	204.26	145.56
34	170110	160607	0.54	9.11	14.47	-0.86	1.61	193.72	139.49	0.44	10.41	16.35	-0.66	1.80	204.65	145.33
34	170162	180451	0.38	8.82	14.04	-0.63	1.50	189.32	135.91	0.36	10.26	16.34	-0.43	2.49	211.29	146.81
34	170267	170237	0.41	9.72	15.31	-0.23	1.29	191.82	136.73	0.27	9.27	14.97	0.02	2.10	197.84	141.49
34	170324	160197	0.36	10.35	14.62	-0.77	1.19	191.92	134.02	0.30	9.24	14.05	-0.14	1.98	193.80	134.49
35	170246	180451	0.45	10.27	14.50	-0.27	0.95	186.62	130.19	0.39	10.99	16.57	-0.26	2.22	209.94	143.95
35	170255	160607	0.36	9.71	14.33	-1.00	0.90	187.12	134.02	0.36	10.71	16.29	-0.73	1.45	201.35	142.59
35	170261	170237	0.50	9.89	14.54	-0.78	0.88	187.16	130.84	0.31	9.36	14.59	-0.26	1.90	195.51	138.55
35	170280	180451	0.42	9.58	14.71	-0.66	0.94	187.23	133.24	0.37	10.64	16.67	-0.45	2.21	210.24	145.47
35	170320	170237	0.40	10.75	15.55	-0.59	0.62	188.90	131.72	0.26	9.78	15.09	-0.16	1.77	196.38	138.99
36	170074	160607	0.47	8.27	13.50	-0.46	1.54	185.94	137.67	0.41	9.99	15.87	-0.46	1.77	200.76	144.42
36	170183	160607	0.45	8.83	13.71	-0.92	1.16	185.51	135.02	0.40	10.27	15.97	-0.69	1.58	200.55	143.09
36	170201	170237	0.28	8.09	12.86	-0.96	1.22	181.63	132.73	0.20	8.46	13.75	-0.34	2.07	192.75	139.49
36	170213	170237	0.34	8.56	13.77	-0.71	1.24	185.11	134.16	0.23	8.69	14.20	-0.22	2.08	194.49	140.21
36	170333	180451	0.33	9.14	13.57	-0.50	1.31	185.67	131.40	0.33	10.42	16.10	-0.37	2.39	209.46	144.55
37	170010	170237	0.44	9.95	14.90	-0.78	0.70	186.50	132.86	0.28	9.39	14.77	-0.26	1.81	195.18	139.56
37	170180	160607	0.42	9.12	14.31	-0.45	0.74	181.56	133.02	0.38	10.41	16.28	-0.45	1.36	198.57	142.09
37	170295	180451	0.41	9.21	13.91	0.17	1.04	181.28	130.49	0.37	10.45	16.27	-0.04	2.26	207.27	144.10
37	170298	170237	0.46	10.13	14.77	-1.22	0.32	183.94	131.63	0.29	9.48	14.70	-0.48	1.62	193.90	138.94
37	170302	160607	0.43	10.16	15.48	-0.93	0.14	183.26	131.23	0.39	10.93	16.86	-0.69	1.07	199.42	141.20
38	170005	160607	0.48	9.64	14.28	-0.87	0.12	177.29	128.44	0.41	10.67	16.26	-0.66	1.05	196.44	139.80
38	170210	160197	0.42	9.06	14.48	-1.10	0.25	179.11	130.66	0.33	8.60	13.98	-0.31	1.51	187.39	132.81
38	170235	150099	0.32	8.66	13.36	-0.75	0.33	173.68	127.84	0.44	9.64	15.36	-0.95	1.03	191.85	138.82
38	170291	150099	0.37	9.32	13.32	-0.90	0.33	175.70	126.81	0.46	9.97	15.34	-1.03	1.03	192.86	138.30
38	170331	160607	0.37	9.11	13.32	-0.55	0.46	175.26	127.94	0.36	10.40	15.78	-0.50	1.22	195.42	139.55
39	170138	160607	0.45	8.19	13.24	-0.34	1.38	182.48	135.00	0.40	9.95	15.74	-0.40	1.68	199.03	143.08
39	170274	160607	0.38	9.14	14.25	0.07	0.58	177.49	127.34	0.36	10.42	16.24	-0.19	1.28	196.54	139.25
39	170290	160607	0.21	7.54	11.62	-0.17	1.42	175.10	128.19	0.28	9.62	14.93	-0.32	1.70	195.34	139.68
40	170043	170237	0.46	8.53	13.40	0.54	1.02	176.12	129.38	0.29	8.67	14.02	0.41	1.97	189.99	137.82
40	170046	160197	0.56	9.25	13.83	0.27	0.58	175.49	128.76	0.40	8.70	13.65	0.37	1.67	185.58	131.86
40	170055	160607	0.44	7.92	12.44	0.07	1.14	174.74	129.45	0.40	9.81	15.34	-0.20	1.57	195.16	140.31
40	170056	180451	0.50	8.90	13.86	-0.30	1.11	183.07	131.85	0.42	10.30	16.24	-0.27	2.29	208.16	144.78
40	170062	160197	0.60	9.95	15.36	0.15	1.11	189.00	134.71	0.42	9.04	14.42	0.31	1.94	192.34	134.83
41	170374	160607														
42	170071	180451	0.43	9.88	15.51	-0.66	2.03	203.07	143.40	0.38	10.79	17.07	-0.45	2.75	218.16	150.55
42	170109	150099	0.51	8.97	14.38	-0.67	1.64	192.66	138.73	0.53	9.80	15.87	-0.92	1.69	201.34	144.26
42	170169	160607	0.34	9.11	14.28	-0.82	1.37	190.07	137.28	0.34	10.40	16.26	-0.64	1.68	202.83	144.22
42	170364	160197	0.50	9.92	15.70	-0.97	1.67	200.96	144.29	0.37	9.03	14.59	-0.24	2.21	198.32	139.62
43	160072	150099	0.40	9.34	14.32	-1.07	1.03	187.90	136.82	0.48	9.98	15.84	-1.11	1.38	198.96	143.31
43	160221	170237	0.63	9.85	15.63	-0.18	0.31	181.91	128.89	0.38	9.33	15.13	0.05	1.61	192.89	137.57
43	170113	180451	0.41	9.08	14.36	-0.99	1.03	187.14	136.84	0.37	10.39	16.49	-0.62	2.25	210.20	147.27
43	170229	180451	0.36	9.69	13.99	-0.44	0.49	178.89	127.34	0.35	10.70	16.31	-0.34	1.98	206.07	142.52

44	180099	180451	0.32	10.08	15.98	-0.29	1.89	202.09	144.60	0.33	10.89	17.31	-0.26	2.68	217.67	151.15
44	180131	170237	0.44	10.67	17.20	-0.49	1.04	198.82	142.52	0.28	9.74	15.92	-0.11	1.98	201.34	144.39
44	180172	180451	0.41	10.73	16.45	-0.32	1.23	197.88	140.49	0.37	11.21	17.54	-0.28	2.36	215.57	149.10
44	180193	160607	0.38	10.38	15.90	-0.81	1.49	200.13	142.89	0.36	11.04	17.07	-0.63	1.74	207.86	147.03
44	180213	170237	0.30	10.06	15.48	-0.24	1.85	199.71	140.48	0.21	9.44	15.06	0.01	2.38	201.79	143.37
45	180008	180451	0.31	9.48	15.04	-0.72	1.39	193.42	139.31	0.32	10.59	16.83	-0.48	2.43	213.34	148.51
45	180150	170237	0.35	9.17	14.88	-0.30	1.81	195.30	138.10	0.24	8.99	14.76	-0.01	2.36	199.58	142.18
45	180161	170237	0.41	9.12	14.79	0.06	1.62	191.18	133.71	0.27	8.97	14.71	0.16	2.27	197.52	139.98
45	180197	150099	0.42	10.40	15.54	-0.39	1.18	193.62	137.58	0.49	10.51	16.45	-0.77	1.46	201.82	143.69
45	180200	170237	0.36	10.46	16.65	-0.09	1.21	196.80	139.79	0.24	9.64	15.64	0.09	2.06	200.33	143.02
46	180014	170237	0.47	11.39	17.40	-1.02	0.42	196.32	140.28	0.30	10.10	16.02	-0.38	1.67	200.09	143.27
46	180046	180451	0.27	8.32	12.26	0.03	0.86	171.99	124.28	0.30	10.01	15.45	-0.11	2.17	202.62	140.99
46	180164	170237	0.44	10.86	17.33	-0.91	0.51	195.41	141.19	0.28	9.84	15.98	-0.32	1.71	199.64	143.72
46	180246	180451	0.44	9.49	15.18	-1.24	0.91	190.59	139.05	0.38	10.60	16.91	-0.74	2.19	211.92	148.38
47	180051	180451	0.50	9.94	15.55	-1.13	1.40	198.14	142.80	0.42	10.82	17.09	-0.69	2.44	215.70	150.25
47	180132	160607	0.34	9.68	15.65	-0.30	1.58	196.51	141.90	0.34	10.69	16.94	-0.38	1.78	206.05	146.53
47	180198	180451	0.33	9.98	15.43	-0.23	1.05	190.17	139.00	0.33	10.84	17.03	-0.24	2.27	211.71	148.35
47	180227	170237	0.31	9.25	14.30	-0.40	1.39	189.04	137.59	0.22	9.03	14.47	-0.06	2.15	196.45	141.92
47	180298	170237	0.50	9.62	15.67	-1.01	1.17	194.71	140.83	0.31	9.22	15.15	-0.37	2.04	199.29	143.54
48	180031	170237	0.53	10.22	16.35	-0.56	1.43	199.66	141.91	0.33	9.52	15.49	-0.15	2.17	201.76	144.08
48	180140	170237	0.38	10.09	15.93	-0.31	1.46	197.13	140.66	0.25	9.45	15.28	-0.02	2.19	200.50	143.46
48	180145	180451	0.43	10.73	16.24	-0.09	1.72	201.74	141.56	0.38	11.22	17.44	-0.16	2.60	217.50	149.63
48	180191	160197	0.28	9.63	14.95	-0.69	1.60	195.78	140.79	0.26	8.89	14.21	-0.11	2.18	195.73	137.87
48	180271	170237	0.47	10.60	16.19	-0.71	1.44	200.64	141.29	0.30	9.71	15.41	-0.22	2.18	202.25	143.77
49	180189	180451	0.28	7.79	12.78	-0.03	2.25	188.66	134.74	0.31	9.75	15.71	-0.13	2.87	210.96	146.22
49	180214	170237	0.36	10.07	15.77	-0.67	1.23	195.33	139.93	0.24	9.45	15.20	-0.20	2.07	199.60	143.09
49	180226	160607	0.31	9.25	14.30	-0.40	1.39	189.04	137.59	0.33	10.48	16.27	-0.43	1.69	202.31	144.38
49	180275	180451	0.42	9.45	14.97	-0.89	1.50	195.11	141.62	0.37	10.58	16.80	-0.57	2.49	214.18	149.66
49	180283	170237	0.38	9.18	14.88	-0.73	1.66	195.39	140.02	0.25	9.00	14.76	-0.23	2.29	199.63	143.14
50	180034	180451	0.46	10.34	15.71	-1.34	0.01	184.64	132.92	0.40	11.02	17.17	-0.79	1.75	208.95	145.31
50	180148	170237	0.55	10.53	15.85	-0.59	0.26	185.31	130.13	0.34	9.67	15.24	-0.16	1.59	194.59	138.19
50	180165	160607	0.35	9.77	15.61	-0.85	0.74	189.25	138.65	0.35	10.74	16.92	-0.65	1.36	202.42	144.91
50	180173	170237	0.35	9.57	15.04	-0.60	0.83	186.78	136.52	0.24	9.20	14.84	-0.16	1.87	195.32	141.39
50	180307	180451	0.51	10.25	16.32	-1.47	0.47	192.36	139.64	0.42	10.98	17.48	-0.85	1.98	212.81	148.67
51	180126	160197	0.41	9.28	14.27	-0.53	1.18	187.12	134.24	0.33	8.71	13.87	-0.03	1.97	191.40	134.60
51	180151	160197	0.25	7.58	12.37	0.95	2.06	180.55	127.20	0.24	7.86	12.92	0.71	2.41	188.11	131.08
51	180186	150099	0.27	7.60	12.26	0.22	1.92	181.50	130.07	0.41	9.11	14.81	-0.47	1.83	195.76	139.93
51	180187	180451	0.29	7.83	12.53	0.19	1.89	182.88	130.54	0.31	9.77	15.58	-0.03	2.69	208.07	144.12
51	180293	170237	0.37	9.34	14.73	-0.60	1.12	188.50	138.30	0.25	9.08	14.68	-0.16	2.02	196.18	142.28
52	180010	180451	0.29	9.49	15.90	-0.24	1.89	200.23	145.91	0.31	10.60	17.26	-0.24	2.68	216.74	151.81
52	180095	180451	0.46	10.35	15.96	0.31	1.81	199.32	137.84	0.40	11.03	17.29	0.03	2.64	216.29	147.77
52	180120	160607	0.33	10.09	16.27	-0.27	1.63	200.09	142.04	0.34	10.89	17.25	-0.36	1.81	207.84	146.60
52	180152	160607	0.35	9.87	16.30	0.12	2.48	207.81	147.41	0.35	10.79	17.27	-0.17	2.23	211.70	149.29
52	180216	170237	0.45	10.33	15.63	0.05	1.65	197.39	134.95	0.29	9.58	15.13	0.16	2.28	200.63	140.60
53	180027	160607	0.38	9.30	13.73	-0.27	1.73	190.56	136.67	0.36	10.50	15.98	-0.36	1.86	203.07	143.92
53	180171	150099	0.30	8.94	14.35	-0.20	1.56	189.68	137.32	0.42	9.78	15.85	-0.68	1.65	199.85	143.56
53	180241	170237	0.45	9.26	15.03	-1.14	1.43	195.11	142.85	0.29	9.04	14.83	-0.44	2.17	199.49	144.55
53	180297	150099	0.50	9.62	15.67	-1.01	1.17	194.71	140.83	0.52	10.12	16.51	-1.08	1.46	202.36	145.31
53	180301	180451	0.49	11.24	17.38	-0.40	0.95	199.50	141.38	0.41	11.47	18.01	-0.32	2.22	216.38	149.54
54	180128	170237	0.32	8.54	14.57	0.28	1.57	187.57	132.84	0.22	8.68	14.60	0.27	2.24	195.72	139.55
54	180130	160607	0.46	10.44	16.09	-0.47	0.82	191.93	137.33	0.41	11.07	17.17	-0.46	1.41	203.76	144.25
54	180208	180451	0.33	8.54	13.91	-0.15	1.66	188.10	133.05	0.33	10.12	16.27	-0.20	2.57	210.68	145.38
54	180217	170237	0.34	8.75	13.79	0.26	1.81	188.15	131.74	0.23	8.78	14.21	0.26	2.36	196.01	139.00
54	180303	180451	0.41	8.77	13.75	-0.97	1.49	189.50	139.86	0.37	10.24	16.19	-0.61	2.49	211.38	148.78
55	180113	170237	0.31	8.06	12.92	-0.01	1.84	184.91	131.45	0.22	8.44	13.78	0.13	2.38	194.39	138.85
55	180180	180451	0.29	7.74	12.95	-0.23	1.62	182.78	133.22	0.31	9.72	15.79	-0.24	2.55	208.02	145.46
55	180182	160197	0.25	7.59	12.65	0.30	2.22	186.00	133.56	0.24	7.87	13.06	0.39	2.49	190.84	134.26
55	180229	160607	0.30	8.41	13.23	0.23	1.76	185.04	130.09	0.32	10.06	15.74	-0.11	1.88	200.31	140.63
55	180254	160607	0.42	9.07	14.34	-0.76	1.08	186.73	136.60	0.38	10.38	16.29	-0.61	1.54	201.16	143.88
56	180009	170237	0.35	9.64	15.03	-1.13	0.57	186.15	135.53	0.24	9.23	14.83	-0.43	1.74	195.01	140.89
56	180028	150099	0.36	8.65	12.52	-0.63	1.01	178.09	130.77	0.46	9.63	14.94	-0.90	1.38	194.05	140.28
56	180061	180451	0.43	9.29	13.77	-0.19	0.79	179.54	127.95	0.38	10.49	16.20	-0.22	2.13	206.40	142.83
56	180098	160607	0.38	9.07	13.47	-0.11	0.81	177.85	126.77	0.36	10.38	15.85	-0.28	1.40	196.72	138.97
56	180323	160607	0.52	9.95	16.23	-0.62	1.05	194.48	138.38	0.43	10.82	17.23	-0.54	1.52	205.03	144.77
57	180102	160607	0.31	8.59	14.14	-0.25	2.25	196.10	138.07	0.33	10.14	16.19	-0.35	2.12	205.84	144.62
57	180146	160607	0.39	10.37	15.68	-0.05	1.88	200.72	141.30	0.37	11.04	16.96	-0.26	1.94	208.15	146.23
57	180179	170237	0.35	8.27	12.97	-0.14	1.22	179.10	129.34	0.24	8.55	13.80	0.06	2.07	191.48	137.80

57	180201	170237	0.26	7.91	12.94	0.14	1.78	183.45	131.55	0.19	8.36	13.79	0.21	2.35	193.66	138.90
57	180202	160607	0.24	6.96	10.97	-0.08	1.91	176.68	130.33	0.29	9.33	14.60	-0.27	1.95	196.13	140.75
57	180253	180451	0.54	9.80	15.46	-0.46	1.37	194.40	137.99	0.43	10.75	17.05	-0.35	2.42	213.83	147.85
57	180267	160607	0.48	9.94	15.99	-0.60	1.38	197.29	141.35	0.41	10.82	17.12	-0.53	1.68	206.44	146.26
57	180287	170237	0.44	9.44	14.87	-0.76	1.47	193.83	140.51	0.28	9.13	14.75	-0.24	2.19	198.85	143.38
57	180300	160607	0.39	8.97	14.41	-0.83	1.72	194.29	140.19	0.37	10.34	16.33	-0.64	1.85	204.94	145.68
58	180030	160607	0.39	9.26	14.51	-0.17	1.73	192.72	137.83	0.37	10.48	16.37	-0.32	1.86	204.15	144.50
58	180158	160197	0.40	8.92	14.62	-0.75	1.61	193.33	140.24	0.32	8.53	14.05	-0.14	2.19	194.50	137.60
58	180248	160607	0.54	9.49	15.11	-0.77	1.27	192.58	138.66	0.44	10.60	16.67	-0.61	1.63	204.08	144.91
58	180277	160197	0.44	9.90	15.72	-0.82	1.07	193.61	142.04	0.34	9.02	14.60	-0.17	1.92	194.64	138.50
59	180011	170237	0.32	10.07	16.46	-0.33	1.97	204.81	147.67	0.22	9.44	15.55	-0.03	2.44	204.34	146.96
59	180230	170237	0.30	8.41	13.23	0.23	1.76	185.04	130.09	0.21	8.61	13.93	0.25	2.34	194.45	138.17
59	180250	170237	0.43	9.15	15.05	-0.72	1.13	189.76	138.54	0.28	8.98	14.84	-0.23	2.02	196.81	142.40
59	180255	170237	0.42	9.07	14.34	-0.76	1.08	186.73	136.60	0.27	8.94	14.49	-0.24	2.00	195.30	141.43
59	180319	160607	0.54	8.84	14.20	-0.86	1.50	190.88	138.31	0.44	10.27	16.22	-0.66	1.74	203.23	144.74
60	180075	160607	0.35	9.09	13.29	-0.79	0.56	177.22	127.17	0.35	10.39	15.77	-0.62	1.27	196.40	139.17
60	180085	160607	0.41	9.65	14.79	-0.82	0.87	187.51	133.47	0.38	10.67	16.52	-0.64	1.43	201.55	142.32
60	180167	160197	0.28	9.23	13.58	-0.50	1.18	184.52	135.26	0.26	8.69	13.53	-0.01	1.97	190.10	135.11
60	180276	160607	0.44	9.90	15.72	-0.82	1.07	193.61	142.04	0.40	10.80	16.98	-0.64	1.53	204.60	146.60
61	170237	160607	0.32	8.68	13.33	-0.47	0.79	177.78	129.65	0.34	10.19	15.78	-0.46	1.39	196.68	140.41
61	180035	150099	0.41	9.95	15.10	-1.20	0.55	187.16	134.52	0.48	10.29	16.23	-1.18	1.14	198.59	142.16
61	180091	150099	0.45	10.47	15.45	-0.80	0.63	188.85	133.63	0.50	10.55	16.40	-0.98	1.18	199.43	141.71
61	180133	150099	0.34	10.06	15.46	-0.78	1.06	192.75	140.03	0.45	10.34	16.41	-0.97	1.40	201.38	144.91
61	180178	150099	0.41	7.84	12.19	-0.18	0.85	171.31	122.53	0.48	9.23	14.77	-0.67	1.29	190.66	136.16
62	180057	170237	0.46	10.53	14.61	-0.75	1.29	193.35	134.27	0.29	9.67	14.62	-0.24	2.10	198.61	140.26
62	180103	150099	0.28	7.99	12.84	-0.05	2.10	187.73	133.93	0.41	9.31	15.10	-0.61	1.92	198.87	141.86
62	180116	170237	0.28	7.34	12.28	-0.27	1.67	180.19	129.92	0.20	8.08	13.46	0.00	2.29	192.03	138.09
62	180135	150099	0.25	7.77	12.47	0.43	2.52	188.72	133.15	0.40	9.20	14.91	-0.36	2.13	199.37	141.47
62	180313	160607	0.44	9.87	15.66	-1.04	1.67	201.10	144.18	0.40	10.78	16.95	-0.75	1.83	208.34	147.67
63	180087	160197	0.43	9.43	14.27	0.12	0.82	180.74	127.61	0.33	8.79	13.88	0.30	1.79	188.21	131.28
63	180177	160197	0.46	8.11	11.40	-0.96	-0.39	158.29	114.89	0.35	8.12	12.44	-0.24	1.19	176.98	124.92
63	180299	160197	0.39	8.97	14.41	-0.83	1.72	194.29	140.19	0.31	8.56	13.95	-0.17	2.24	194.98	137.57
63	180311	180451	0.42	8.86	14.02	-0.95	1.38	189.27	139.81	0.38	10.28	16.33	-0.60	2.43	211.26	148.76