

### Radiological Survey Sheet

Job Location Pfizer Central Research Gorton 118/210 Page 1 of 13  
 Survey Purpose Radiological Assessment / Decommission Date 11/12/01  
 Performed By Pam Jones (Print) Pam Jones (Sign)

Inst.(1) Beckman LS 6500 (Model/SN) #7060743	Inst.(2) Ludlum 2241-2 (Model/SN) #163603	Inst.(3) (Model/SN)
Det. Internal (Model/SN)	Det. Ludlum 43-68 (Model/SN) #PR149613	Det. (Model/SN)
Eff. See LSC Printout	Eff. ≈ 8% C14	Eff.
Type rad. β	Type rad. β	Type rad.
Bkgd. See LSC Printout	Bkgd. 300 cpm	Bkgd.
Cal. Due: 5/1/02	Cal. Due 1/20/02	Cal. due

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )
1.	08:00	door	1	See attached LSC Printout
2.		cabinet	1	
3.		desktop	1	
4.		"	1	
5.		shelves	1	
6.		wall	1	
7.		" "	1	
8.		cabinet	1	
9.		wall	1	
10.		floor	1	
11.		floor	1	
12.			1	
13.			1	
14.			1	
15.			1	
16.			1	
17.			1	
18.	↓	↓	1	↓

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Date 11/12/01

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )
19		floor		
20		top shelf	1	See attached LSC Printout
21		shelf	1	
22		bottom shelf	1	
23		wall	1	
24		↓	?	
25		↓	1	
26		door	1	
27		wall	1	
28		↓	1	
29		top shelf	1	
30		shelf	1	
31		bottom shelf	1	
32		wall	1	
33		↓	1	
34		door	1	
35		wall	1	
36		↓	1	
37		pipe drier	1	
38		out. cabinet	1	
39		top shelf	1	
40		shelf	1	
41		↓	1	
42		bot. shelf	1	
43		wall	1	
44		top shelf	1	
45		shelf	1	
46	✓	bot. shelf	1	

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Date 11/2/01

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )
47		top shelf		
48		shelf	1	See attached LSC Printout
49		bot. shelf	1	
50		wall	1	
51		counter	1	
52		sides of sink	1	
53		bottom	1	
54		drain	1	
55		counter	1	
56			1	
57			1	
58			1	
59		↓	1	
60		cup sink	1	
61		mat cabinet	1	
62		left	1	
63		bottom	1	
64		right	1	
65		out. drawer	1	
66		top drawer	1	
67		drawer	1	
68		↓	1	
69		bot. drawer	1	
70		out. drawer	1	
71		top drawer	1	
72		drawer	1	
73		↓	1	
74		bot. drawer	1	

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )
75		out. cabinet		See attached LSC Printout
76		top shelf	1	
77		bottom shelf	1	
78		out. drawers	1	
79		top drawer	1	
80		drawer	1	
81		↓	1	
82		bot. drawer	1	
83		out. drawers	1	
84		top drawer	1	
85		drawer	1	
86		↓	1	
87		bot. drawer	1	
88		drawer	1	
89		out. drawers	1	
90		top left drawer	1	
91		top rt. drawer	1	
92		drawer	1	
93		↓	1	
94		bot. drawer	1	
95		top shelf	1	
96		shelf	1	
97		↓	1	
98		bot. shelf	1	
99		floor	1	
100		↓	1	
101		↓	1	
102		↓	1	

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )
103		Floor		
104			1	See attached LSC Printout
105			1	
106			1	
107		↓ Floor	1	
108			1	
109			1	
110			1	
111		↓ Floor	1	
112			1	
113			1	
114			1	
115		↓ out hood left	1	
116		top	1	
117		right	1	
118		Window + handles	1	
119		↓ ledge	1	
120		inside hood top left side	1	
121		bottom left side	1	
122		left back top	1	
123		back middle	1	
124		↓ bottom back	1	
125		right back top	1	
126		back middle	1	
127		bottom back	1	
128		right top side	1	
129		right bottom side	1	
130	↓	↓ COUNTER	1	

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )
131		Counter		
132		Counter	1	See attached LSC Printout
133		Side of sink	1	
134		bottom	1	
135		drain	1	
136		out. cabinet	1	
137		left	1	
138		bottom	1	
139		right	1	
140		out. cabinet	1	
141		left	1	
142		bottom	1	
143		right	1	
144		shelf	1	
145		wall	1	
146		↓	1	
147		out. shelves	1	
148		top shelf	1	
149		shelf	1	
150		↓	1	
151		bot. shelf	1	
152		out. shelves	1	
153		top shelf	1	
154		shelf	1	
155		↓	1	
156		bot. shelf	1	
157		out. shelves	1	
158		top shelf	1	

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )
159		shelf		
160		↓	1	See attached LSC Printout
161		bot. shelf	1	
162		int. shelves	1	
163		top shelf	1	
164		shelf	1	
165		↓	1	
166		bot. shelf	1	
167		int. shelves	1	
168		top shelf	1	
169		shelf	1	
170		↓	1	
171		bot. shelf	1	
172		int. shelves	1	
173		top shelf	1	
174		shelf	1	
175		↓	1	
176		bot. shelf	1	
177		counter	1	
178			1	
179			1	
180			1	
181		↓	1	
182		fiberglass	1	
183		int. drawers	1	
184		top drawer	1	
185		drawer	1	
186	↓	↓	1	

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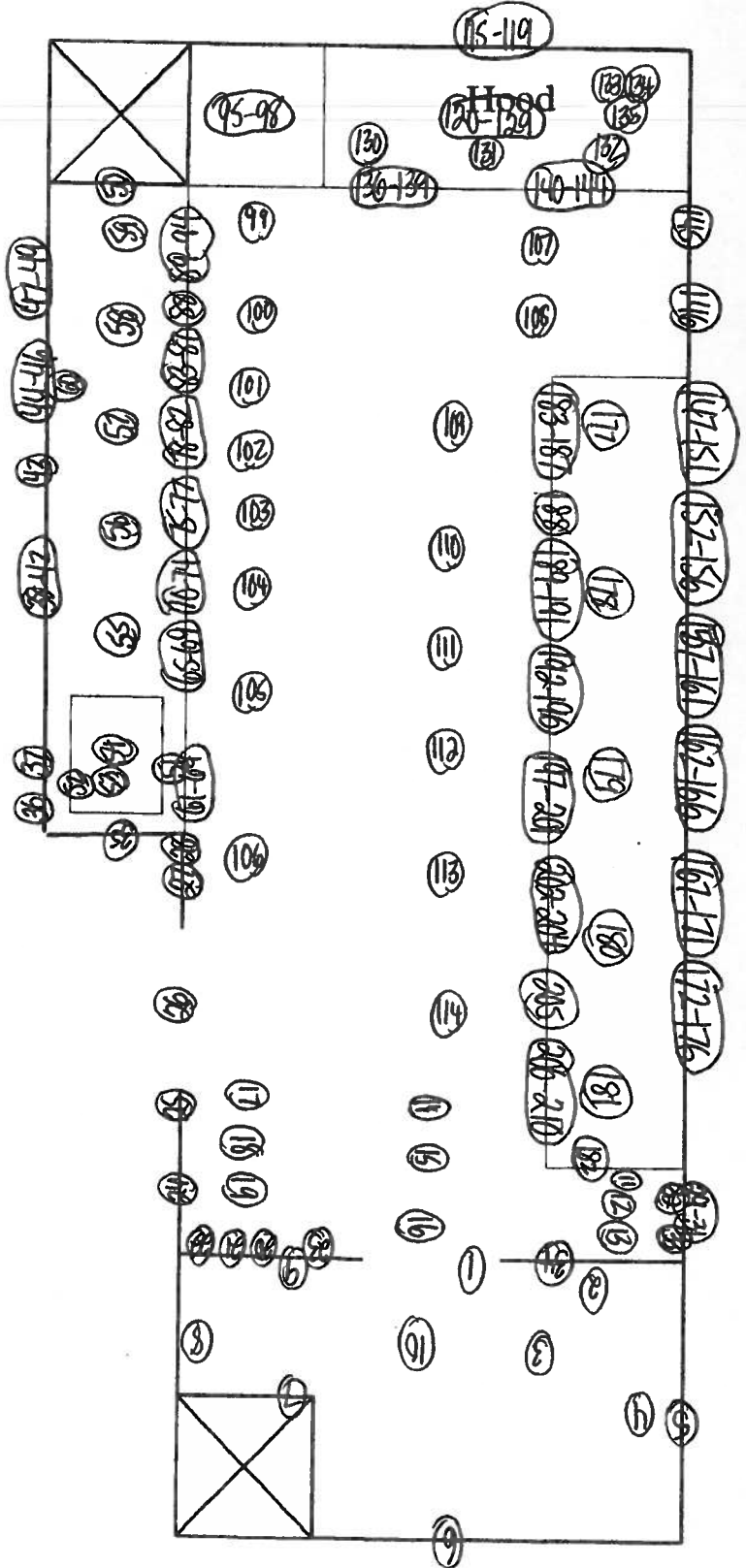
1/2/01

No.	Time	Location	Inst. Used	Total Activity (dpm)
187		bot. drawer	1	See attached LSC Printout
188		drawer	1	
189		out. cabinet	1	
190		top shelf	1	
191		bot. shelf	1	
192		out. drawers	1	
193		top drawer	1	
194		drawer	1	
195		↓	1	
196		bot. drawer	1	
197		out. drawers	1	
198		top drawer	1	
199		drawer	1	
200		↓	1	
201		bot. drawer	1	
202		out. cabinet	1	
203		top shelf	1	
204		bot. shelf	1	
205		drawer	1	
206		out. drawers	1	
207		top drawer	1	
208		drawer	1	
209		↓	1	
210		bot. drawer	1	
211			1	
212			1	
213			1	
214			1	



Surveyed 100% of all lower surfaces using instrument #2. All areas were found to be at a level of normal background.

○ = wipe location



ID: MONTHLY V. IN 7 1988

USER: 5 COMMENT:

12 NOV 1988

RESET TIME : 1.00  
 DATE : DL DPM NS = 33 SAMPLE REPEATS  
 COUNT BLANK : 337 CH# : NO REPLICAS  
 NO PHASE : NO AGC : YES  
 SCINTILLATOR: LIQUID LUMEX  
 LOW LEVEL :

ISOTOPE 14C BKG. SUB: 0  
 ISOTOPE 3H BKG. SUB: 0  
 COUNTS: 1.0000 BKG. SUB: 0

COLOR QUENCH CORRECTION: Off

13.688 High: 306.34

CH#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
31	20.00	2.00	34.00	40.50	2.35	0.67
	Blank Average	DPM	for	3H :	40.50 COEF.	OF VAR: 0.000
	Blank Average	DPM	for	14C :	2.35 COEF.	OF VAR: 0.000

1	75.2	11.00	12.00	30.00	-23.47	13.51	0.59
2	77.3	12.00	6.00	22.00	-18.11	5.48	0.92
3	78.7	12.00	10.00	29.00	-20.02	10.85	0.51
4	75.8	17.00	13.00	38.00	-11.29	14.76	0.67
5	79.5	18.00	9.00	32.00	-6.57	9.41	0.72
6	78.8	14.00	5.00	22.00	-13.16	4.12	0.88
7	78.1	9.00	8.00	27.00	-25.45	8.21	0.57
8	77.8	14.00	4.00	31.00	-12.78	2.78	0.65
9	79.1	12.00	7.00	36.00	-18.43	6.83	0.67
10	84.3	19.00	11.00	38.00	-4.62	12.10	1.18
11	75.0	15.00	7.00	34.00	-12.56	6.76	0.44
12	77.6	17.00	10.00	32.00	-9.51	10.76	0.43
13	76.2	11.00	12.00	32.00	-23.40	13.52	0.61
14	75.9	13.00	15.00	41.00	-20.73	17.50	0.38
15	77.7	11.00	10.00	38.00	-22.25	10.86	0.47
16	77.1	14.00	15.00	41.00	-18.50	17.49	0.49
17	79.2	15.00	11.00	32.00	-14.07	12.14	0.60
18	77.7	9.00	8.00	27.00	-25.48	8.21	0.69
19	80.7	9.00	15.00	31.00	-28.92	17.61	0.79
20	75.6	18.00	12.00	37.00	-8.71	13.40	0.44
21	76.6	16.00	7.00	28.00	-10.24	6.75	0.49
22	78.5	18.00	6.00	32.00	-5.18	5.39	0.46
23	81.7	15.00	10.00	30.00	-13.23	10.81	0.67
24	80.7	18.00	12.00	40.00	-7.93	13.44	0.34
25	80.3	11.00	10.00	36.00	-22.02	10.87	0.48
26	76.1	16.00	9.00	39.00	-11.33	9.43	0.54
27	77.0	12.00	4.00	25.00	-17.12	2.81	0.70
28	82.2	5.00	6.00	24.00	-32.80	5.62	0.99
29	73.8	9.00	18.00	39.00	-30.76	21.55	0.34
30	81.4	9.00	9.00	28.00	-25.74	9.57	0.55
31	75.9	18.00	7.00	33.00	-6.13	6.72	0.42
32	77.4	10.00	7.00	30.00	-22.86	6.86	0.62
33	84.8	14.00	9.00	33.00	-14.48	9.50	0.61
34	81.3	18.00	12.00	37.00	-7.84	13.44	0.60
35	79.7	15.00	9.00	38.00	-12.98	9.46	0.42
36	79.3	18.00	6.00	32.00	-5.04	5.39	0.64

3AM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
37	78.0	14.00	7.00	35.00	-14.29	6.79	0.43
38	78.0	9.00	9.00	24.00	-28.10	9.57	0.54
39	76.9	11.00	15.00	37.00	-24.87	17.54	0.31
40	85.1	18.00	13.00	42.00	-7.76	14.81	0.75
41	74.4	11.00	11.00	33.00	-23.03	12.17	0.57
42	77.1	13.00	9.00	26.00	-17.55	9.48	0.58
43	78.1	13.00	10.00	31.00	-17.96	10.83	0.48
44	78.2	15.00	10.00	37.00	-13.69	10.79	0.47
45	76.0	15.00	11.00	35.00	-14.47	12.12	0.52
46	75.3	13.00	10.00	32.00	-18.25	10.81	0.58
47	78.0	14.00	11.00	34.00	-16.35	12.15	0.47
48	77.7	20.00	13.00	49.00	-4.66	14.72	0.34
49	80.4	19.00	10.00	44.00	-4.79	10.74	0.28
50	81.5	15.00	7.00	33.00	-11.68	6.79	0.67
51	78.9	15.00	10.00	39.00	-13.60	10.80	0.32
52	73.8	24.00	11.00	40.00	4.06	11.96	0.30
53	78.9	18.00	8.00	31.00	-6.14	8.07	0.53
54	76.2	13.00	13.00	40.00	-19.68	14.83	0.41
55	80.4	15.00	10.00	36.00	-13.40	10.81	0.57
56	77.1	21.00	10.00	42.00	-1.10	10.69	0.50
57	79.2	10.00	13.00	29.00	-25.81	14.90	0.52
58	79.8	13.00	15.00	37.00	-20.37	17.54	0.64
59	78.2	12.00	5.00	25.00	-17.50	4.15	0.56
60	83.8	20.00	16.00	49.00	-5.17	18.80	0.44
61	76.1	14.00	14.00	39.00	-18.08	16.15	0.32
62	76.1	16.00	8.00	35.00	-10.82	8.09	0.40
63	77.1	18.00	12.00	38.00	-8.48	13.41	0.37
64	77.7	17.00	6.00	34.00	-7.44	5.40	0.46
65	76.9	18.00	10.00	37.00	-7.49	10.74	0.35
66	75.4	30.00	8.00	54.00	18.53	7.86	0.37
67	78.1	10.00	11.00	32.00	-24.86	12.21	0.38
68	79.3	12.00	12.00	32.00	-21.01	13.53	0.56
69	76.9	16.00	9.00	33.00	-11.22	9.43	0.83
70	76.4	11.00	12.00	32.00	-23.38	13.52	0.36
71	75.9	15.00	5.00	36.00	-11.42	4.09	0.30
72	75.9	13.00	4.00	26.00	-15.13	2.79	0.51
73	78.5	8.00	11.00	30.00	-29.10	12.25	0.74
74	78.1	16.00	14.00	40.00	-13.62	16.13	0.34
75	75.9	16.00	11.00	35.00	-12.37	12.10	0.56
76	77.8	11.00	7.00	32.00	-20.70	6.84	0.34
77	79.0	15.00	5.00	25.00	-10.99	4.10	0.67
78	76.1	18.00	8.00	33.00	-6.60	8.06	0.49
79	76.2	21.00	13.00	44.00	-2.79	14.70	0.35
80	76.1	15.00	7.00	32.00	-12.41	6.77	0.41
81	76.0	16.00	11.00	38.00	-12.36	12.10	0.45
82	74.2	19.00	10.00	41.00	-5.82	10.70	0.27
83	76.9	23.00	16.00	49.00	0.02	18.68	0.22
84	78.4	14.00	9.00	32.00	-15.27	9.47	0.44
85	77.0	9.00	8.00	22.00	-25.52	8.21	1.06
86	77.1	16.00	9.00	37.00	-11.19	9.43	0.47
87	79.0	14.00	5.00	26.00	-13.14	4.12	0.27
88	77.5	13.00	7.00	34.00	-16.48	6.81	0.53
89	78.7	16.00	8.00	31.00	-10.45	8.10	0.27
90	76.9	13.00	12.00	38.00	-19.10	13.49	0.39
91	75.8	14.00	12.00	36.00	-17.11	13.47	0.37
92	80.0	20.00	13.00	40.00	-4.26	14.74	0.22
93	76.8	11.00	5.00	26.00	-19.77	4.16	0.85
94	77.3	14.00	9.00	44.00	-15.41	9.47	0.22

3AM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
97	78.2	9.00	8.00	28.00	-25.44	8.21	0.47
98	76.7	15.00	8.00	27.00	-12.85	8.11	0.59
99	79.0	10.00	14.00	30.00	-26.35	16.24	0.27
100	77.8	23.00	16.00	45.00	0.21	18.69	0.21
101	85.1	15.00	16.00	45.00	-15.98	18.90	0.25
102	84.7	22.00	29.00	59.00	-7.57	36.24	0.25
103	86.1	17.00	13.00	38.00	-9.82	14.84	0.26
104	81.8	15.00	17.00	46.00	-16.89	20.20	0.16
105	85.0	15.00	16.00	45.00	-15.99	18.90	0.23
106	86.4	11.00	12.00	29.00	-22.56	13.60	0.46
107	98.3	12.00	15.00	39.00	-20.79	17.74	0.42
108	77.0	14.00	11.00	36.00	-16.46	12.14	0.43
109	81.6	14.00	14.00	36.00	-17.51	16.19	0.32
110	85.9	14.00	16.00	45.00	-18.11	18.92	0.29
111	81.5	14.00	6.00	35.00	-13.33	5.46	0.34
112	81.5	15.00	5.00	29.00	-10.63	4.11	0.68
113	84.2	13.00	13.00	35.00	-18.89	14.89	0.34
114	80.9	17.00	9.00	38.00	-8.49	9.43	0.37
115	79.0	16.00	5.00	33.00	-8.85	4.08	0.44
116	88.3	12.00	6.00	24.00	-16.86	8.52	0.61
117	80.0	17.00	3.00	29.00	-5.51	1.39	0.37
118	76.6	13.00	10.00	32.00	-18.11	10.82	0.34
119	78.2	17.00	21.00	47.00	-15.08	25.49	0.15
120	86.8	19.00	12.00	42.00	-4.72	13.46	0.27
121	80.1	13.00	17.00	45.00	-21.39	20.22	0.17
122	87.6	17.00	12.00	37.00	-9.04	13.50	4.89
123	82.4	22.00	7.00	38.00	3.68	6.67	0.34
124	95.3	10.00	19.00	40.00	-28.03	23.15	0.46
125	84.9	14.00	9.00	31.00	-14.47	9.50	0.51
126	86.3	17.00	19.00	51.00	-13.02	22.91	0.31
127	93.8	15.00	14.00	37.00	-13.76	16.29	0.57
128	84.2	11.00	6.00	24.00	-19.55	5.52	0.69
129	89.8	31.00	29.00	65.00	13.60	36.18	0.37
130	83.9	12.00	13.00	30.00	-21.10	14.91	0.45
131	83.0	12.00	12.00	30.00	-20.66	13.56	0.44
132	80.0	23.00	13.00	48.00	2.19	14.69	0.31
133	82.3	12.00	8.00	25.00	-18.62	8.18	0.59
134	84.9	7.00	16.00	35.00	-33.64	19.03	0.46
135	82.2	6.00	9.00	22.00	-32.20	9.63	0.64
136	95.2	11.00	11.00	35.00	-21.17	12.32	0.66
137	90.6	14.00	10.00	34.00	-14.25	10.88	0.55
138	79.8	16.00	12.00	35.00	-12.36	13.47	0.43
139	85.1	16.00	9.00	32.00	-10.02	9.47	0.33
140	85.5	12.00	7.00	27.00	-17.73	6.85	0.40
141	81.8	15.00	14.00	41.00	-15.32	16.18	0.21
142	84.2	11.00	6.00	25.00	-19.55	5.52	0.46
143	84.3	9.00	16.00	38.00	-29.26	18.99	0.34
144	83.5	15.00	14.00	39.00	-15.11	16.19	0.31
145	81.5	21.00	17.00	47.00	-3.93	20.10	0.29
146	84.9	12.00	12.00	31.00	-20.48	13.57	0.39
147	85.0	11.00	9.00	30.00	-21.06	9.56	0.56
148	91.1	12.00	16.00	35.00	-22.07	19.01	0.64
149	83.0	17.00	12.00	46.00	-9.75	13.47	0.22
150	82.5	16.00	8.00	33.00	-9.90	8.12	0.43
151	79.8	14.00	8.00	31.00	-14.59	8.14	0.28
152	84.1	12.00	9.00	30.00	-18.96	9.53	0.32
153	88.6	20.00	19.00	48.00	-5.97	22.88	0.32
154	81.3	15.00	8.00	33.00	-12.23	8.13	0.53

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
152	83.3	13.00	8.00	31.00	-16.33	8.17	0.26
153	81.3	18.00	8.00	37.00	-5.73	8.08	0.24
155	80.8	14.00	6.00	31.00	-13.41	5.46	0.54
156	81.3	10.00	5.00	28.00	-21.48	4.19	0.46
157	81.4	11.00	9.00	28.00	-21.40	9.54	0.35
158	83.2	14.00	9.00	30.00	-14.69	9.50	0.35
159	81.9	13.00	9.00	31.00	-17.02	9.51	0.27
160	81.6	14.00	10.00	36.00	-15.41	10.83	0.27
161	83.2	6.00	7.00	22.00	-31.10	6.95	0.50
162	80.2	11.00	5.00	29.00	-19.43	4.17	0.21
163	82.8	11.00	8.00	27.00	-20.75	8.20	0.54
164	81.7	12.00	7.00	29.00	-18.16	6.84	0.45
165	81.7	9.00	16.00	34.00	-29.39	18.96	0.27
166	77.9	16.00	3.00	28.00	-7.98	1.40	0.53
167	79.8	13.00	12.00	35.00	-18.81	13.52	0.39
168	80.6	19.00	6.00	34.00	-2.65	5.38	0.69
169	83.4	16.00	13.00	40.00	-12.40	14.83	0.41
170	82.9	11.00	11.00	34.00	-22.32	12.23	0.32
171	85.3	12.00	9.00	29.00	-18.82	9.54	0.45
172	83.7	14.00	13.00	37.00	-16.74	14.87	0.33
173	84.0	14.00	13.00	39.00	-16.71	14.87	0.20
174	82.5	15.00	12.00	34.00	-14.18	13.50	0.35
175	81.9	19.00	10.00	36.00	-4.52	10.75	0.51
176	82.3	17.00	7.00	39.00	-7.22	6.76	0.45
177	86.9	10.00	11.00	33.00	-24.20	12.28	0.21
178	84.8	11.00	10.00	29.00	-21.62	10.90	0.30
179	80.8	15.00	9.00	35.00	-12.82	9.47	0.33
180	79.2	12.00	7.00	27.00	-18.42	6.83	0.39
181	87.9	12.00	9.00	31.00	-18.55	9.56	0.33
182	88.1	12.00	14.00	36.00	-21.25	16.29	0.42
183	83.6	13.00	11.00	33.00	-17.88	12.20	0.44
184	85.2	13.00	10.00	29.00	-17.17	10.87	0.38
185	84.2	11.00	11.00	32.00	-22.21	12.24	0.50
186	81.7	8.00	10.00	23.00	-28.40	10.93	0.56
187	86.0	12.00	14.00	35.00	-21.45	16.27	0.34
188	83.3	12.00	12.00	30.00	-20.63	13.56	0.36
189	84.2	12.00	5.00	26.00	-16.82	4.16	0.51
190	84.0	14.00	9.00	42.00	-14.58	9.50	0.30
191	84.6	14.00	11.00	28.00	-15.57	12.19	0.54
192	84.9	13.00	13.00	34.00	-18.81	14.90	0.35
193	84.0	17.00	12.00	41.00	-9.60	13.48	0.35
194	83.6	15.00	9.00	36.00	-12.45	9.48	0.33
195	82.1	9.00	7.00	28.00	-24.63	6.89	0.43
196	83.5	19.00	4.00	28.00	-1.06	2.70	0.48
197	82.6	10.00	10.00	30.00	-24.00	10.90	0.33
198	86.1	21.00	6.00	39.00	2.83	5.36	0.30
199	84.3	11.00	9.00	34.00	-21.14	9.55	0.35
200	85.4	13.00	9.00	30.00	-16.61	9.52	0.73
201	87.2	14.00	17.00	50.00	-18.50	20.28	0.18
202	85.7	13.00	11.00	36.00	-17.65	12.22	0.18
203	83.4	10.00	12.00	32.00	-25.00	13.59	0.34
204	87.7	13.00	8.00	33.00	-15.79	8.19	0.35
205	83.7	10.00	9.00	26.00	-23.38	9.57	0.63
206	85.6	12.00	9.00	32.00	-18.79	9.54	0.35
207	87.4	8.00	10.00	31.00	-28.07	10.97	1.01
208	86.8	14.00	10.00	30.00	-14.76	10.86	0.43
209	84.8	11.00	8.00	33.00	-20.56	8.21	0.52
210	88.1	14.00	9.00	34.00	-14.04	9.52	0.36