



Consolidated Edison Company of New York, Inc.
4 Irving Place, New York, NY 10003

Indian Point Station

December 10, 1980

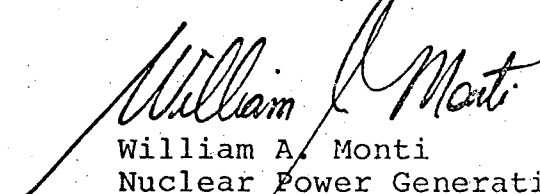
Mr. Robert Flacke, Commissioner
New York State Department of
Environmental Conservation
Albany, New York 12201

Dear Mr. Flacke:

Attached is the data specified in Section 401 Certification
for the month of November, 1980.

Very truly yours,

CONSOLIDATED EDISON COMPANY
OF NEW YORK, INC.


William A. Monti
Nuclear Power Generation Dept.
Indian Point Station
Buchanan, New York 10511

Attach.
EFE/sal

cc/ Mr. Richard Baker (IP-2-NY 0004472 & IP-3-NY 0027065)
Mr. Harvey Lunenfeld
Mr. Edson G. Case
Mr. Boyce H. Grier
Mr. John Blake

RECEIVED DISTRIBUTION
SERVICES UNIT

1980 DEC 16 AM 12 44

US NRC
NUCLEAR SERVICES
DEC 16 1980

8012160 476

P

A007
5/1

SPECIES CODE LIST

- | | |
|---|--|
| 01 Alewife | 49 Lookdown |
| 02 Bay Anchovy | 50 Clupeid Unidentified |
| 03 American Shad | 53 Grass Pickerel |
| 04 Bluefish | 54 Sea Horse |
| 05 Bluegill | 55 Logperch |
| 06 Brown Bullhead | 56 Trout Perch |
| 07 Pumpkinseed | 57 Northern Hogsucker |
| 08 Black Crappie | 58 Fathead Minnow |
| 09 Carp | 59 Cyprinid, Unidentified |
| 10 American Eel | 60 Morone (Unidentified) |
| 11 Goldfish | 61 Redfin Pickerel |
| 12 Golden Shiner | 62 Tautog |
| 13 Hogchoker | 63 Four Bearded Rockling |
| 14 Tessellated Darter | 64 Striped Cuskeel |
| 15 Banded Killifish | 66 King Fish |
| 16 Emerald Shiner (<i>Notropis atherinoides</i>) | 67 Spot |
| 17 Largemouth Bass | 68 Moonfish |
| 18 Mummichog | 69 Brook Stickleback |
| 19 Atlantic Menhaden | 71 Northern Porgy |
| 21 Chain Pickerel | 72 Winter Flounder |
| 22 Blueback Herring | 73 Tidewater Silverside |
| 23 White Sucker | 74 Sea Lamprey |
| 24 Atlantic Silverside | 75 Gizzard Shad |
| 25 Rainbow Smelt | 76 Silver Hake |
| 26 Smallmouth Bass | 77 Striped Mullet |
| 27 Shortnose Sturgeon | 78 Threespine Stickleback |
| 28 Spottail Shiner (<i>Notropis hudsonius</i>) | 79 Brown Trout |
| 29 Atlantic Sturgeon | 80 Butterfish |
| 30 Striped Bass | 81 White Crappie |
| 31 Fourspine Stickleback | 82 Brook Trout |
| 32 Atlantic Tomcod | 83 Northern Pike |
| 33 To Be Identified | 84 Green Sunfish |
| 34 White Catfish | 85 Silver Perch |
| 35 White Perch | 86 Northern Puffer |
| 36 Yellow Perch | 87 Blacknose Dace |
| 37 Satinfish Shiner (<i>Notropis analostanus</i>) | 88 Bridel Shiner (<i>N. bifrenatus</i>) |
| 38 Rock Bass | 90 Cutlips Minnow |
| 39 Northern Pipefish | 91 Yearling Striped Bass |
| 40 Redbreast Sunfish | 92 YOY Blueback Herring |
| 41 Atlantic Needlefish (Silver Gar) | 93 YOY American Shad |
| 42 Crevalle Jack | 94 YOY Alewife |
| 43 Silvery Minnow | 95 Yearling White Perch |
| 44 Fallfish | 96 Centrarchid Unidentified |
| 45 Weakfish | 97 Spitfin Shiner |
| 46 Comely Shiner (<i>N. amoenus</i>) | 98 Squirrel Hake, Red Hake (<i>U. chuss</i>) |
| 47 Common Shiner (<i>N. cornutus</i>) | 99 Unidentifiable |
| 48 Mimic Shiner (<i>N. volcellus</i>) | |

SPECIES CODE LIST

- 100 Central Mudminnow
- 101 Grubby
- 102 East Mudminnow
- 103 White Bass
- 104 Rough Silverside
- 105 Longear Sunfish
- 106 Summer Flounder
- 107 Longnose Dace
- 108 Creek Chub
- 109 Black Bullhead
- 110 Striped Searobin
- 111 Northern Searobin
- 112 Atlantic Croaker
- 113 Longhorn Sculpin
- 114 Round Herring
- 115 Hickory Shad
- 116 Atlantic Herring
- 117 Reef Silverside
- 118 Striped Anchovy
- 119 Conger Eel
- 120 Striped Killifish
- 121 Warmouth
- 122 Bluntnose Minnow
- 123 Walleye
- 124 White Mullet
- 125 Yellow Bullhead
- 126 Channel Catfish
- 127 Pollack
- 128 Seaboard Goby
- 129 Naked Goby
- 130 Yellowtail Flounder
- 131 Windowpane
- 132 Spotted Hake
- 133 Sea Robin
- 134 Eyeshade Sculpin
- 135 Northern Stargazer
- 136 American Sandlace
- 137 Fat Sleeper
- 138 Four Spot Flounder
- 139 Atlantic Mackerel
- 140 Black Sea Bass
- 141 Smallmouth Flounder
- 142 Rock Gunnel
- 143 Inshore Lizardfish
- 144 Mudminno Unidentified
- 145 Silver Lamprey
- 146 Rainbow Trout
- 147 Rosyface Shiner
- 148 Esocidae-Pikes
- 149 Gobiidae-Gobies

UNIT 1, 2, 3, CIRCULATING WATER TEMP.

<u>DATE</u>	<u>INLET</u>			<u>OUTLET</u>		
	<u>MIN.</u>	<u>MAX.</u>	<u>AVG.</u>	<u>MIN.</u>	<u>MAX.</u>	<u>AVG.</u>
1	56.2	57.5	57.3	56.0	57.5	57.2
2	55.4	57.0	56.2	55.2	56.8	56.1
3	55.2	56.2	55.7	55.0	56.4	55.6
4	54.8	55.5	55.2	54.7	55.7	55.3
5	55.0	55.2	55.1	54.7	55.3	55.1
6	53.8	54.7	54.3	53.6	54.9	54.3
7	53.9	54.4	54.2	53.8	54.6	54.3
8	53.8	54.2	54.1	53.7	54.5	54.2
9	53.4	54.0	53.6	53.1	54.0	53.6
10	52.5	53.7	53.2	52.5	53.6	53.3
11	51.7	53.0	52.4	52.3	54.0	53.3
12	50.0	52.3	51.0	51.5	53.9	52.6
13	49.5	50.7	50.2	51.2	52.8	52.2
14	49.8	50.5	50.2	51.3	52.8	52.2
15	49.8	50.3	50.1	51.2	52.5	51.9
16	47.8	49.6	49.0	49.2	51.2	50.5
17	47.6	48.7	48.1	49.0	50.5	49.8
18	47.2	48.2	47.7	49.1	50.3	49.7
19	46.8	47.7	47.2	49.0	50.2	49.5
20	46.7	47.2	47.0	48.8	50.0	49.6
21	46.4	47.0	46.7	46.0	49.4	48.8
22	46.3	46.9	46.7	46.0	46.0	46.0
23	46.1	46.8	46.5	45.5	46.0	45.6
24	46.0	47.0	46.6	*	*	*
25	46.5	47.0	46.9	*	*	*
26	46.0	47.0	46.2	45.0	45.0	45.0
27	46.0	47.0	46.1	45.0	45.0	45.0
28	45.0	46.0	45.6	45.0	45.0	45.0
29	45.5	46.0	45.6	45.5	45.5	45.5
30	45.0	46.0	45.0	45.0	45.0	45.0

*Being Repaired.

Indian Point Station
November, 1980
Permit No. - NY0004472

UNIT NO. 2 GROSS ELECTRICAL OUTPUT

<u>DATE</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>	<u>AVERAGE</u>	<u>KILOWATT HRS.</u>
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	0	0	0
25	0	0	0	0
26	0	0	0	0
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0

UNIT NO. 3 GROSS ELECTRICAL OUTPUT

KILOWATTS

<u>DATE</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>	<u>AVERAGE</u>	<u>KILOWATT HRS.</u>
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	0	0	0
25	0	0	0	0
26	0	0	0	0
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0

UNIT 1 RIVER WATER DISCHARGE

<u>CIRCULATOR 11</u>				<u>CIRCULATOR 12</u>				<u>AVERAGE</u>
<u>DATE</u>	<u>ON</u>	<u>OFF</u>	<u>HRS</u>	<u>% FLOW</u>	<u>ON</u>	<u>OFF</u>	<u>HRS</u>	<u>UNIT DISCH.</u>
								<u>GPM x 10⁻³</u>
1			24	100			24	299.0
2			24	100			24	299.0
3			24	100			24	299.0
4			24	100			24	299.0
5			24	100			24	299.0
6			24	100			24	299.0
7			24	100			24	299.0
8			24	100			24	299.0
9			24	100			24	299.0
10			24	100			24	299.0
11			24	100			24	299.0
12			24	100			24	299.0
13			24	100			24	299.0
14			24	100			24	299.0
15			24	100			24	299.0
16			24	100			24	299.0
17			24	100			24	299.0
18			24	100			24	299.0
19			24	100			24	299.0
20			24	100			24	299.0
21			24	100			24	299.0
22			24	100			24	299.0
23			24	100			24	299.0
24			24	100			24	299.0
25			24	100			24	299.0
26			24	100			24	299.0
27			24	100			24	299.0
28			24	100			24	299.0
29			24	100			24	299.0
30			24	100			24	299.0

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UNIT 2 RIVER WATER DISCHARGE

<u>DATE</u>	<u>CIRCULATOR 21</u>				<u>CIRCULATOR 22</u>				<u>AVERAGE</u>
	<u>ON</u>	<u>OFF</u>	<u>HRS</u>	<u>% FLOW</u>	<u>ON</u>	<u>OFF</u>	<u>HRS</u>	<u>% FLOW</u>	<u>UNIT DISCH.</u> <u>GPM x 10⁻³</u>
1			0	0			0	0	20.0
2			0	0			0	0	19.3
3			0	0			0	0	10.0
4			0	0			0	0	10.0
5			0	0			0	0	6.0
6			0	0			0	0	10.0
7			0	0			0	0	10.0
8			0	0			0	0	10.0
9			0	0			0	0	10.7
10			0	0			0	0	14.8
11			0	0			0	0	15.0
12			0	0			0	0	14.7
13			0	0			0	0	16.8
14			0	0			0	0	17.0
15			0	0			0	0	24.2
16			0	0			0	0	23.6
17			0	0			0	0	21.0
18			0	0			0	0	17.3
19			0	0			0	0	20.0
20			0	0			0	0	20.0
21			0	0			0	0	20.0
22			0	0			0	0	20.0
23			0	0			0	0	19.6
24			0	0			0	0	20.0
25			0	0			0	0	20.0
26			0	0			0	0	21.1
27			0	0			0	0	19.2
28			0	0			0	0	20.3
29			0	0			0	0	19.8
30			0	0			0	0	20.0

UNIT 2 RIVER WATER DISCHARGE

CIRCULATOR 23

CIRCULATOR 24

<u>DATE</u>	<u>ON</u>	<u>OFF</u>	<u>HRS</u>	<u>% FLOW</u>	<u>ON</u>	<u>OFF</u>	<u>HRS</u>	<u>% FLOW</u>
1			0	0			0	0
2			0	0			0	0
3			0	0			0	0
4			0	0			0	0
5			0	0			0	0
6			0	0			0	0
7			0	0			0	0
8			0	0			0	0
9			0	0			0	0
10			0	0			0	0
11			0	0			0	0
12			0	0			0	0
13			0	0			0	0
14			0	0			0	0
15			0	0			0	0
16			0	0			0	0
17			0	0			0	0
18			0	0			0	0
19			0	0			0	0
20			0	0			0	0
21			0	0			0	0
22			0	0			0	0
23			0	0			0	0
24			0	0			0	0
25			0	0			0	0
26			0	0			0	0
27			0	0			0	0
28			0	0			0	0
29			0	0			0	0
30			0	0			0	0

UNIT 2 RIVER WATER DISCHARGE

CIRCULATOR 25

CIRCULATOR 26

<u>DATE</u>	<u>ON</u>	<u>OFF</u>	<u>HRS</u>	<u>% FLOW</u>	<u>ON</u>	<u>OFF</u>	<u>HRS</u>	<u>% FLOW</u>
1			0	0			0	0
2			0	0			0	0
3			0	0			0	0
4			0	0			0	0
5			0	0			0	0
6			0	0			0	0
7			0	0			0	0
8			0	0			0	0
9			0	0			0	0
10			0	0			0	0
11			0	0			0	0
12			0	0			0	0
13			0	0			0	0
14			0	0			0	0
15			0	0			0	0
16			0	0			0	0
17			0	0			0	0
18			0	0			0	0
19			0	0			0	0
20			0	0			0	0
21			0	0			0	0
22			0	0			0	0
23			0	0			0	0
24			0	0			0	0
25			0	0			0	0
26			0	0			0	0
27			0	0			0	0
28			0	0			0	0
29			0	0			0	0
30			0	0			0	0

UNIT 3 RIVER WATER DISCHARGE

DATE	<u>CIRCULATOR 31</u>				<u>CIRCULATOR 32</u>				AVERAGE UNIT DISCH. GPM x 10 ⁻³
	<u>ON</u>	<u>OFF</u>	<u>HRS</u>	<u>% FLOW</u>	<u>ON</u>	<u>OFF</u>	<u>HRS</u>	<u>% FLOW</u>	
1			0	0			0	0	5.0
2			0	0			0	0	5.0
3			0	0			0	0	5.0
4			0	0			0	0	5.0
5			0	0			0	0	5.0
6			0	0			0	0	5.0
7			0	0			0	0	5.0
8			0	0			0	0	7.9
9			0	0			0	0	10.0
10			0	0			0	0	5.0
11			0	0			0	0	5.0
12			0	0			0	0	5.0
13			0	0			0	0	5.0
14			0	0			0	0	5.5
15			0	0			0	0	5.0
16			0	0			0	0	5.0
17			0	0			0	0	5.0
18			0	0			0	0	5.0
19			0	0			0	0	5.0
20			0	0			0	0	5.0
21			0	0			0	0	19.0
22			0	0			0	0	145.0
23			0	0			0	0	145.0
24			0	0			0	0	145.0
25			0	0			0	0	145.0
26			0	0			0	0	145.0
27			0	0			0	0	145.0
28			0	0			0	0	146.4
29			0	0			0	0	150.0
30			0	0			0	0	150.0

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UNIT 3 RIVER WATER DISCHARGE

CIRCULATOR 33

CIRCULATOR 34

<u>DATE</u>	<u>ON</u>	<u>OFF</u>	<u>HRS</u>	<u>% FLOW</u>	<u>ON</u>	<u>OFF</u>	<u>HRS</u>	<u>% FLOW</u>
1			0	0			0	0
2			0	0			0	0
3			0	0			0	0
4			0	0			0	0
5			0	0			0	0
6			0	0			0	0
7			0	0			0	0
8			0	0			0	0
9			0	0			0	0
10			0	0			0	0
11			0	0			0	0
12			0	0			0	0
13			0	0			0	0
14			0	0			0	0
15			0	0			0	0
16			0	0			0	0
17			0	0			0	0
18			0	0			0	0
19			0	0			0	0
20			0	0			0	0
21			0	0			0	0
22			0	0			0	0
23			0	0			0	0
24			0	0			0	0
25			0	0			0	0
26			0	0			0	0
27			0	0			0	0
28			0	0			0	0
29			0	0			0	0
30			0	0			0	0

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UNIT 3 RIVER WATER DISCHARGE

CIRCULATOR 35

CIRCULATOR 36

<u>DATE</u>	<u>ON</u>	<u>OFF</u>	<u>HRS</u>	<u>% FLOW</u>	<u>ON</u>	<u>OFF</u>	<u>HRS</u>	<u>% FLOW</u>
1			0	0			0	0
2			0	0			0	0
3			0	0			0	0
4			0	0			0	0
5			0	0			0	0
6			0	0			0	0
7			0	0			0	0
8			0	0			0	0
9			0	0			0	0
10			0	0			0	0
11			0	0			0	0
12			0	0			0	0
13			0	0			0	0
14			0	0			0	0
15			0	0			0	0
16			0	0			0	0
17			0	0			0	0
18			0	0			0	0
19			0	0			0	0
20			0	0			0	0
21	2139		2:21	100			0	0
22			24	100			0	0
23			24	100			0	0
24			24	100			0	0
25			24	100			0	0
26			24	100			0	0
27			24	100			0	0
28			24	100			0	0
29			24	100			0	0
30			24	100			0	0

CHEMICAL DISCHARGES

November, 19 80

DATE	ppm Boron	ppm LiOH	DATE	ppm Boron	ppm LiOH
1	.06	< 1 X 10 ⁻⁴	16	.07	< 1 X 10 ⁻⁴
2	.04	< 1 X 10 ⁻⁴	17	.02	< 1 X 10 ⁻⁴
3	.08	< 1 X 10 ⁻⁴	18	< .01	< 1 X 10 ⁻⁴
4	.07	< 1 X 10 ⁻⁴	19	.05	< 1 X 10 ⁻⁴
5	.02	< 1 X 10 ⁻⁴	20	.01	< 1 X 10 ⁻⁴
6	.06	< 1 X 10 ⁻⁴	21	.04	< 1 X 10 ⁻⁴
7	.04	< 1 X 10 ⁻⁴	22	.09	< 1 X 10 ⁻⁴
8	.04	< 1 X 10 ⁻⁴	23	< .01	< 1 X 10 ⁻⁴
9	.03	< 1 X 10 ⁻⁴	24	.03	< 1 X 10 ⁻⁴
10	.03	< 1 X 10 ⁻⁴	25	.08	< 1 X 10 ⁻⁴
11	.06	< 1 X 10 ⁻⁴	26	.08	< 1 X 10 ⁻⁴
12	.05	< 1 X 10 ⁻⁴	27	< .01	< 1 X 10 ⁻⁴
13	.04	< 1 X 10 ⁻⁴	28	< .01	< 1 X 10 ⁻⁴
14	.05	< 1 X 10 ⁻⁴	29	< .01	< 1 X 10 ⁻⁴
15	.04	< 1 X 10 ⁻⁴	30	< .01	< 1 X 10 ⁻⁴

NOTES: (1) The Boron and LiOH concentrations were calculated by the following formula:

$$\text{Diluted ppm} = \frac{(\text{ppm of tank}) (\text{gpm. Disch. Rate})}{(\text{Actual circulator flow})}$$

CHEMICAL DISCHARGES

November, 1980

	DATE Nov. 6		DATE Nov. 12		DATE Nov. 19		DATE Nov. 26	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT
pH	7.8	7.8	7.7	7.8	7.6	7.7	7.7	7.7
CHROMIUM mg/l	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005
BORON mg/l (1)	0.21	0.27	0.15	0.20	0.47	0.52	0.20	0.24
PHOSPHATE mg/l	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.2	0.2
HYDRAZINE mg/l	<.003	<.003	<.003	<.003	<.003	<.003	<.003	<.003
CYCLOHEXYLAMINE mg/l (3)								
LITHIUM HYDROXIDE mg/l (1)								
CHLORINE mg/l (2)								
TOTAL SUSPENDED SOLIDS mg/l	< 20	< 20	30	38	< 20	< 20	< 20	27
DISSOLVED OXYGEN mg/l	9.6	9.6	11.3	11.3	10.2	10.2	10.4	10.5

NOTES: (1) Boron and Lithium Hydroxide results are attached.
 (2) No chlorinations performed during November, 1980.
 (3) Not used.

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

DATA SHEET

No. _____

DATE _____

LOCATION _____

PREPARED BY _____

SUBJECT _____

November - 1980
Indian Point Station
Daily Counts from Intake Screens
Unit #1

Unit No. 2
Permit No.
NY0004472

Date	1	2	3	5	6	7	8	10	13	15	17	22	28	29	30	34	35	39	42	45	76	96	98	104	106	110	Total Number	Total Wt.(lbs)	Total Number	Total Wt.(lbs)
1	1	21			1	2						14				1	9			1		8		1			59	1.87	0	0
2																											0	0	0	0
3																											0	0	0	0
4	1	57			1	12		1		1		128				1	15	10		2		12			1		242	5.25	0	0
5																											0	0	0	0
6	1	32				1						19				1	2					1					57	0.76	0	0
7		38				1		1		1		38		1			3	4				4					91	1.55	0	0
8		65							1			26					1					1					94	0.21	0	0
9	2	22	1			1						32			3	1	12					2	1				77	0.99	0	0
10		7						1				38		2	2		25			3		2					80	0.94	0	0
11		2		1		1		2			1	6				1	5				1						22	1.27	0	0
12						15		2				1	1			1	9			1							41	1.36	0	0
13		1		5					2			2					2	2									20	0.13	0	0
14		3				1						1					2	1									8	0.08	0	0
15		6															1										7	0.02	0	0
16												1															1	0.01	0	0
17										1		2															3	0.02	0	0
18						1	1																				2	0.24	0	0
19		1																									1	0.01	0	0
20												1			1												2	0.01	0	0
21						1			1			2								1							5	0.23	0	0
22																									1		1	0.02	0	0
23						1			1												1						3	0.11	0	0
24		1																1		1							3	0.02	0	0
25																											0	0	0	0
26						1																					1	0.13	0	0
27																											0	0	0	0
28																											0	0	0	0
29																											0	0	0	0
30																											0	0	0	0
Total	5	256	1	7	1	38	1	7	5	3	1	311	1	3	6	6	86	18	2	8	1	49	1	1	1	1	820	15.13	0	0

DATA SHEET

E.

LOCATION

PREPARED BY

SUBJECT

November - 1980
 Indian Point Station
 Daily Counts from Intake Screens

Unit #3

Permit No. - NY0027065

Date	2	7	10	13	19	22	30	35	39	45	96	Total Number	Total Wt(lbs)	Site Total
1												0	0	59
2												0	0	0
3												0	0	0
4												0	0	242
5												0	0	0
6												0	0	57
7												0	0	91
8												0	0	94
9												0	0	77
10												0	0	80
11												0	0	22
12												0	0	41
13												0	0	20
14												0	0	8
15												0	0	7
16												0	0	1
17												0	0	3
18												0	0	2
19												0	0	1
20												0	0	2
21												0	0	5
22			5			1						6	0.03	7
23	1	4		2		2	1	12		1		23	0.30	26
24		4	1			6	1	7	1		6	26	0.26	29
25	1	4	4	1	1	3		3				17	1.85	17
26	1	2	1	1		1		6	1		3	16	1.07	17
27		3	1				1	10	1		1	17	0.45	17
28	1			1				2			2	6	0.18	6
29	1									1	1	3	0.02	3
30						1			1			2	0.01	2
Total	5	22	7	5	1	14	3	40	4	1	14	116	4.17	936