

Black-necked Stilt

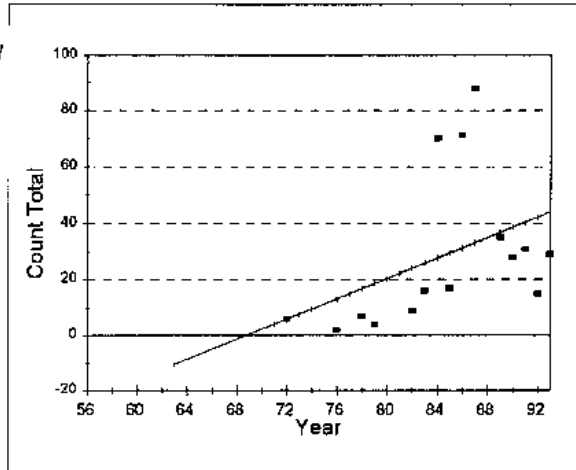
ANWR+CCW

1 outliers removed

Trend Slope as % of Avg = 6.37%

Regression Statistics

Multiple R	0.42
R Square	0.17
Adjusted R Square	0.11
Standard Error	25.51
Observations	15.00

**Analysis of Variance**

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	1780.37	1780.37	2.74	0.12
Residual	13.00	8459.37	650.72		
Total	14.00	10239.73			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-124.88	92.98	-1.34	0.20	-325.74	75.99
x1	1.82	1.10	1.65	0.12	-0.56	4.19

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	13.16	-11.16	-0.44	3.33	2
2	18.60	-14.60	-0.57	10.00	4
3	5.89	0.11	0.00	16.67	6
4	16.79	-9.79	-0.38	23.33	7
5	24.05	-15.05	-0.59	30.00	9
6	42.22	-27.22	-1.07	36.67	15
7	25.87	-9.87	-0.39	43.33	16
8	29.50	-12.50	-0.49	50.00	17
9	38.58	-10.58	-0.41	56.67	28
10	44.03	-15.03	-0.59	63.33	29
11	40.40	-9.40	-0.37	70.00	31
12	36.77	-1.77	-0.07	76.67	35
13	27.69	42.31	1.66	83.33	70
14	31.32	39.68	1.56	90.00	71
15	33.13	54.87	2.15	96.67	88

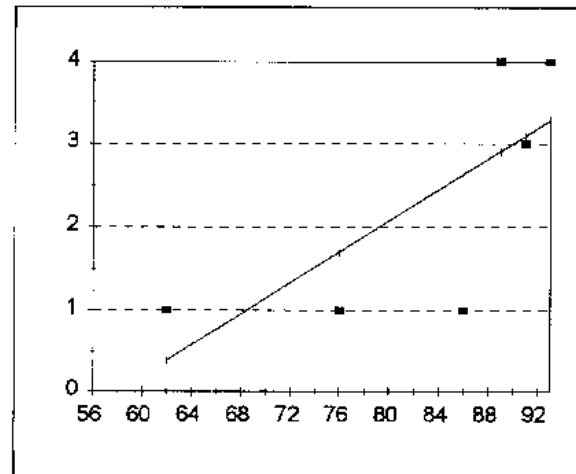
Black-necked Stilt

ANVVR

Trend Slope as % of Avg = 4.01%

Regression Statistics

Multiple R	0.73
R Square	0.54
Adjusted R Square	0.42
Standard Error	1.14
Observations	6.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	6.11	6.11	4.68	0.10
Residual	4.00	5.23	1.31		
Total	5.00	11.33			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-5.41	3.61	-1.50	0.19	-15.44	4.62
x1	0.09	0.04	2.16	0.08	-0.03	0.21

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	0.39	0.61	0.54	8.33	1
2	1.69	-0.69	-0.61	25.00	1
3	2.63	-1.63	-1.43	41.67	1
4	2.91	1.09	0.95	58.33	3
5	3.10	-0.10	-0.08	75.00	4
6	3.28	0.72	0.63	91.67	4

Black-necked Stilt

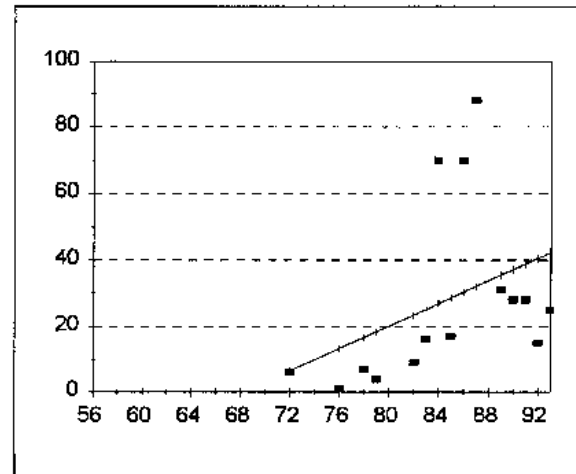
1 outlier removed

Trend Slope as % of Avg = 6.13%

Regression Statistics

Multiple R	0.39
R Square	0.15
Adjusted R Square	0.09
Standard Error	25.75
Observations	15.00

CCW



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>		
Regression	1.00	1552.31	1552.31	2.34	0.15		
Residual	13.00	8617.02	662.85				
Total	14.00	10169.33					

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-115.58	93.84	-1.23	0.24	-318.31	87.15
x1	1.70	1.11	1.53	0.15	-0.70	4.09

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	13.31	-12.31	-0.48	3.33	1
2	18.40	-14.40	-0.56	10.00	4
3	6.52	-0.52	-0.02	16.67	6
4	16.70	-9.70	-0.38	23.33	7
5	23.48	-14.48	-0.56	30.00	9
6	40.44	-25.44	-0.99	36.67	15
7	25.18	-9.18	-0.36	43.33	16
8	28.57	-11.57	-0.45	50.00	17
9	42.14	-17.14	-0.67	56.67	25
10	37.05	-9.05	-0.35	63.33	28
11	38.75	-10.75	-0.42	70.00	28
12	35.35	-4.35	-0.17	76.67	31
13	30.27	39.73	1.54	83.33	70
14	26.88	43.12	1.68	90.00	70
15	31.96	56.04	2.18	96.67	88

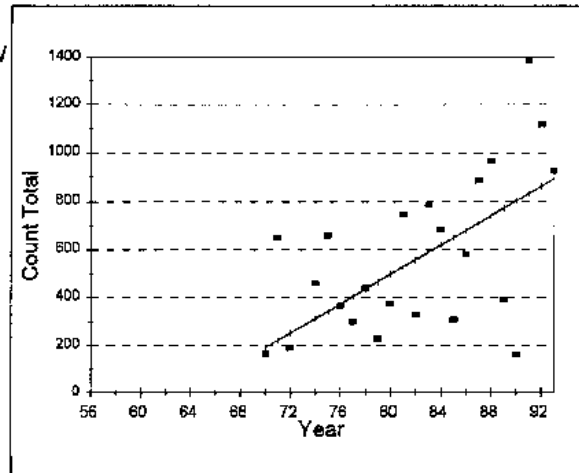
Am. Avocet

ANWR+CCW

Trend Slope as % of Avg = 6.63%

Regression Statistics

Multiple R 0.73
 R Square 0.54
 Adjusted R Square 0.52
 Standard Error 252.36
 Observations 29.00

**Analysis of Variance**

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	1978324.25	1978324.25	31.06	0.00
Residual	27.00	1719466.71	63683.95		
Total	28.00	3697790.97			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-1953.40	435.90	-4.48	0.00	-2847.79	-1059.01
x1	30.62	5.49	5.57	0.00	19.34	41.89

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	5.97	3.03	0.01	1.72	9
2	159.05	-148.05	-0.59	5.17	11
3	36.59	0.41	0.00	6.62	37
4	67.20	-27.20	-0.11	12.07	40
5	128.43	-73.43	-0.29	15.52	55
6	281.51	-139.51	-0.55	18.97	142
7	801.97	-641.97	-2.54	22.41	160
8	189.67	-26.67	-0.11	25.86	163
9	250.90	-62.90	-0.25	29.31	188
10	465.20	-236.20	-0.94	32.76	229
11	403.97	-103.97	-0.41	36.21	300
12	648.89	-340.89	-1.35	39.66	308
13	557.05	-227.05	-0.90	43.10	330
14	373.36	-7.36	-0.03	46.55	366
15	495.82	-118.82	-0.47	50.00	377
16	771.35	-379.35	-1.50	53.45	392
17	434.59	5.41	0.02	56.90	440
18	312.13	145.87	0.58	60.34	458
19	679.51	-97.51	-0.39	63.79	582
20	220.28	428.72	1.70	67.24	649
21	342.74	315.26	1.25	70.69	658
22	618.28	66.72	0.26	74.14	685
23	526.43	218.57	0.87	77.59	745
24	587.66	199.34	0.79	81.03	787
25	710.12	177.88	0.70	84.48	888
26	893.81	33.19	0.13	87.93	927
27	740.74	226.26	0.90	91.38	967
28	863.20	255.80	1.01	94.83	1119
29	832.58	554.42	2.20	98.28	1387

Am. Avocet

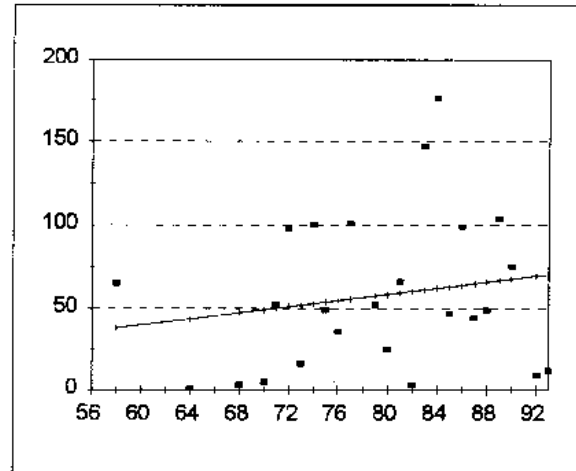
ANWR

1 outlier removed

Trend Slope as % of Avg = 1.59%

Regression Statistics

Multiple R	0.18
R Square	0.03
Adjusted R Square	-0.01
Standard Error	46.69
Observations	25.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	1623.01	1623.01	0.74	0.40
Residual	23.00	50136.75	2179.86		
Total	24.00	51759.76			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-14.94	84.31	-0.18	0.86	-189.34	159.46
x1	0.91	1.06	0.86	0.40	-1.28	3.11

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	38.09	26.91	0.58	2.00	1
2	43.57	-42.57	-0.91	6.00	3
3	47.23	-44.23	-0.95	10.00	3
4	49.06	-44.06	-0.94	14.00	5
5	49.97	2.03	0.04	18.00	9
6	50.89	47.11	1.01	22.00	12
7	51.80	-35.80	-0.77	26.00	16
8	52.72	47.28	1.01	30.00	25
9	53.63	-4.63	-0.10	34.00	36
10	54.54	-18.54	-0.40	38.00	44
11	55.46	45.54	0.98	42.00	47
12	57.29	-5.29	-0.11	46.00	49
13	58.20	-33.20	-0.71	50.00	49
14	59.12	6.88	0.15	54.00	52
15	60.03	-57.03	-1.22	58.00	52
16	60.94	86.06	1.84	62.00	65
17	61.86	114.14	2.44	66.00	66
18	62.77	-15.77	-0.34	70.00	75
19	63.69	35.31	0.76	74.00	98
20	64.60	-20.60	-0.44	78.00	99
21	65.51	-16.51	-0.35	82.00	100
22	66.43	37.57	0.80	86.00	101
23	67.34	7.66	0.16	90.00	104
24	69.17	-60.17	-1.29	94.00	147
25	70.09	-58.09	-1.24	98.00	176

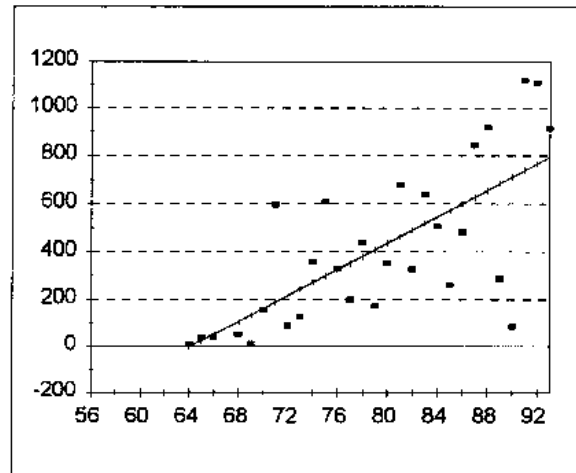
Am. Avocet

CCW

Trend Slope as % of Avg = 6.77%

Regression Statistics

Multiple R	0.71
R Square	0.51
Adjusted R Square	0.49
Standard Error	239.60
Observations	29.00

**Analysis of Variance**

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	1593289.70	1593289.70	27.75	0.00
Residual	27.00	1549995.13	57407.23		
Total	28.00	3143284.83			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-1762.05	413.86	-4.26	0.00	-2611.22	-912.88
x1	27.47	5.22	5.27	0.00	16.77	38.18

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	-3.66	11.66	0.05	1.72	8
2	133.71	-122.71	-0.51	5.17	11
3	23.82	13.18	0.06	8.62	37
4	51.29	-11.29	-0.05	12.07	40
5	106.24	-54.24	-0.23	15.52	52
6	710.69	-625.69	-2.61	18.97	85
7	216.14	-126.14	-0.53	22.41	90
8	243.61	-117.61	-0.49	25.86	126
9	161.19	-3.19	-0.01	29.31	158
10	408.46	-231.46	-0.97	32.76	177
11	353.51	-154.51	-0.64	36.21	199
12	573.31	-312.31	-1.30	39.66	261
13	683.21	-395.21	-1.65	43.10	288
14	490.89	-163.89	-0.68	46.55	327
15	326.04	3.96	0.02	50.00	330
16	435.94	-83.94	-0.35	53.45	352
17	271.09	86.91	0.36	56.90	358
18	380.99	59.01	0.25	60.34	440
19	600.79	-117.79	-0.49	63.79	483
20	545.84	-36.84	-0.15	67.24	509
21	188.66	408.34	1.70	70.69	597
22	298.56	310.44	1.30	74.14	609
23	518.36	121.64	0.51	77.59	640
24	463.41	215.59	0.90	81.03	679
25	628.26	215.74	0.90	84.48	844
26	793.11	121.89	0.51	87.93	915
27	655.74	262.26	1.09	91.38	918
28	765.64	344.36	1.44	94.83	1110
29	738.16	381.84	1.59	98.28	1120

yellowlegs sp.

Data Corrected:
Count/(Party Hours)^B
where B = .73

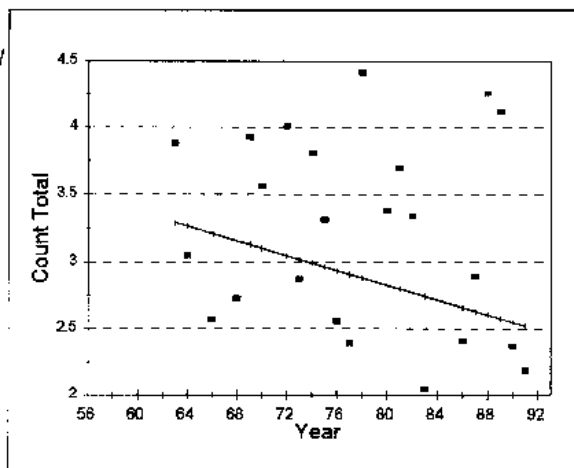
ANWR+CCW

3 outliers removed

Trend Slope as % of Avg = -0.96%

Regression Statistics

Multiple R	0.25
R Square	0.06
Adjusted R Square	0.03
Standard Error	0.98
Observations	28.00

**Analysis of Variance**

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	1.68	1.68	1.74	0.20
Residual	26.00	25.23	0.97		
Total	27.00	26.91			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	5.03	1.65	3.05	0.01	1.64	8.43
x1	-0.03	0.02	-1.32	0.20	-0.07	0.02

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	3.19	-2.26	-2.30	1.79	1
2	2.69	-1.68	-1.70	5.36	1
3	2.50	-1.39	-1.41	8.93	1
4	2.85	-1.17	-1.19	12.50	2
5	2.47	-0.64	-0.65	16.07	2
6	2.74	-0.70	-0.71	19.64	2
7	2.52	-0.34	-0.34	23.21	2
8	2.55	-0.18	-0.19	26.79	2
9	2.91	-0.52	-0.52	30.36	2
10	2.66	-0.26	-0.26	33.93	2
11	2.94	-0.38	-0.39	37.50	3
12	3.21	-0.64	-0.65	41.07	3
13	3.16	-0.43	-0.44	44.64	3
14	3.02	-0.15	-0.15	48.21	3
15	2.63	0.26	0.26	51.79	3
16	3.27	-0.22	-0.22	55.36	3
17	2.96	0.35	0.35	58.93	3
18	2.77	0.57	0.58	62.50	3
19	2.83	0.55	0.56	66.07	3
20	3.10	0.46	0.46	69.64	4
21	2.80	0.90	0.91	73.21	4
22	2.99	0.81	0.82	76.79	4
23	3.30	0.58	0.59	80.36	4
24	3.13	0.79	0.80	83.93	4
25	3.05	0.96	0.97	87.50	4
26	2.58	1.54	1.56	91.07	4
27	2.61	1.65	1.67	94.64	4
28	2.88	1.53	1.56	98.21	4

yellowlegs sp.

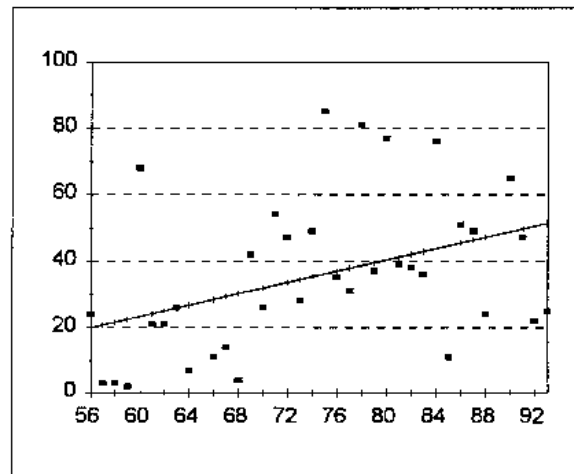
ANWR

2 outliers removed

Trend Slope as % of Avg = 2.40%

Regression Statistics

Multiple R	0.40
R Square	0.16
Adjusted R Square	0.14
Standard Error	21.65
Observations	36.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	3090.79	3090.79	6.60	0.01
Residual	34.00	15930.18	468.53		
Total	35.00	19020.97			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-27.75	24.90	-1.11	0.27	-78.35	22.85
x1	0.85	0.33	2.57	0.01	0.18	1.52

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	22.46	-20.46	-0.95	1.39	2
2	21.61	-18.61	-0.86	4.17	3
3	20.75	-17.75	-0.82	6.94	3
4	30.11	-26.11	-1.21	9.72	4
5	26.71	-19.71	-0.91	12.50	7
6	28.41	-17.41	-0.80	15.28	11
7	44.58	-33.58	-1.55	18.06	11
8	29.26	-15.26	-0.71	20.83	14
9	25.01	-4.01	-0.19	23.61	21
10	24.16	-3.16	-0.15	26.39	21
11	50.54	-28.54	-1.32	29.17	22
12	19.90	4.10	0.19	31.94	24
13	47.13	-23.13	-1.07	34.72	24
14	51.39	-26.39	-1.22	37.50	25
15	25.86	0.14	0.01	40.28	26
16	31.82	-5.82	-0.27	43.06	26
17	34.37	-6.37	-0.29	45.83	28
18	37.77	-6.77	-0.31	48.61	31
19	36.92	-1.92	-0.09	51.39	35
20	42.88	-6.88	-0.32	54.17	36
21	39.48	-2.48	-0.11	56.94	37
22	42.03	-4.03	-0.19	59.72	38
23	41.18	-2.18	-0.10	62.50	39
24	30.97	11.03	0.51	65.28	42
25	33.52	13.48	0.62	68.06	47
26	49.69	-2.69	-0.12	70.83	47
27	46.28	2.72	0.13	73.61	49
28	35.22	13.78	0.64	76.39	49
29	45.43	5.57	0.26	79.17	51
30	32.67	21.33	0.99	81.94	54
31	48.84	16.16	0.75	84.72	65
32	23.31	44.69	2.06	87.50	68
33	43.73	32.27	1.49	90.28	76
34	40.33	36.67	1.69	93.06	77
35	38.62	42.38	1.96	95.83	81
36	36.07	48.93	2.26	98.61	85

yellowlegs sp.

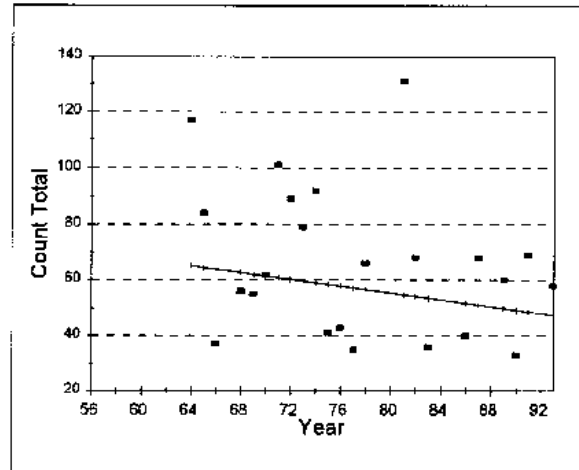
CCW

2 outliers removed

Trend Slope as % of Avg = -1.07%

Regression Statistics

Multiple R	0.18
R Square	0.03
Adjusted R Square	-0.00
Standard Error	30.04
Observations	29.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	859.97	859.97	0.95	0.34
Residual	27.00	24363.89	902.37		
Total	28.00	25223.86			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	103.93	48.47	2.14	0.04	4.49	203.38
x1	-0.61	0.62	-0.98	0.34	-1.88	0.67

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	63.27	-53.27	-1.77	1.72	10
2	48.10	-26.10	-0.87	5.17	22
3	52.35	-29.35	-0.98	8.62	23
4	55.99	-31.99	-1.06	12.07	24
5	55.38	-29.38	-0.98	15.52	26
6	65.70	-39.70	-1.32	18.97	26
7	49.31	-16.31	-0.54	22.41	33
8	57.20	-22.20	-0.74	25.86	35
9	53.56	-17.56	-0.58	29.31	36
10	63.88	-26.88	-0.89	32.76	37
11	51.74	-11.74	-0.39	36.21	40
12	58.42	-17.42	-0.58	39.66	41
13	57.81	-14.81	-0.49	43.10	43
14	62.06	-7.06	-0.23	46.55	55
15	62.66	-6.66	-0.22	50.00	56
16	47.49	10.51	0.35	53.45	58
17	49.92	10.08	0.34	56.90	60
18	61.45	0.55	0.02	60.34	62
19	56.60	9.40	0.31	63.79	66
20	54.17	13.83	0.46	67.24	68
21	51.13	16.87	0.56	70.69	68
22	48.71	20.29	0.68	74.14	69
23	59.63	19.37	0.64	77.59	79
24	64.49	19.51	0.65	81.03	84
25	60.24	28.76	0.96	84.48	89
26	59.02	32.98	1.10	87.93	92
27	60.84	40.16	1.34	91.38	101
28	65.09	51.91	1.73	94.83	117
29	54.78	76.22	2.54	98.28	131

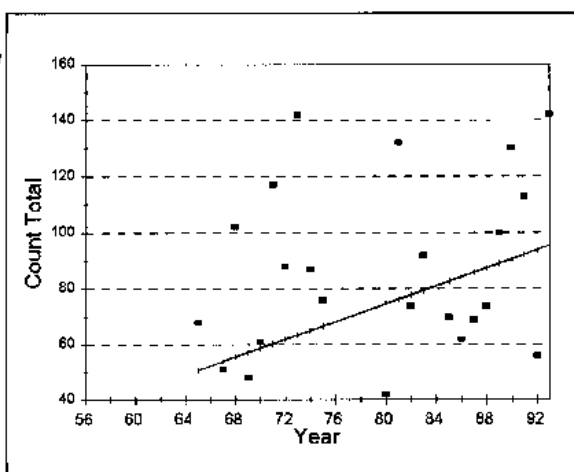
Willet

ANWR+CCW

Trend Slope as % of Avg = 2.23%

Regression Statistics

Multiple R	0.39
R Square	0.15
Adjusted R Square	0.12
Standard Error	35.26
Observations	31.00

**Analysis of Variance**

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>	
Regression	1.00	6300.89	6300.89	5.07	0.03	
Residual	29.00	36050.79	1243.13			
Total	30.00	42351.68				

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-52.88	55.59	-0.95	0.35	-166.56	60.81
x1	1.59	0.71	2.25	0.03	0.15	3.04

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	49.14	-42.14	-1.20	1.61	7
2	52.32	-38.32	-1.09	4.84	14
3	69.86	-47.86	-1.36	8.06	22
4	81.02	-49.02	-1.39	11.29	32
5	68.26	-33.26	-0.84	14.52	35
6	47.54	-12.54	-0.36	17.74	35
7	73.05	-37.05	-1.05	20.97	36
8	71.45	-33.45	-0.95	24.19	38
9	74.64	-32.64	-0.93	27.42	42
10	57.11	-9.11	-0.26	30.65	48
11	53.92	-2.92	-0.08	33.87	51
12	93.77	-37.77	-1.07	37.10	56
13	58.70	2.30	0.07	40.32	61
14	84.20	-22.20	-0.63	43.55	62
15	50.73	17.27	0.49	46.77	68
16	85.80	-16.80	-0.48	50.00	69
17	82.61	-12.61	-0.36	53.23	70
18	77.83	-3.83	-0.11	56.45	74
19	87.39	-13.39	-0.38	59.68	74
20	66.67	9.33	0.26	62.90	76
21	65.08	21.92	0.62	66.13	87
22	61.89	26.11	0.74	69.35	88
23	79.42	12.58	0.36	72.58	92
24	88.99	11.01	0.31	75.81	100
25	55.51	46.49	1.32	79.03	102
26	92.17	20.83	0.59	82.26	113
27	60.29	56.71	1.61	85.48	117
28	90.58	39.42	1.12	88.71	130
29	76.23	55.77	1.58	91.94	132
30	95.36	46.64	1.32	95.16	142
31	63.48	78.52	2.23	98.39	142

Willet

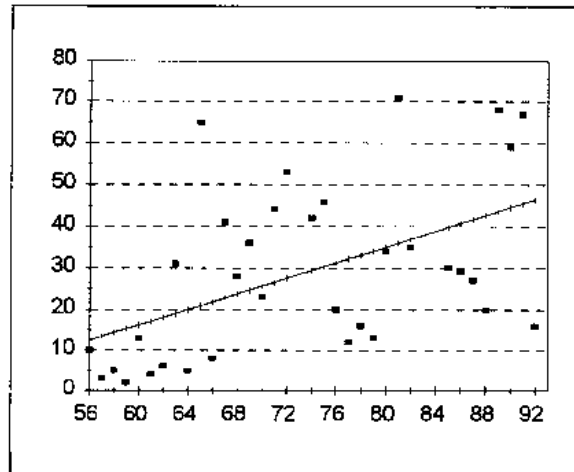
ANWR

3 outliers removed

Trend Slope as % of Avg = 3.27%

Regression Statistics

Multiple R	0.50
R Square	0.25
Adjusted R Square	0.23
Standard Error	18.30
Observations	34.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	3586.05	3586.05	10.71	0.00
Residual	32.00	10711.48	334.73		
Total	33.00	14297.53			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-40.45	21.41	-1.89	0.07	-84.07	3.17
x1	0.94	0.29	3.27	0.00	0.36	1.53

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	12.39	-2.39	-0.13	1.47	2
2	13.34	-10.34	-0.57	4.41	3
3	14.28	-9.28	-0.51	7.35	4
4	15.23	-13.23	-0.72	10.29	5
5	16.17	-3.17	-0.17	13.24	5
6	17.11	-13.11	-0.72	16.18	6
7	18.06	-12.06	-0.66	19.12	8
8	19.00	12.00	0.66	22.06	10
9	19.94	-14.94	-0.82	25.00	12
10	20.89	44.11	2.41	27.94	13
11	21.83	-13.83	-0.76	30.88	13
12	22.78	18.22	1.00	33.82	16
13	23.72	4.28	0.23	36.76	16
14	24.66	11.34	0.62	39.71	20
15	25.61	-2.61	-0.14	42.65	20
16	26.55	17.45	0.95	45.59	23
17	27.49	25.51	1.39	48.53	27
18	29.38	12.62	0.69	51.47	28
19	30.33	15.67	0.86	54.41	29
20	31.27	-11.27	-0.62	57.35	30
21	32.21	-20.21	-1.10	60.29	31
22	33.16	-17.16	-0.94	63.24	34
23	34.10	-21.10	-1.15	66.18	35
24	35.04	-1.04	-0.06	69.12	36
25	35.99	35.01	1.91	72.06	41
26	36.93	-1.93	-0.11	75.00	42
27	39.76	-9.76	-0.53	77.94	44
28	40.71	-11.71	-0.64	80.88	46
29	41.65	-14.65	-0.80	83.82	53
30	42.59	-22.59	-1.23	86.76	59
31	43.54	24.46	1.34	89.71	65
32	44.48	14.52	0.79	92.65	67
33	45.43	21.57	1.18	95.59	68
34	46.37	-30.37	-1.66	98.53	71

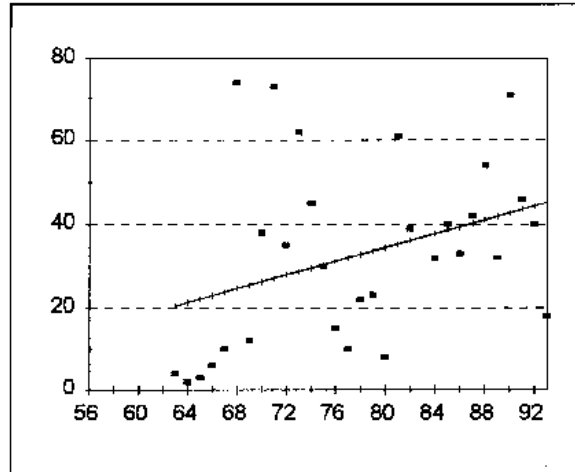
Willet

CCW

Trend Slope as % of Avg = 2.53%

Regression Statistics

Multiple R	0.35
R Square	0.12
Adjusted R Square	0.09
Standard Error	20.71
Observations	30.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	1671.43	1671.43	3.90	0.06
Residual	28.00	12009.23	428.90		
Total	29.00	13680.67			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-31.57	32.76	-0.96	0.34	-98.67	35.53
x1	0.83	0.42	1.97	0.06	-0.03	1.68

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	21.25	-19.25	-0.93	1.67	2
2	22.08	-19.08	-0.92	5.00	3
3	20.43	-16.43	-0.79	8.33	4
4	22.90	-16.90	-0.82	11.67	6
5	34.45	-26.45	-1.28	15.00	8
6	31.98	-21.98	-1.06	18.33	10
7	23.73	-13.73	-0.66	21.67	10
8	25.38	-13.38	-0.65	25.00	12
9	31.15	-16.15	-0.78	28.33	15
10	45.18	-27.18	-1.31	31.67	18
11	32.80	-10.80	-0.52	35.00	22
12	33.63	-10.63	-0.51	38.33	23
13	30.33	-0.33	-0.02	41.67	30
14	37.76	-5.76	-0.28	45.00	32
15	41.88	-9.88	-0.48	48.33	32
16	39.41	-6.41	-0.31	51.67	33
17	27.85	7.15	0.35	55.00	35
18	26.20	11.80	0.57	58.33	38
19	36.11	2.89	0.14	61.67	39
20	38.58	1.42	0.07	65.00	40
21	44.36	-4.36	-0.21	68.33	40
22	40.23	1.77	0.09	71.67	42
23	29.50	15.50	0.75	75.00	45
24	43.53	2.47	0.12	78.33	46
25	41.06	12.94	0.62	81.67	54
26	35.28	25.72	1.24	85.00	61
27	28.68	33.32	1.61	88.33	62
28	42.71	28.29	1.37	91.67	71
29	27.03	45.97	2.22	95.00	73
30	24.55	49.45	2.39	98.33	74

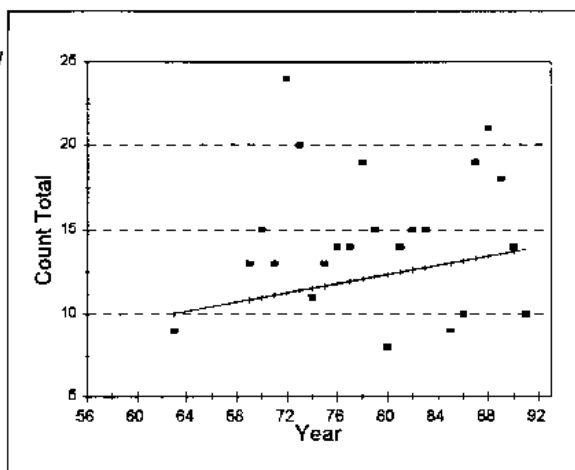
Spotted Sandpiper

ANWR+CCW

Trend Slope as % of Avg = 1.12%

Regression Statistics

Multiple R	0.21
R Square	0.04
Adjusted R Square	0.01
Standard Error	5.70
Observations	30.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	42.23	42.23	1.30	0.26
Residual	28.00	911.23	32.54		
Total	29.00	953.47			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	1.45	9.44	0.15	0.88	-17.88	20.78
x1	0.14	0.12	1.14	0.26	-0.11	0.38

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	10.44	-8.44	-1.48	1.67	2
2	10.30	-8.30	-1.45	5.00	2
3	10.71	-6.71	-1.18	8.33	4
4	13.98	-9.98	-1.75	11.67	4
5	10.57	-6.57	-1.15	15.00	4
6	12.89	-5.89	-1.03	18.33	7
7	14.11	-6.11	-1.07	21.67	8
8	12.34	-4.34	-0.76	25.00	8
9	13.02	-4.02	-0.71	28.33	9
10	10.03	-1.03	-0.18	31.67	9
11	13.84	-3.84	-0.67	35.00	10
12	13.16	-3.16	-0.55	38.33	10
13	11.53	-0.53	-0.09	41.67	11
14	11.66	1.34	0.23	45.00	13
15	10.84	2.16	0.38	48.33	13
16	11.12	1.88	0.33	51.67	13
17	11.80	2.20	0.39	55.00	14
18	11.93	2.07	0.36	58.33	14
19	13.70	0.30	0.05	61.67	14
20	12.48	1.52	0.27	65.00	14
21	10.98	4.02	0.70	68.33	15
22	12.21	2.79	0.49	71.67	15
23	12.61	2.39	0.42	75.00	15
24	12.75	2.25	0.39	78.33	15
25	13.57	4.43	0.78	81.67	18
26	12.07	6.93	1.21	85.00	19
27	13.30	5.70	1.00	88.33	19
28	11.39	8.61	1.51	91.67	20
29	13.43	7.57	1.33	95.00	21
30	11.25	12.75	2.23	98.33	24

Spotted Sandpiper

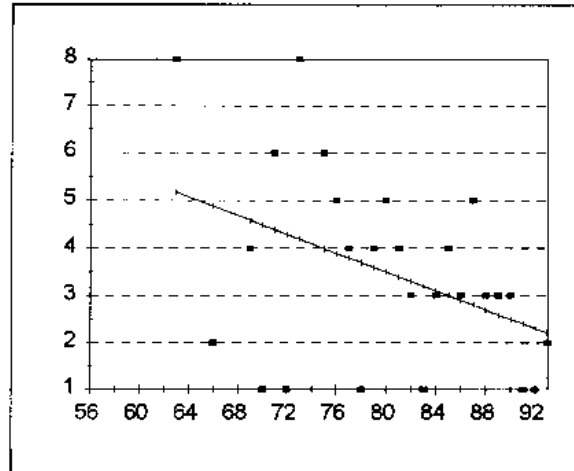
ANWR

1 outlier removed

Trend Slope as % of Avg = -2.83%

Regression Statistics

Multiple R	0.41
R Square	0.17
Adjusted R Square	0.13
Standard Error	1.90
Observations	26.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	17.46	17.46	4.81	0.04
Residual	24.00	87.04	3.63		
Total	25.00	104.50			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	11.44	3.64	3.15	0.00	3.93	18.94
x1	-0.10	0.05	-2.19	0.04	-0.19	-0.01

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	5.19	2.81	1.48	1.92	1
2	4.89	-2.89	-1.52	5.77	1
3	4.59	-0.59	-0.31	9.62	1
4	4.49	-3.49	-1.83	13.46	1
5	4.39	1.61	0.84	17.31	1
6	4.29	-3.29	-1.73	21.15	1
7	4.19	3.81	2.00	25.00	2
8	4.00	2.00	1.05	28.85	2
9	3.90	1.10	0.58	32.69	3
10	3.80	0.20	0.11	36.54	3
11	3.70	-2.70	-1.42	40.38	3
12	3.60	0.40	0.21	44.23	3
13	3.50	1.50	0.79	48.08	3
14	3.40	0.60	0.31	51.92	3
15	3.30	-0.30	-0.16	55.77	4
16	3.20	-2.20	-1.16	59.62	4
17	3.10	-0.10	-0.05	63.46	4
18	3.00	1.00	0.52	67.31	4
19	2.90	0.10	0.05	71.15	4
20	2.81	2.19	1.15	75.00	5
21	2.71	0.29	0.15	78.85	5
22	2.61	0.39	0.21	82.69	5
23	2.51	0.49	0.26	86.54	6
24	2.41	-1.41	-0.74	90.38	6
25	2.31	-1.31	-0.69	94.23	8
26	2.21	-0.21	-0.11	98.08	8

Spotted Sandpiper

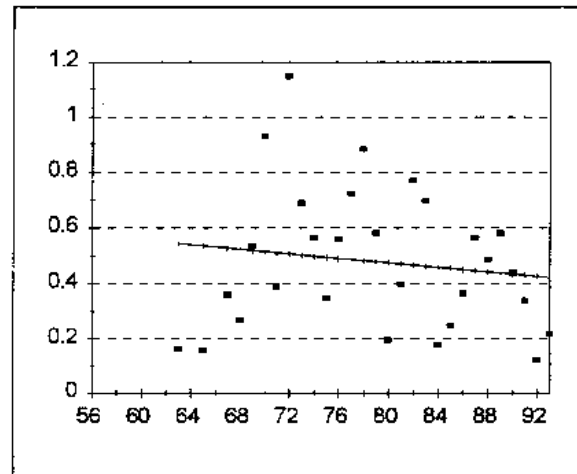
Data Corrected:
Count/(Party Hours^B)
where B = .69

CCW

Trend Slope as % of Avg = -0.91%

Regression Statistics

Multiple R	0.14
R Square	0.02
Adjusted R Square	-0.02
Standard Error	0.26
Observations	29.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	0.04	0.04	0.52	0.48
Residual	27.00	1.81	0.07		
Total	28.00	1.85			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	0.80	0.45	1.79	0.08	-0.12	1.72
x1	-0.00	0.01	-0.72	0.48	-0.02	0.01

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	0.43	-0.30	-1.17	1.72	0
2	0.54	-0.38	-1.46	5.17	0
3	0.54	-0.38	-1.47	8.62	0
4	0.46	-0.28	-1.08	12.07	0
5	0.47	-0.28	-1.08	15.52	0
6	0.42	-0.21	-0.79	18.97	0
7	0.45	-0.21	-0.80	22.41	0
8	0.52	-0.25	-0.98	25.86	0
9	0.43	-0.09	-0.35	29.31	0
10	0.49	-0.15	-0.57	32.76	0
11	0.53	-0.17	-0.65	36.21	0
12	0.45	-0.09	-0.34	39.66	0
13	0.51	-0.12	-0.47	43.10	0
14	0.47	-0.07	-0.29	46.55	0
15	0.43	0.00	0.02	50.00	0
16	0.44	0.05	0.18	53.45	0
17	0.52	0.01	0.06	56.90	1
18	0.49	0.07	0.27	60.34	1
19	0.45	0.12	0.48	63.79	1
20	0.50	0.07	0.25	67.24	1
21	0.48	0.10	0.40	70.69	1
22	0.44	0.14	0.56	74.14	1
23	0.50	0.19	0.71	77.59	1
24	0.46	0.24	0.91	81.03	1
25	0.49	0.24	0.91	84.48	1
26	0.47	0.31	1.18	87.93	1
27	0.48	0.40	1.54	91.38	1
28	0.51	0.41	1.60	94.83	1
29	0.51	0.64	2.47	98.28	1

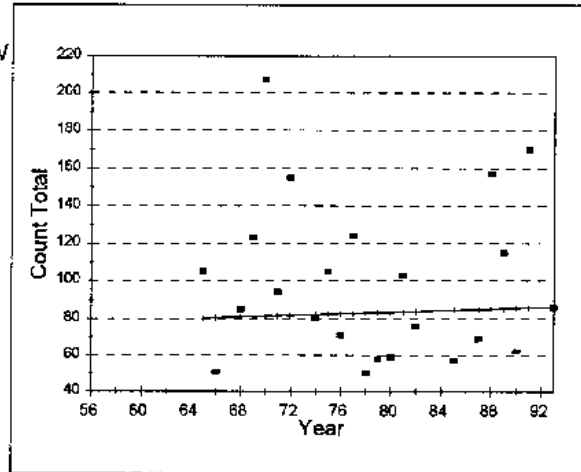
Long-billed Curlew

ANWR+CCW

Trend Slope as % of Avg = 0.26%

Regression Statistics

Multiple R	0.04
R Square	0.00
Adjusted R Square	-0.03
Standard Error	45.58
Observations	31.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	116.71	116.71	0.06	0.81
Residual	29.00	60253.16	2077.70		
Total	30.00	60369.87			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	66.14	71.86	0.92	0.36	-80.83	213.12
x1	0.22	0.92	0.24	0.81	-1.66	2.09

Observations	Predicted Y	Residuals	Stdz'd Residuals	Percentile	y
1	80.68	-64.68	-1.42	1.61	16
2	81.98	-43.98	-0.96	4.84	38
3	86.10	-47.10	-1.03	8.06	39
4	80.03	-40.03	-0.88	11.29	40
5	84.37	-44.37	-0.97	14.52	40
6	84.80	-41.80	-0.92	17.74	43
7	79.81	-31.81	-0.70	20.97	48
8	84.15	-35.15	-0.77	24.19	49
9	83.06	-33.06	-0.73	27.42	50
10	80.46	-29.46	-0.65	30.65	51
11	84.58	-27.58	-0.61	33.87	57
12	83.28	-25.28	-0.55	37.10	58
13	83.50	-24.50	-0.54	40.32	59
14	85.67	-23.67	-0.52	43.55	62
15	85.02	-16.02	-0.35	46.77	69
16	82.63	-11.63	-0.26	50.00	71
17	83.93	-7.93	-0.17	53.23	76
18	82.20	-2.20	-0.05	56.45	80
19	80.90	4.10	0.09	59.68	85
20	86.32	-0.32	-0.01	62.90	86
21	81.55	12.45	0.27	66.13	94
22	83.72	19.28	0.42	69.35	103
23	80.24	24.76	0.54	72.58	105
24	82.41	22.59	0.50	75.81	105
25	85.45	29.55	0.65	79.03	115
26	81.11	41.89	0.92	82.26	123
27	82.85	41.15	0.90	85.48	124
28	81.76	73.24	1.61	88.71	155
29	85.23	71.77	1.57	91.94	157
30	85.88	84.12	1.85	95.16	170
31	81.33	125.67	2.76	98.39	207

Long-billed Curlew

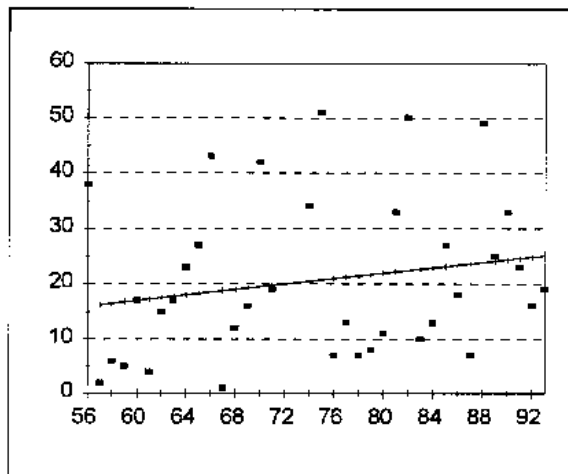
ANWR

1 outlier removed

Trend Slope as % of Avg = 1.20%

Regression Statistics

Multiple R	0.20
R Square	0.04
Adjusted R Square	0.01
Standard Error	14.21
Observations	36.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	276.12	276.12	1.37	0.25
Residual	34.00	6862.63	201.84		
Total	35.00	7138.75			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	2.22	15.87	0.14	0.89	-30.04	34.48
x1	0.25	0.21	1.17	0.25	-0.18	0.67

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	18.71	-17.71	-1.25	1.39	1
2	18.25	-14.25	-1.00	4.17	2
3	17.23	-13.23	-0.93	6.94	4
4	16.74	-11.74	-0.83	9.72	5
5	16.50	-10.50	-0.74	12.50	6
6	23.63	-16.63	-1.17	15.28	7
7	21.42	-14.42	-1.01	18.06	7
8	20.93	-13.93	-0.98	20.83	7
9	21.66	-13.66	-0.96	23.61	8
10	22.65	-12.65	-0.89	26.39	10
11	21.91	-10.91	-0.77	29.17	11
12	18.96	-6.96	-0.49	31.94	12
13	21.17	-8.17	-0.58	34.72	13
14	22.89	-9.89	-0.70	37.50	13
15	17.48	-2.48	-0.17	40.28	15
16	19.20	-3.20	-0.23	43.06	16
17	24.86	-8.86	-0.62	45.83	16
18	17.73	-0.73	-0.05	48.61	17
19	16.99	0.01	0.00	51.39	17
20	23.39	-5.39	-0.38	54.17	18
21	25.11	-6.11	-0.43	56.94	19
22	19.69	-0.69	-0.05	59.72	19
23	17.97	5.03	0.35	62.50	23
24	24.62	-1.62	-0.11	65.28	23
25	24.12	0.88	0.06	68.06	25
26	18.22	8.78	0.62	70.83	27
27	23.14	3.86	0.27	73.61	27
28	24.37	8.63	0.61	76.39	33
29	22.16	10.84	0.76	79.17	33
30	20.43	13.57	0.95	81.94	34
31	16.00	22.00	1.55	84.72	38
32	19.45	22.55	1.59	87.50	42
33	18.46	24.54	1.73	90.28	43
34	23.88	25.12	1.77	93.06	49
35	22.40	27.60	1.94	95.83	50
36	20.68	30.32	2.13	98.61	51

Long-billed Curlew

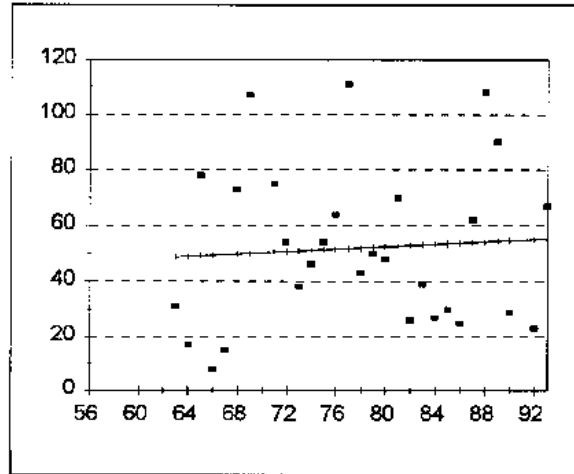
2 outliers removed

Trend Slope as % of Avg = 0.42%

Regression Statistics

Multiple R	0.07
R Square	0.00
Adjusted R Square	-0.03
Standard Error	29.05
Observations	29.00

CCW



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	109.09	109.09	0.13	0.72
Residual	27.00	22780.91	843.74		
Total	28.00	22890.00			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	34.85	48.00	0.73	0.47	-63.65	133.34
x1	0.22	0.61	0.36	0.72	-1.04	1.48

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	49.39	-41.39	-1.43	1.72	8
2	49.61	-34.61	-1.19	5.17	15
3	48.95	-31.95	-1.10	8.62	17
4	55.12	-32.12	-1.11	12.07	23
5	53.80	-28.80	-0.99	15.52	25
6	52.92	-26.92	-0.93	18.97	26
7	53.36	-26.36	-0.91	22.41	27
8	54.68	-25.68	-0.88	25.86	29
9	53.58	-23.58	-0.81	29.31	30
10	48.73	-17.73	-0.61	32.76	31
11	50.94	-12.94	-0.45	36.21	38
12	53.14	-14.14	-0.49	39.66	39
13	52.04	-9.04	-0.31	43.10	43
14	51.16	-5.16	-0.18	46.55	46
15	52.48	-4.48	-0.15	50.00	48
16	52.26	-2.26	-0.08	53.45	50
17	50.72	3.28	0.11	56.90	54
18	51.38	2.62	0.09	60.34	54
19	54.02	7.98	0.27	63.79	62
20	51.60	12.40	0.43	67.24	64
21	55.34	11.66	0.40	70.69	67
22	52.70	17.30	0.60	74.14	70
23	49.83	23.17	0.80	77.59	73
24	50.50	24.50	0.84	81.03	75
25	49.17	28.83	0.99	84.48	78
26	54.46	35.54	1.22	87.93	90
27	50.05	56.95	1.96	91.38	107
28	54.24	53.76	1.85	94.83	108
29	51.82	59.18	2.04	98.28	111

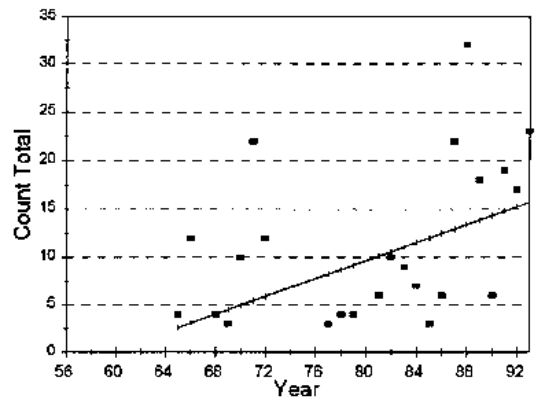
Marbled Godwit

ANWR+CCW

Trend Slope as % of Avg = 5.11%

Regression Statistics

Multiple R	0.49
R Square	0.24
Adjusted R Square	0.21
Standard Error	7.32
Observations	29.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	445.52	445.52	8.32	0.01
Residual	27.00	1446.62	53.58		
Total	28.00	1892.14			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-27.84	12.91	-2.16	0.04	-54.32	-1.36
x1	0.47	0.16	2.88	0.01	0.14	0.80

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	6.83	-5.83	-0.80	1.72	1
2	7.77	-6.77	-0.92	5.17	1
3	9.64	-8.64	-1.18	8.62	1
4	7.30	-5.30	-0.72	12.07	2
5	3.55	-1.55	-0.21	15.52	2
6	6.36	-3.36	-0.46	19.97	3
7	8.24	-5.24	-0.72	22.41	3
8	11.98	-8.98	-1.23	25.86	3
9	4.49	-1.49	-0.20	29.31	3
10	8.70	-4.70	-0.64	32.76	4
11	9.17	-5.17	-0.71	36.21	4
12	2.61	1.39	0.19	39.66	4
13	4.02	-0.02	-0.00	43.10	4
14	10.11	-4.11	-0.56	46.55	6
15	14.33	-8.33	-1.14	50.00	6
16	12.45	-6.45	-0.88	53.45	6
17	11.51	-4.51	-0.62	56.90	7
18	11.05	-2.05	-0.28	60.34	9
19	4.96	5.04	0.69	63.79	10
20	10.58	-0.58	-0.08	67.24	10
21	5.89	6.11	0.83	70.69	12
22	3.08	8.92	1.22	74.14	12
23	15.26	1.74	0.24	77.59	17
24	13.86	4.14	0.57	81.03	18
25	14.79	4.21	0.57	84.48	19
26	5.42	16.58	2.26	87.93	22
27	12.92	9.08	1.24	91.38	22
28	15.73	7.27	0.99	94.83	23
29	13.39	18.61	2.54	98.28	32

Marbled Godwit

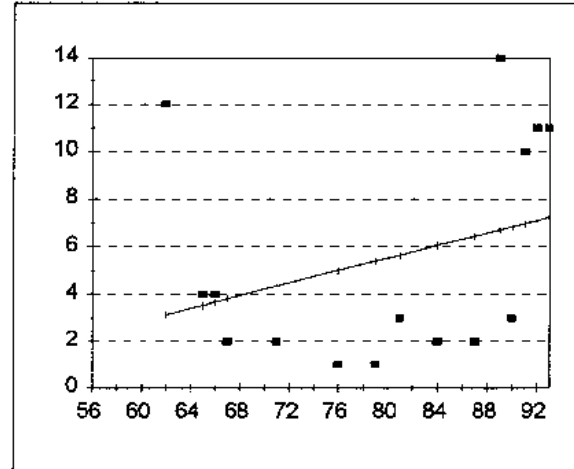
ANWR

1 outlier removed

Trend Slope as % of Avg = 2.42%

Regression Statistics

Multiple R	0.31
R Square	0.10
Adjusted R Square	0.03
Standard Error	4.58
Observations	15.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	29.50	29.50	1.41	0.26
Residual	13.00	272.23	20.94		
Total	14.00	301.73			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-5.04	8.93	-0.56	0.58	-24.34	14.26
x1	0.13	0.11	1.19	0.26	-0.11	0.37

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	3.15	8.85	1.93	3.33	1
2	3.55	0.45	0.10	10.00	1
3	3.68	0.32	0.07	16.67	2
4	3.81	-1.81	-0.40	23.33	2
5	4.34	-2.34	-0.51	30.00	2
6	5.00	-4.00	-0.87	36.67	2
7	5.40	-4.40	-0.96	43.33	3
8	5.66	-2.66	-0.58	50.00	3
9	6.06	-4.06	-0.89	56.67	4
10	6.45	-4.45	-0.97	63.33	4
11	6.72	7.28	1.59	70.00	10
12	6.85	-3.85	-0.84	76.67	11
13	6.98	3.02	0.66	83.33	11
14	7.11	3.89	0.85	90.00	12
15	7.25	3.75	0.82	96.67	14

Marbled Godwit

Data Corrected:
Count/(Party Hours)^B
where B = .90

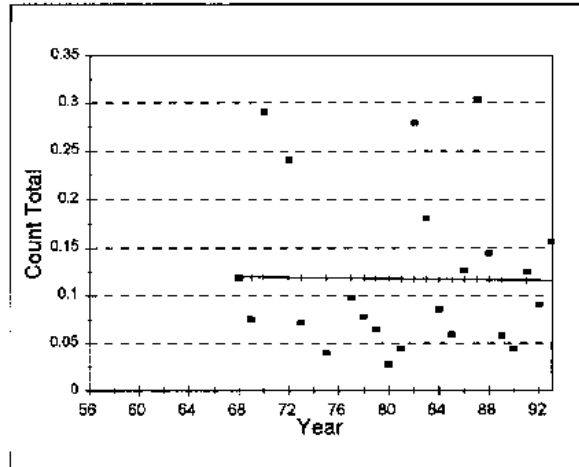
2 outliers removed

Trend Slope as % of Avg = -0.12%

Regression Statistics

Multiple R	0.01
R Square	0.00
Adjusted R Square	-0.05
Standard Error	0.09
Observations	24.00

CCW



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	0.00	0.00	0.00	0.95
Residual	22.00	0.16	0.01		
Total	23.00	0.16			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	0.13	0.19	0.67	0.51	-0.27	0.53
x1	-0.00	0.00	-0.06	0.95	-0.01	0.00

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	0.12	-0.10	-1.14	2.08	0
2	0.12	-0.09	-1.04	6.25	0
3	0.12	-0.08	-0.92	10.42	0
4	0.12	-0.07	-0.85	14.58	0
5	0.12	-0.07	-0.83	18.75	0
6	0.12	-0.06	-0.68	22.92	0
7	0.12	-0.06	-0.67	27.08	0
8	0.12	-0.05	-0.62	31.25	0
9	0.12	-0.05	-0.54	35.42	0
10	0.12	-0.04	-0.51	39.58	0
11	0.12	-0.04	-0.46	43.75	0
12	0.12	-0.03	-0.36	47.92	0
13	0.12	-0.03	-0.29	52.08	0
14	0.12	-0.02	-0.24	56.25	0
15	0.12	-0.00	-0.01	60.42	0
16	0.12	0.01	0.10	64.58	0
17	0.12	0.01	0.11	68.75	0
18	0.12	0.03	0.32	72.92	0
19	0.12	0.04	0.47	77.08	0
20	0.12	0.06	0.73	81.25	0
21	0.12	0.12	1.41	85.42	0
22	0.12	0.16	1.87	89.58	0
23	0.12	0.17	1.99	93.75	0
24	0.12	0.17	1.99	93.75	0

Ruddy Turnstone

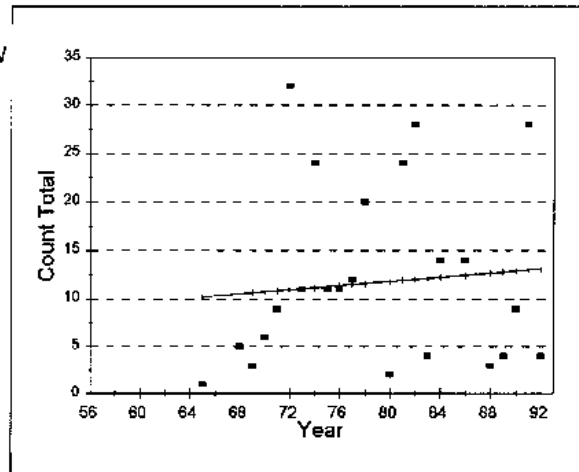
ANWR+CCW

3 outliers removed

Trend Slope as % of Avg = 0.91%

Regression Statistics

Multiple R	0.09
R Square	0.01
Adjusted R Square	-0.04
Standard Error	9.67
Observations	24.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	16.05	16.05	0.17	0.68
Residual	22.00	2055.28	93.42		
Total	23.00	2071.33			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	3.28	20.32	0.16	0.87	-38.86	45.43
x1	0.11	0.26	0.41	0.68	-0.43	0.64

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	11.68	-10.68	-1.10	2.08	1
2	10.19	-9.19	-0.95	6.25	1
3	11.79	-9.79	-1.01	10.42	2
4	10.62	-7.62	-0.79	14.58	3
5	12.64	-9.64	-1.00	18.75	3
6	12.11	-8.11	-0.84	22.92	4
7	12.74	-8.74	-0.90	27.08	4
8	13.06	-9.06	-0.94	31.25	4
9	10.51	-5.51	-0.57	35.42	5
10	10.72	-4.72	-0.49	39.58	6
11	10.83	-1.83	-0.19	43.75	9
12	12.85	-3.85	-0.40	47.92	9
13	11.04	-0.04	-0.00	52.08	11
14	11.25	-0.25	-0.03	56.25	11
15	11.36	-0.36	-0.04	60.42	11
16	11.47	0.53	0.06	64.58	12
17	12.21	1.79	0.19	68.75	14
18	12.42	1.58	0.16	72.92	14
19	11.57	8.43	0.87	77.08	20
20	11.15	12.85	1.33	81.25	24
21	11.89	12.11	1.25	85.42	24
22	12.00	16.00	1.66	89.58	28
23	12.96	15.04	1.56	93.75	28
24	10.94	21.06	2.18	97.92	32

Ruddy Turnstone

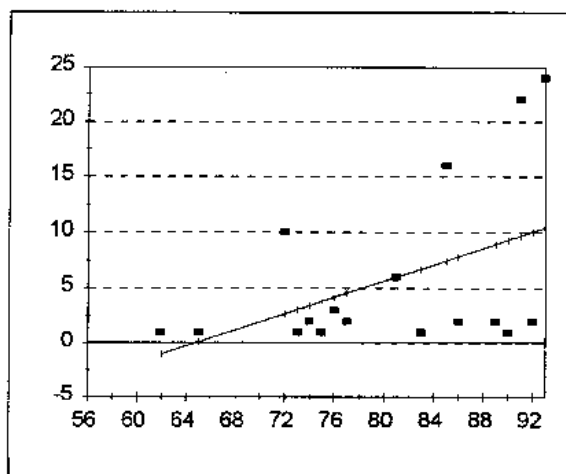
ANWR

1 outlier removed

Trend Slope as % of Avg = 6.47%

Regression Statistics

Multiple R	0.46
R Square	0.21
Adjusted R Square	0.16
Standard Error	7.01
Observations	17.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	195.41	195.41	3.97	0.06
Residual	15.00	738.12	49.21		
Total	16.00	933.53			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-23.92	14.97	-1.60	0.13	-55.82	7.98
x1	0.37	0.19	1.99	0.06	-0.03	0.76

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	-1.03	2.03	0.29	2.94	1
2	0.08	0.92	0.13	8.82	1
3	2.66	7.34	1.05	14.71	1
4	3.03	-2.03	-0.29	20.59	1
5	3.40	-1.40	-0.20	26.47	1
6	3.77	-2.77	-0.40	32.35	1
7	4.14	-1.14	-0.16	38.24	2
8	4.51	-2.51	-0.36	44.12	2
9	5.99	0.01	0.00	50.00	2
10	6.73	-5.73	-0.82	55.88	2
11	7.47	8.53	1.22	61.76	2
12	7.83	-5.83	-0.83	67.65	3
13	8.94	-6.94	-0.99	73.53	6
14	9.31	-8.31	-1.18	79.41	10
15	9.68	12.32	1.76	85.29	16
16	10.05	-8.05	-1.15	91.18	22
17	10.42	13.58	1.94	97.06	24

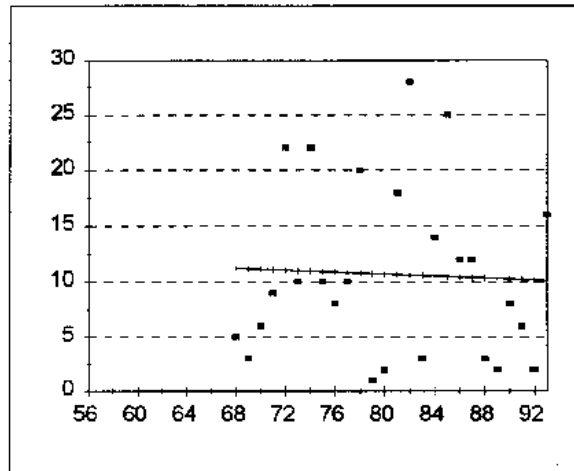
Ruddy Turnstone

Trend Slope as % of Avg = -0.41%

Regression Statistics

Multiple R	0.04
R Square	0.00
Adjusted R Square	-0.04
Standard Error	7.99
Observations	26.00

CCW



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	2.76	2.76	0.04	0.84
Residual	24.00	1533.13	63.88		
Total	25.00	1535.88			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	14.15	16.90	0.84	0.41	-20.72	49.02
x1	-0.04	0.21	-0.21	0.84	-0.47	0.39

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	10.72	-9.72	-1.22	1.92	1
2	10.28	-8.28	-1.04	5.77	2
3	10.15	-8.15	-1.02	9.62	2
4	10.68	-8.68	-1.09	13.46	2
5	11.15	-8.15	-1.02	17.31	3
6	10.55	-7.55	-0.94	21.15	3
7	10.33	-7.33	-0.92	25.00	3
8	11.20	-6.20	-0.78	28.85	5
9	10.20	-4.20	-0.53	32.69	6
10	11.11	-5.11	-0.64	36.54	6
11	10.85	-2.85	-0.36	40.38	8
12	10.24	-2.24	-0.28	44.23	8
13	11.07	-2.07	-0.26	48.08	9
14	10.89	-0.89	-0.11	51.92	10
15	10.98	-0.98	-0.12	55.77	10
16	10.81	-0.81	-0.10	59.62	10
17	10.37	1.63	0.20	63.46	12
18	10.42	1.58	0.20	67.31	12
19	10.50	3.50	0.44	71.15	14
20	10.11	5.89	0.74	75.00	16
21	10.63	7.37	0.92	78.85	18
22	10.76	9.24	1.16	82.69	20
23	10.94	11.06	1.38	86.54	22
24	11.02	10.98	1.37	90.38	22
25	10.46	14.54	1.82	94.23	25
26	10.59	17.41	2.18	98.08	28

Red Knot

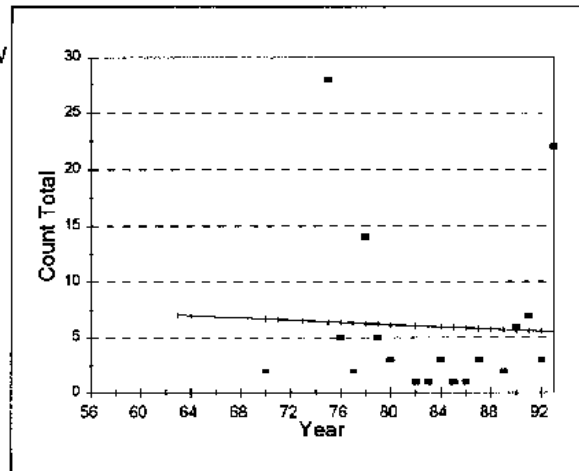
ANWR+CCW

1 outliers removed

Trend Slope as % of Avg = -0.87%

Regression Statistics

Multiple R	0.04
R Square	0.00
Adjusted R Square	-0.06
Standard Error	7.86
Observations	18.00

**Analysis of Variance**

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	2.00	2.00	0.03	0.86
Residual	16.00	988.94	61.81		
Total	17.00	990.94			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	10.41	24.30	0.43	0.67	-41.09	61.92
x1	-0.05	0.29	-0.18	0.86	-0.67	0.57

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	6.12	-5.12	-0.65	2.78	1
2	6.06	-5.06	-0.64	8.33	1
3	5.91	-4.91	-0.62	13.89	1
4	5.96	-4.96	-0.63	19.44	1
5	6.38	-4.38	-0.56	25.00	2
6	5.75	-3.75	-0.48	30.56	2
7	6.75	-4.75	-0.60	36.11	2
8	5.59	-2.59	-0.33	41.67	3
9	6.22	-3.22	-0.41	47.22	3
10	6.01	-3.01	-0.38	52.78	3
11	5.85	-2.85	-0.36	58.33	3
12	6.27	-1.27	-0.16	63.89	5
13	6.43	-1.43	-0.18	69.44	5
14	5.70	0.30	0.04	75.00	6
15	5.65	1.35	0.17	80.56	7
16	6.33	7.67	0.98	86.11	14
17	5.54	16.46	2.09	91.67	22
18	6.48	21.52	2.74	97.22	28

Red Knot

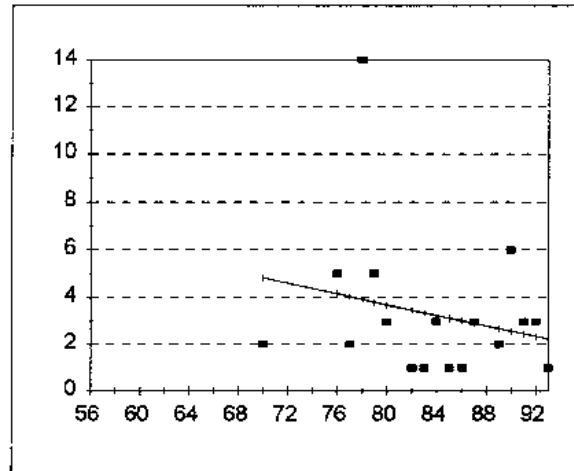
2 outliers removed

Trend Slope as % of Avg = -3.43%

Regression Statistics

Multiple R	0.23
R Square	0.05
Adjusted R Square	-0.01
Standard Error	3.17
Observations	17.00

CCW



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	8.38	8.38	0.83	0.38
Residual	15.00	151.15	10.08		
Total	16.00	159.53			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	12.73	10.38	1.23	0.24	-9.39	34.86
x1	-0.11	0.12	-0.91	0.38	-0.38	0.15

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	2.24	-1.24	-0.39	2.94	1
2	3.14	-2.14	-0.67	8.82	1
3	3.48	-2.48	-0.78	14.71	1
4	3.37	-2.37	-0.75	20.59	1
5	3.03	-2.03	-0.64	26.47	1
6	4.04	-2.04	-0.64	32.35	2
7	2.69	-0.69	-0.22	38.24	2
8	4.83	-2.83	-0.89	44.12	2
9	3.25	-0.25	-0.08	50.00	3
10	2.46	0.54	0.17	55.88	3
11	2.35	0.65	0.20	61.76	3
12	2.92	0.08	0.03	67.65	3
13	3.71	-0.71	-0.22	73.53	3
14	4.16	0.84	0.27	79.41	5
15	3.82	1.18	0.37	85.29	5
16	2.58	3.42	1.08	91.18	6
17	3.93	10.07	3.17	97.06	14

Sanderling

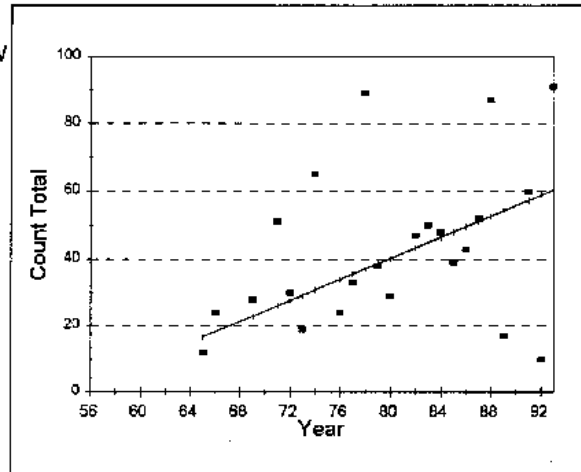
ANWR+CCW

3 outliers removed

Trend Slope as % of Avg = 4.20%

Regression Statistics

Multiple R	0.55
R Square	0.30
Adjusted R Square	0.27
Standard Error	21.83
Observations	27.00

**Analysis of Variance**

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	5132.30	5132.30	10.77	0.00
Residual	25.00	11910.89	476.44		
Total	26.00	17043.19			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-85.07	37.51	-2.27	0.03	-162.31	-7.82
x1	1.57	0.48	3.28	0.00	0.58	2.55

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	15.16	-14.16	-0.65	1.85	1
2	19.86	-16.86	-0.77	5.56	3
3	24.56	-16.56	-0.76	9.26	8
4	21.42	-13.42	-0.62	12.96	8
5	59.01	-49.01	-2.25	16.67	10
6	16.73	-4.73	-0.22	20.37	12
7	54.31	-37.31	-1.71	24.07	17
8	29.25	-10.25	-0.47	27.78	19
9	18.29	5.71	0.26	31.48	24
10	33.95	-9.95	-0.46	35.19	24
11	22.99	5.01	0.23	38.89	28
12	40.22	-11.22	-0.51	42.59	29
13	27.69	2.31	0.11	46.30	30
14	35.52	-2.52	-0.12	50.00	33
15	38.65	-0.65	-0.03	53.70	38
16	48.05	-9.05	-0.41	57.41	39
17	49.61	-6.61	-0.30	61.11	43
18	43.35	3.65	0.17	64.81	47
19	46.48	1.52	0.07	68.52	48
20	44.92	5.08	0.23	72.22	50
21	26.12	24.88	1.14	75.93	51
22	51.18	0.82	0.04	79.63	52
23	57.44	2.56	0.12	83.33	60
24	30.82	34.18	1.57	87.04	65
25	52.75	34.25	1.57	90.74	87
26	37.09	51.91	2.38	94.44	89
27	60.58	30.42	1.39	98.15	91

Sanderling

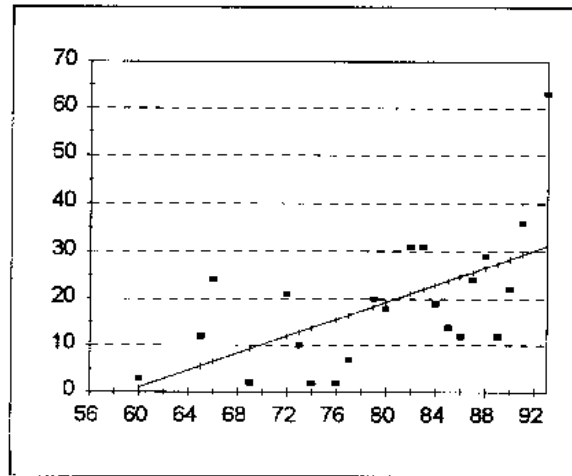
ANWR

2 outliers removed

Trend Slope as % of Avg = 4.84%

Regression Statistics

Multiple R	0.59
R Square	0.35
Adjusted R Square	0.32
Standard Error	11.65
Observations	22.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	1480.75	1480.75	10.90	0.00
Residual	20.00	2716.52	135.83		
Total	21.00	4197.27			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-53.58	22.07	-2.43	0.02	-99.61	-7.55
x1	0.91	0.28	3.30	0.00	0.34	1.49

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	1.06	1.94	0.17	2.27	2
2	5.61	6.39	0.55	6.82	2
3	6.52	17.48	1.50	11.36	2
4	9.26	-7.26	-0.62	15.91	3
5	11.99	9.01	0.77	20.45	7
6	12.90	-2.90	-0.25	25.00	10
7	13.81	-11.81	-1.01	29.55	12
8	15.63	-13.63	-1.17	34.09	12
9	16.54	-9.54	-0.82	38.64	12
10	18.36	1.64	0.14	43.18	14
11	19.27	-1.27	-0.11	47.73	18
12	21.09	9.91	0.85	52.27	19
13	22.01	8.99	0.77	56.82	20
14	22.92	-3.92	-0.34	61.36	21
15	23.83	-9.83	-0.84	65.91	22
16	24.74	-12.74	-1.09	70.45	24
17	25.65	-1.65	-0.14	75.00	24
18	26.56	2.44	0.21	79.55	29
19	27.47	-15.47	-1.33	84.09	31
20	28.38	-6.38	-0.55	88.64	31
21	29.29	6.71	0.58	93.18	36
22	31.11	31.89	2.74	97.73	63

Sanderling

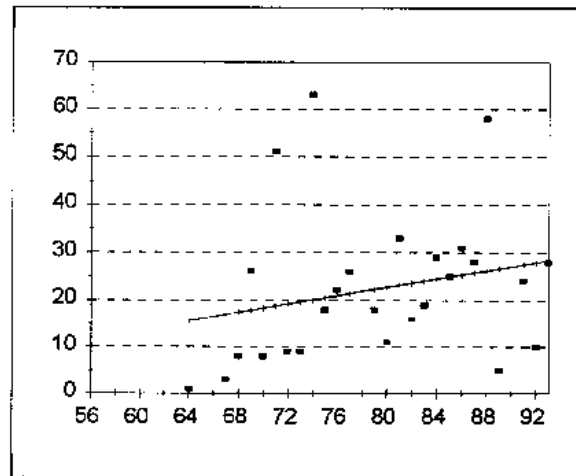
CCW

2 outliers removed

Trend Slope as % of Avg = 1.96%

Regression Statistics

Multiple R	0.23
R Square	0.05
Adjusted R Square	0.01
Standard Error	15.82
Observations	26.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	338.40	338.40	1.35	0.26
Residual	24.00	6008.71	250.36		
Total	25.00	6347.12			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-12.33	29.92	-0.41	0.68	-74.08	49.42
x1	0.44	0.38	1.16	0.26	-0.34	1.21

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	15.67	-14.67	-0.93	1.92	1
2	16.99	-13.99	-0.88	5.77	3
3	26.61	-21.61	-1.37	9.62	5
4	18.30	-10.30	-0.65	13.46	8
5	17.42	-9.42	-0.60	17.31	8
6	19.17	-10.17	-0.64	21.15	9
7	19.61	-10.61	-0.67	25.00	9
8	27.92	-17.92	-1.13	28.85	10
9	22.67	-11.67	-0.74	32.69	11
10	23.55	-7.55	-0.48	36.54	16
11	22.24	-4.24	-0.27	40.38	18
12	20.49	-2.49	-0.16	44.23	18
13	23.99	-4.99	-0.32	48.08	19
14	20.92	1.08	0.07	51.92	22
15	27.49	-3.49	-0.22	55.77	24
16	24.86	0.14	0.01	59.62	25
17	17.86	8.14	0.51	63.46	26
18	21.36	4.64	0.29	67.31	26
19	25.74	2.26	0.14	71.15	28
20	28.36	-0.36	-0.02	75.00	28
21	24.42	4.58	0.29	78.85	29
22	25.30	5.70	0.36	82.69	31
23	23.11	9.89	0.63	86.54	33
24	18.74	32.26	2.04	90.38	51
25	26.17	31.83	2.01	94.23	58
26	20.05	42.95	2.71	98.08	63

Western Sandpiper

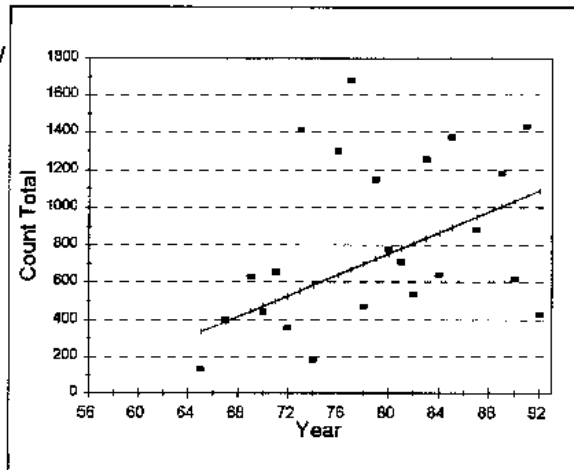
ANWR+CCW

3 outliers removed

Trend Slope as % of Avg = 4.15%

Regression Statistics

Multiple R	0.50
R Square	0.25
Adjusted R Square	0.22
Standard Error	442.06
Observations	28.00

**Analysis of Variance**

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>		
Regression	1.00	1671264.83	1671264.83	8.55	0.01		
Residual	26.00	5080804.17	195415.55				
Total	27.00	6752069.00					
	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>	
Intercept	-1489.02	744.51	-2.00	0.06	-3019.38	41.34	
x1	28.02	9.58	2.92	0.01	8.33	47.71	
<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdz'd Residuals</i>	<i>Percentile</i>		<i>y</i>	
1	276.22	-269.22	-0.61	1.79		7	
2	304.24	-295.24	-0.67	5.36		9	
3	360.28	-345.28	-0.78	8.93		15	
4	920.67	-822.67	-1.86	12.50		98	
5	416.32	-308.32	-0.70	16.07		108	
6	332.26	-199.26	-0.45	19.64		133	
7	584.44	-399.44	-0.90	23.21		185	
8	528.40	-171.40	-0.39	26.79		357	
9	388.30	10.70	0.02	30.36		399	
10	1088.79	-660.79	-1.49	33.93		428	
11	472.36	-30.36	-0.07	37.50		442	
12	696.52	-221.52	-0.50	41.07		475	
13	808.59	-270.59	-0.61	44.64		538	
14	1032.75	-417.75	-0.95	48.21		615	
15	444.34	186.66	0.42	51.79		631	
16	864.63	-224.63	-0.51	55.36		640	
17	500.38	154.62	0.35	58.93		655	
18	780.57	-70.57	-0.16	62.50		710	
19	752.55	21.45	0.05	66.07		774	
20	948.69	-66.69	-0.15	69.64		882	
21	724.54	423.46	0.96	73.21		1148	
22	1004.73	178.27	0.40	76.79		1183	
23	836.61	419.39	0.95	80.36		1256	
24	640.48	658.52	1.49	83.93		1299	
25	892.65	482.35	1.09	87.50		1375	
26	556.42	854.58	1.93	91.07		1411	
27	1060.77	370.23	0.84	94.64		1431	
28	668.50	1013.50	2.29	98.21		1682	

Western Sandpiper

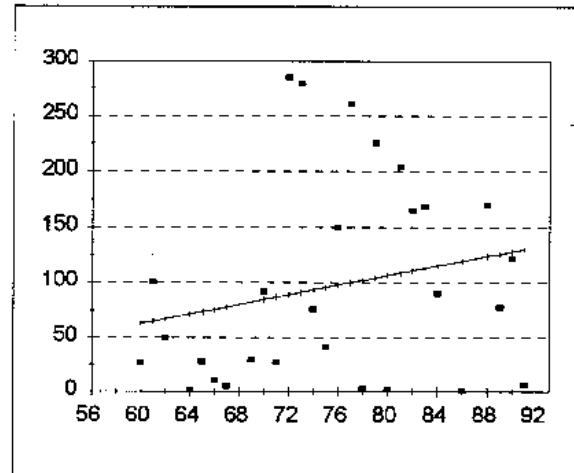
ANWR

2 outliers removed

Trend Slope as % of Avg = 2.26%

Regression Statistics

Multiple R	0.22
R Square	0.05
Adjusted R Square	0.01
Standard Error	91.12
Observations	28.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	10921.93	10921.93	1.32	0.26
Residual	26.00	215860.50	8302.33		
Total	27.00	226782.43			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-68.34	144.62	-0.47	0.64	-365.62	228.94
x1	2.18	1.90	1.15	0.26	-1.73	6.09

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	62.61	-35.61	-0.39	1.79	1
2	64.79	35.21	0.39	5.36	2
3	66.97	-16.97	-0.19	8.93	2
4	71.34	-69.34	-0.76	12.50	3
5	73.52	-45.52	-0.50	16.07	5
6	75.70	-64.70	-0.71	19.64	7
7	77.88	-72.88	-0.80	23.21	11
8	82.25	-52.25	-0.57	26.79	27
9	84.43	6.57	0.07	30.36	27
10	86.61	-59.61	-0.65	33.93	28
11	88.80	196.20	2.15	37.50	30
12	90.98	188.02	2.06	41.07	41
13	93.16	-17.16	-0.19	44.64	50
14	95.34	-54.34	-0.60	48.21	76
15	97.53	52.47	0.58	51.79	78
16	99.71	160.29	1.76	55.36	90
17	101.89	-98.89	-1.09	58.93	91
18	104.07	120.93	1.33	62.50	100
19	106.26	-104.26	-1.14	66.07	122
20	108.44	95.56	1.05	69.64	150
21	110.62	54.38	0.60	73.21	165
22	112.80	56.20	0.62	76.79	169
23	114.99	-24.99	-0.27	80.36	170
24	119.35	-118.35	-1.30	83.93	204
25	123.72	46.28	0.51	87.50	225
26	125.90	-47.90	-0.53	91.07	260
27	128.08	-6.08	-0.07	94.64	279
28	130.26	-123.26	-1.35	98.21	285

Western Sandpiper

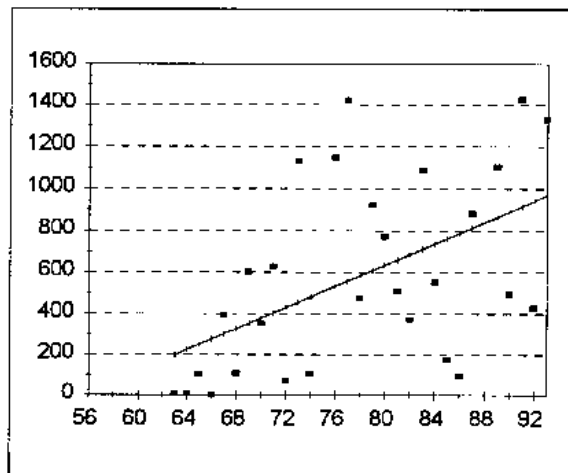
CCW

2 outliers removed

Trend Slope as % of Avg = 4.46%

Regression Statistics

Multiple R	0.52
R Square	0.27
Adjusted R Square	0.24
Standard Error	400.21
Observations	29.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	1561115.12	1561115.12	9.75	0.00
Residual	27.00	4324498.74	160166.62		
Total	28.00	5885613.86			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-1419.91	643.63	-2.21	0.04	-2740.53	-99.28
x1	25.67	8.22	3.12	0.00	8.80	42.54

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	274.24	-270.24	-0.68	1.72	4
2	222.90	-215.90	-0.54	5.17	7
3	197.23	-190.23	-0.48	8.62	7
4	428.25	-356.25	-0.89	12.07	72
5	787.62	-690.62	-1.73	15.52	97
6	248.57	-143.57	-0.36	18.97	105
7	325.58	-217.58	-0.54	22.41	108
8	479.59	-370.59	-0.93	25.86	109
9	761.95	-586.95	-1.47	29.31	175
10	376.91	-25.91	-0.06	32.76	351
11	684.94	-311.94	-0.78	36.21	373
12	299.91	94.09	0.24	39.66	394
13	941.63	-513.63	-1.28	43.10	428
14	582.26	-110.26	-0.28	46.55	472
15	890.29	-397.29	-0.99	50.00	493
16	659.27	-153.27	-0.38	53.45	506
17	736.28	-186.28	-0.47	56.90	550
18	351.25	249.75	0.62	60.34	601
19	402.58	225.42	0.56	63.79	628
20	633.60	138.40	0.35	67.24	772
21	813.28	68.72	0.17	70.69	882
22	607.93	315.07	0.79	74.14	923
23	710.61	376.39	0.94	77.59	1087
24	864.62	240.38	0.60	81.03	1105
25	453.92	678.08	1.69	84.48	1132
26	530.93	618.07	1.54	87.93	1149
27	967.30	362.70	0.91	91.38	1330
28	556.60	865.40	2.16	94.83	1422
29	915.96	508.04	1.27	98.28	1424

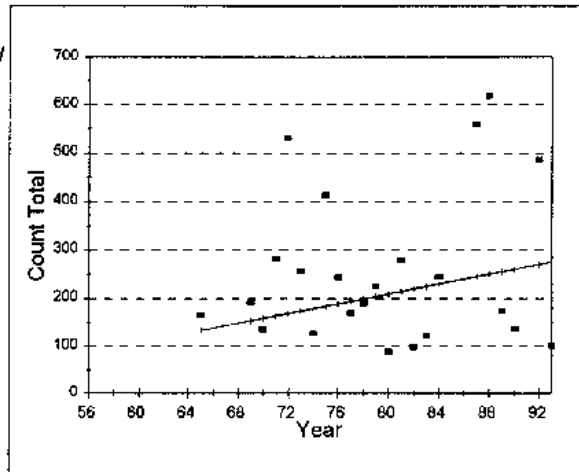
Least Sandpiper

ANWR+CCW

Trend Slope as % of Avg = 2.54%

Regression Statistics

Multiple R	0.28
R Square	0.08
Adjusted R Square	0.04
Standard Error	161.69
Observations	31.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	63094.79	63094.79	2.41	0.13
Residual	29.00	758155.08	26143.28		
Total	30.00	821249.87			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-194.49	254.91	-0.76	0.45	-715.84	326.86
x1	5.04	3.25	1.55	0.13	-1.60	11.68

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	123.28	-116.28	-0.72	1.61	7
2	128.32	-112.32	-0.69	4.84	16
3	143.45	-123.45	-0.76	8.06	20
4	234.24	-200.24	-1.24	11.29	34
5	239.29	-192.29	-1.19	14.52	47
6	148.50	-96.50	-0.60	17.74	52
7	264.51	-190.51	-1.18	20.97	74
8	138.41	-53.41	-0.33	24.19	85
9	209.02	-121.02	-0.75	27.42	88
10	219.11	-121.11	-0.75	30.65	98
11	274.59	-173.59	-1.07	33.87	101
12	224.16	-102.16	-0.63	37.10	122
13	178.76	-51.76	-0.32	40.32	127
14	158.58	-23.58	-0.15	43.55	135
15	259.46	-122.46	-0.76	46.77	137
16	133.36	31.64	0.20	50.00	165
17	193.89	-22.89	-0.14	53.23	171
18	254.42	-80.42	-0.50	56.45	174
19	198.94	-8.94	-0.06	59.68	190
20	153.54	37.46	0.23	62.90	191
21	203.98	20.02	0.12	66.13	224
22	188.85	54.15	0.33	69.35	243
23	229.20	14.80	0.09	72.58	244
24	173.72	82.28	0.51	75.81	256
25	214.07	63.93	0.40	79.03	278
26	163.63	117.37	0.73	82.26	281
27	183.80	229.20	1.42	85.48	413
28	269.55	216.45	1.34	88.71	486
29	168.67	361.33	2.23	91.94	530
30	244.33	315.67	1.95	95.16	560
31	249.37	368.63	2.28	98.39	618

Least Sandpiper

Data Corrected:
Count/(Party Hours^B)
where B = .86

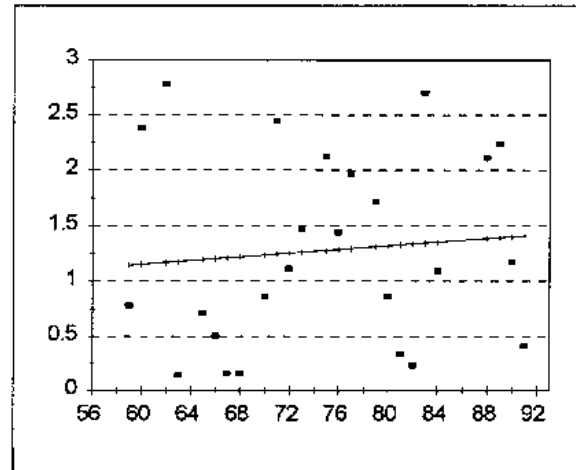
1 outlier removed

Trend Slope as % of Avg = 0.97%

Regression Statistics

Multiple R	0.09
R Square	0.01
Adjusted R Square	-0.03
Standard Error	0.88
Observations	25.00

ANWR



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	0.16	0.16	0.21	0.65
Residual	23.00	17.85	0.78		
Total	24.00	18.01			

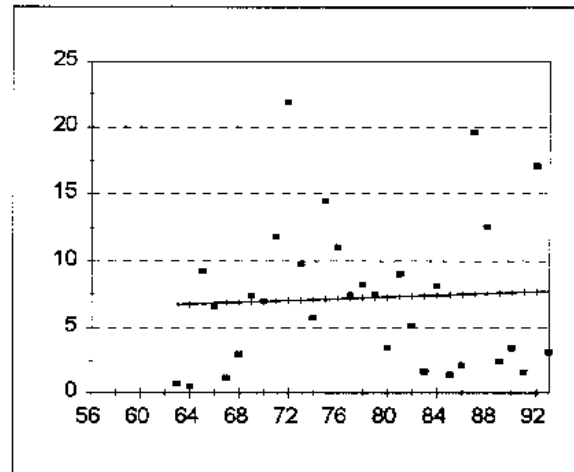
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	0.65	1.40	0.46	0.65	-2.24	3.54
x1	0.01	0.02	0.45	0.65	-0.03	0.05

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	1.14	-0.36	-0.41	2.00	0
2	1.15	1.23	1.40	6.00	0
3	1.17	1.61	1.83	10.00	0
4	1.18	-1.03	-1.17	14.00	0
5	1.19	-0.48	-0.55	18.00	0
6	1.20	-0.70	-0.79	22.00	0
7	1.21	-1.05	-1.19	26.00	1
8	1.22	-1.06	-1.20	30.00	1
9	1.24	-0.38	-0.43	34.00	1
10	1.24	1.20	1.37	38.00	1
11	1.25	-0.14	-0.16	42.00	1
12	1.26	0.21	0.24	46.00	1
13	1.28	0.85	0.96	50.00	1
14	1.29	0.15	0.17	54.00	1
15	1.29	0.68	0.77	58.00	1
16	1.31	0.41	0.46	62.00	1
17	1.32	-0.46	-0.52	66.00	2
18	1.33	-0.99	-1.12	70.00	2
19	1.34	-1.10	-1.25	74.00	2
20	1.34	1.35	1.54	78.00	2
21	1.35	-0.26	-0.30	82.00	2
22	1.39	0.72	0.81	86.00	2
23	1.40	0.84	0.95	90.00	2
24	1.40	-0.23	-0.26	94.00	3
25	1.41	-1.00	-1.14	98.00	3

Least Sandpiper

Data Corrected:
Count/(Party Hours^B)
where B = .72

CCW



Trend Slope as % of Avg = 0.44%

Regression Statistics

Multiple R	0.06
R Square	0.00
Adjusted R Square	-0.03
Standard Error	5.67
Observations	31.00

Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	2.51	2.51	0.08	0.78
Residual	29.00	932.27	32.15		
Total	30.00	934.78			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	4.76	8.94	0.53	0.60	-13.52	23.04
x1	0.03	0.11	0.28	0.78	-0.20	0.26

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	6.79	-6.26	-1.10	1.61	1
2	6.76	-6.01	-1.06	4.84	1
3	6.89	-5.68	-1.00	8.06	1
4	7.46	-6.03	-1.06	11.29	1
5	7.65	-6.02	-1.06	14.52	2
6	7.40	-5.73	-1.01	17.74	2
7	7.49	-5.35	-0.94	20.97	2
8	7.59	-5.16	-0.91	24.19	2
9	6.92	-3.93	-0.69	27.42	3
10	7.72	-4.61	-0.81	30.65	3
11	7.62	-4.20	-0.74	33.87	3
12	7.30	-3.80	-0.67	37.10	3
13	7.37	-2.23	-0.39	40.32	5
14	7.11	-1.38	-0.24	43.55	6
15	6.86	-0.20	-0.04	46.77	7
16	6.98	0.03	0.01	50.00	7
17	6.95	0.44	0.08	53.23	7
18	7.21	0.21	0.04	56.45	7
19	7.27	0.21	0.04	59.68	7
20	7.43	0.66	0.12	62.90	8
21	7.24	0.94	0.17	66.13	8
22	7.33	1.70	0.30	69.35	9
23	6.83	2.45	0.43	72.58	9
24	7.08	2.69	0.48	75.81	10
25	7.18	3.85	0.68	79.03	11
26	7.02	4.83	0.85	82.26	12
27	7.56	5.01	0.88	85.48	13
28	7.14	7.32	1.29	88.71	14
29	7.68	9.35	1.65	91.94	17
30	7.53	12.11	2.14	95.16	20
31	7.05	14.82	2.61	98.39	22

Dunlin

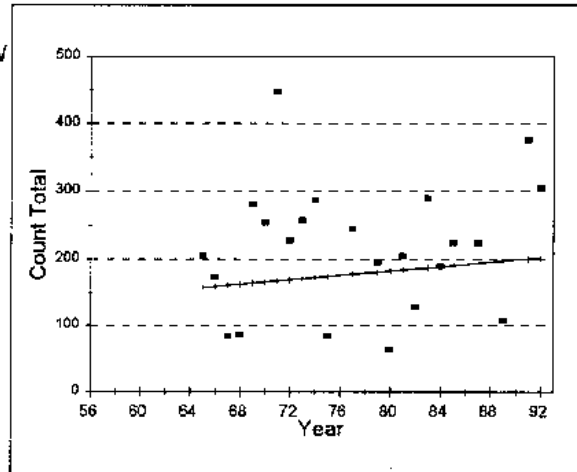
ANWR+CCW

2 outliers removed

Trend Slope as % of Avg = 0.93%

Regression Statistics

Multiple R 0.13
 R Square 0.02
 Adjusted R Square -0.02
 Standard Error 114.69
 Observations 29.00

**Analysis of Variance**

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	5985.99	5985.99	0.46	0.51
Residual	27.00	355152.22	13153.79		
Total	28.00	361138.21			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	50.45	189.25	0.27	0.79	-337.85	438.76
x1	1.64	2.43	0.67	0.51	-3.35	6.64

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	153.92	-148.92	-1.30	1.72	5
2	155.56	-140.56	-1.23	5.17	15
3	191.69	-161.69	-1.41	8.62	30
4	203.19	-172.19	-1.50	12.07	31
5	178.56	-119.56	-1.04	15.52	59
6	175.27	-111.27	-0.97	18.97	64
7	181.84	-117.84	-1.03	22.41	64
8	160.49	-76.49	-0.67	25.86	84
9	173.63	-88.63	-0.77	29.31	85
10	162.13	-76.13	-0.66	32.76	86
11	196.62	-88.62	-0.77	36.21	108
12	185.13	-57.13	-0.50	39.66	128
13	158.85	13.15	0.11	43.10	172
14	188.41	0.59	0.01	46.55	189
15	180.20	14.80	0.13	50.00	195
16	157.21	47.79	0.42	53.45	205
17	183.48	21.52	0.19	56.90	205
18	193.34	29.66	0.26	60.34	223
19	190.05	33.95	0.30	63.79	224
20	168.70	59.30	0.52	67.24	228
21	176.91	68.09	0.59	70.69	245
22	165.42	88.58	0.77	74.14	254
23	170.34	86.66	0.76	77.59	257
24	163.78	117.22	1.02	81.03	281
25	171.99	115.01	1.00	84.48	287
26	186.77	103.23	0.90	87.93	290
27	201.55	104.45	0.91	91.38	306
28	199.91	175.09	1.53	94.83	375
29	167.06	279.94	2.44	98.28	447

Dunlin

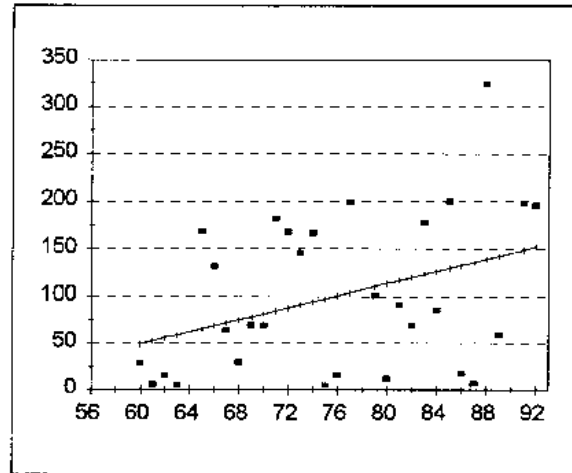
ANWR

1 outlier removed

Trend Slope as % of Avg = 3.20%

Regression Statistics

Multiple R	0.37
R Square	0.14
Adjusted R Square	0.11
Standard Error	78.27
Observations	30.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	27310.79	27310.79	4.46	0.04
Residual	28.00	171531.51	6126.13		
Total	29.00	198842.30			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-143.37	116.29	-1.23	0.23	-381.57	94.83
x1	3.21	1.52	2.11	0.04	0.10	6.33

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	49.34	-20.34	-0.26	1.67	5
2	52.55	-46.55	-0.59	5.00	5
3	55.76	-40.76	-0.52	8.33	6
4	58.97	-53.97	-0.69	11.67	7
5	65.40	102.60	1.31	15.00	12
6	68.61	63.39	0.81	18.33	15
7	71.82	-7.82	-0.10	21.67	16
8	75.03	-45.03	-0.58	25.00	18
9	78.25	-9.25	-0.12	28.33	29
10	81.46	-12.46	-0.16	31.67	30
11	84.67	97.33	1.24	35.00	59
12	87.88	80.12	1.02	38.33	64
13	91.09	54.91	0.70	41.67	69
14	94.30	72.70	0.93	45.00	69
15	97.52	-92.52	-1.18	48.33	69
16	100.73	-84.73	-1.08	51.67	86
17	103.94	95.06	1.21	55.00	91
18	110.36	-9.36	-0.12	58.33	101
19	113.58	-101.58	-1.30	61.67	132
20	116.79	-25.79	-0.33	65.00	146
21	120.00	-51.00	-0.65	68.33	167
22	123.21	54.79	0.70	71.67	168
23	126.42	-40.42	-0.52	75.00	168
24	129.63	70.37	0.90	78.33	178
25	132.85	-114.85	-1.47	81.67	182
26	136.06	-129.06	-1.65	85.00	196
27	139.27	184.73	2.36	88.33	198
28	142.48	-83.48	-1.07	91.67	199
29	148.91	49.09	0.63	95.00	200
30	152.12	43.88	0.56	98.33	324

Dunlin

Data Corrected:
Count/(Party Hours^B)
where B = .46

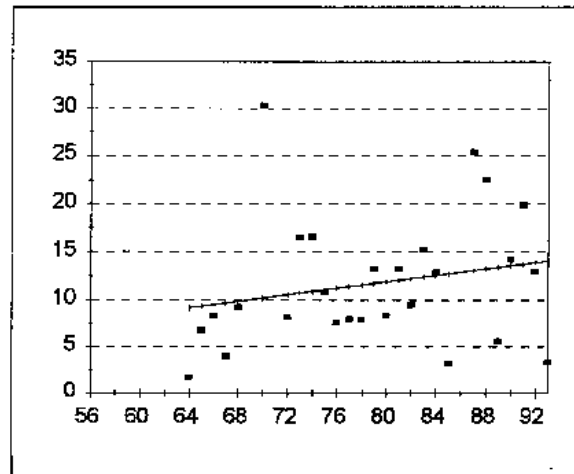
2 outliers removed

Trend Slope as % of Avg = 1.55%

Regression Statistics

Multiple R	0.22
R Square	0.05
Adjusted R Square	0.01
Standard Error	6.88
Observations	27.00

CCW



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	58.49	58.49	1.23	0.28
Residual	25.00	1185.02	47.40		
Total	26.00	1243.50			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-1.66	12.09	-0.14	0.89	-26.56	23.23
x1	0.17	0.15	1.11	0.28	-0.14	0.48

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	9.17	-7.40	-1.07	1.85	2
2	12.73	-9.49	-1.38	5.56	3
3	14.08	-10.70	-1.55	9.26	3
4	9.68	-5.67	-0.82	12.96	4
5	13.40	-7.79	-1.13	16.67	6
6	9.34	-2.56	-0.37	20.37	7
7	11.20	-3.67	-0.53	24.07	8
8	11.54	-3.63	-0.53	27.78	8
9	11.37	-3.39	-0.49	31.48	8
10	10.52	-2.39	-0.35	35.19	8
11	9.51	-1.14	-0.17	38.89	8
12	11.88	-3.51	-0.51	42.59	8
13	9.85	-0.59	-0.09	46.30	9
14	12.22	-2.75	-0.40	50.00	9
15	11.03	-0.25	-0.04	53.70	11
16	12.56	0.34	0.05	57.41	13
17	13.91	-0.98	-0.14	61.11	13
18	12.05	1.18	0.17	64.81	13
19	11.71	1.52	0.22	68.52	13
20	13.57	0.65	0.09	72.22	14
21	12.39	2.80	0.41	75.93	15
22	10.69	5.81	0.84	79.63	17
23	10.86	5.71	0.83	83.33	17
24	13.74	6.13	0.89	87.04	20
25	13.23	9.30	1.35	90.74	23
26	13.06	12.33	1.79	94.44	25
27	10.19	20.13	2.92	98.15	30
28	10.12	20.19	2.85	98.21	30

Stilt Sandpiper

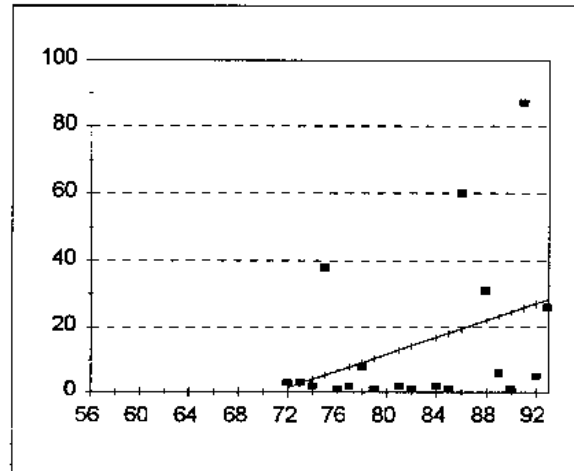
1 outlier removed

Trend Slope as % of Avg = 8.75%

Regression Statistics

Multiple R	0.37
R Square	0.14
Adjusted R Square	0.09
Standard Error	22.83
Observations	19.00

CCW



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	1427.15	1427.15	2.74	0.12
Residual	17.00	8860.53	521.21		
Total	18.00	10287.68			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-91.47	64.40	-1.42	0.17	-227.33	44.39
x1	1.29	0.78	1.65	0.12	-0.35	2.93

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	18.13	-17.13	-0.75	2.63	1
2	14.26	-13.26	-0.58	7.89	1
3	24.58	-23.58	-1.03	13.16	1
4	10.39	-9.39	-0.41	18.42	1
5	6.53	-5.53	-0.24	23.68	1
6	7.81	-5.81	-0.25	28.95	2
7	3.95	-1.95	-0.09	34.21	2
8	12.97	-10.97	-0.48	39.47	2
9	16.84	-14.84	-0.65	44.74	2
10	2.66	0.34	0.02	50.00	3
11	1.37	1.63	0.07	55.26	3
12	27.16	-22.16	-0.97	60.53	5
13	23.29	-17.29	-0.76	65.79	6
14	9.10	-1.10	-0.05	71.05	8
15	28.45	-2.45	-0.11	76.32	26
16	22.00	9.00	0.39	81.58	31
17	5.24	32.76	1.44	86.84	38
18	19.42	40.58	1.78	92.11	60
19	25.87	61.13	2.68	97.37	87

dowitcher sp.

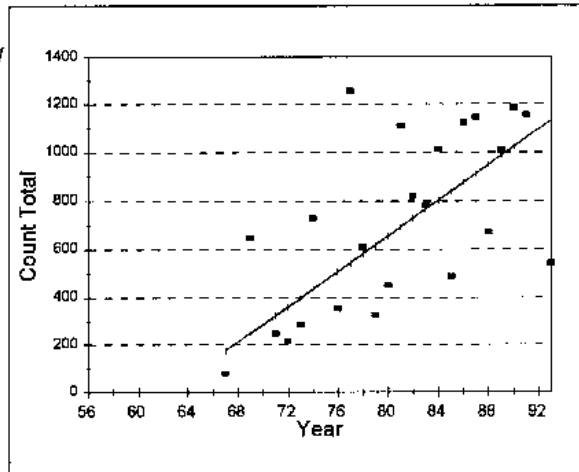
ANWR+CCW

2 outliers removed

Trend Slope as % of Avg = 6.50%

Regression Statistics

Multiple R	0.78
R Square	0.61
Adjusted R Square	0.59
Standard Error	271.24
Observations	29.00

**Analysis of Variance**

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	3084378.21	3084378.21	41.93	0.00
Residual	27.00	1986352.82	73568.62		
Total	28.00	5070731.03			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-2294.09	444.67	-5.16	0.00	-3206.48	-1381.71
x1	36.85	5.69	6.47	0.00	25.18	48.53

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	101.46	-88.46	-0.33	1.72	13
2	27.75	-14.75	-0.05	5.17	13
3	64.60	-48.60	-0.18	8.62	16
4	285.73	-261.73	-0.96	12.07	24
5	212.02	-163.02	-0.60	15.52	49
6	138.31	-62.31	-0.23	18.97	76
7	175.16	-95.16	-0.35	22.41	80
8	359.44	-143.44	-0.53	25.86	216
9	322.58	-75.58	-0.28	29.31	247
10	396.29	-111.29	-0.41	32.76	285
11	617.42	-290.42	-1.07	36.21	327
12	506.86	-152.86	-0.56	39.66	354
13	654.27	-204.27	-0.75	43.10	450
14	838.55	-350.55	-1.29	46.55	488
15	1133.38	-589.38	-2.17	50.00	544
16	580.57	32.43	0.12	53.45	613
17	248.87	398.13	1.47	56.90	647
18	949.11	-278.11	-1.03	60.34	671
19	433.15	295.85	1.09	63.79	729
20	764.84	14.16	0.05	67.24	779
21	727.98	92.02	0.34	70.69	820
22	985.97	19.03	0.07	74.14	1005
23	801.89	211.31	0.78	77.59	1013
24	691.13	418.87	1.54	81.03	1110
25	875.40	245.60	0.91	84.48	1121
26	912.26	232.74	0.86	87.93	1145
27	1059.68	96.32	0.36	91.38	1156
28	1022.82	162.18	0.60	94.83	1185
29	543.71	711.29	2.62	98.28	1255

dowitcher sp.

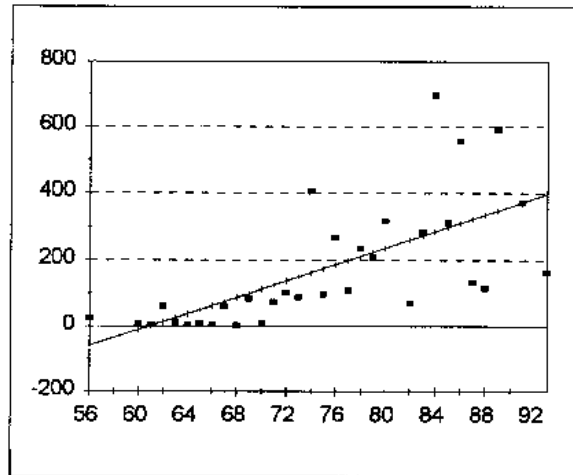
ANWR

3 outliers removed

Trend Slope as % of Avg = 7.22%

Regression Statistics

Multiple R	0.67
R Square	0.45
Adjusted R Square	0.43
Standard Error	140.42
Observations	32.00

**Analysis of Variance**

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	483493.41	483493.41	24.52	0.00
Residual	30.00	591514.46	19717.15		
Total	31.00	1075007.88			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-754.12	188.55	-4.00	0.00	-1139.19	-369.05
x1	12.37	2.50	4.95	0.00	7.27	17.47

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	-61.30	86.30	0.61	1.56	2
2	-11.82	18.82	0.13	4.69	6
3	0.55	5.45	0.04	7.81	6
4	12.93	48.07	0.34	10.94	6
5	25.30	-12.30	-0.09	14.06	7
6	37.67	-31.67	-0.23	17.19	10
7	50.04	-40.04	-0.29	20.31	10
8	62.41	-56.41	-0.40	23.44	13
9	74.78	-14.78	-0.11	26.56	25
10	87.16	-85.16	-0.61	29.69	60
11	99.53	-15.53	-0.11	32.81	61
12	111.90	-101.90	-0.73	35.94	71
13	124.27	-50.27	-0.36	39.06	74
14	136.64	-33.64	-0.24	42.19	84
15	149.01	-61.01	-0.43	45.31	88
16	161.39	244.61	1.74	48.44	98
17	173.76	-75.76	-0.54	51.56	103
18	186.13	79.87	0.57	54.69	109
19	198.50	-89.50	-0.64	57.81	116
20	210.87	24.13	0.17	60.94	133
21	223.24	-15.24	-0.11	64.06	163
22	235.62	82.38	0.59	67.19	208
23	260.36	-189.36	-1.35	70.31	235
24	272.73	10.27	0.07	73.44	266
25	285.10	409.90	2.92	76.56	283
26	297.47	13.53	0.10	79.69	311
27	309.85	245.15	1.75	82.81	318
28	322.22	-189.22	-1.35	85.94	372
29	334.59	-218.59	-1.56	89.06	406
30	346.96	245.04	1.75	92.19	555
31	371.70	0.30	0.00	95.31	592
32	396.45	-233.45	-1.66	98.44	695

dowitcher sp.

Data Corrected:
Count/(Party Hours^B)
where B = .77

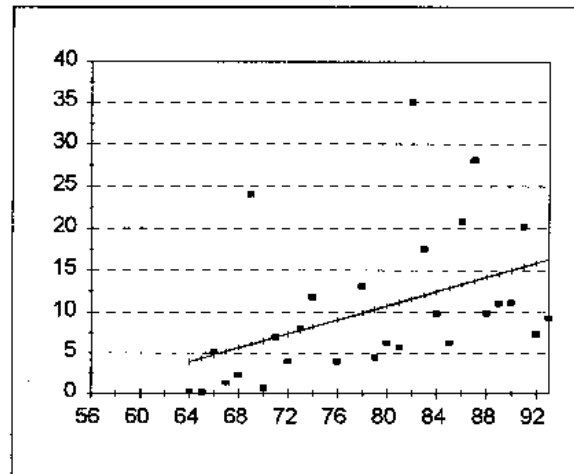
2 outliers removed

Trend Slope as % of Avg = 4.35%

Regression Statistics

Multiple R	0.45
R Square	0.20
Adjusted R Square	0.17
Standard Error	7.95
Observations	28.00

CCW



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	406.69	406.69	6.44	0.02
Residual	26.00	1643.14	63.20		
Total	27.00	2049.83			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-23.43	13.32	-1.76	0.09	-50.82	3.96
x1	0.43	0.17	2.54	0.02	0.08	0.77

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	4.31	-4.14	-0.52	1.79	0
2	3.89	-3.61	-0.45	5.36	0
3	6.45	-5.77	-0.73	8.93	1
4	5.17	-3.81	-0.48	12.50	1
5	5.59	-3.28	-0.41	16.07	2
6	9.01	-5.04	-0.63	19.64	4
7	7.30	-3.32	-0.42	23.21	4
8	10.29	-5.82	-0.73	26.79	4
9	4.74	0.36	0.05	30.36	5
10	11.14	-5.49	-0.69	33.93	6
11	12.85	-6.67	-0.84	37.50	6
12	10.72	-4.51	-0.57	41.07	6
13	6.87	-0.00	-0.00	44.64	7
14	15.84	-8.53	-1.07	48.21	7
15	7.73	0.38	0.05	51.79	8
16	16.27	-6.95	-0.87	55.36	9
17	12.42	-2.60	-0.33	58.93	10
18	14.13	-4.25	-0.53	62.50	10
19	14.56	-3.57	-0.45	66.07	11
20	14.98	-3.84	-0.48	69.64	11
21	8.16	3.59	0.45	73.21	12
22	9.86	3.21	0.40	76.79	13
23	12.00	5.50	0.69	80.36	17
24	15.41	4.76	0.60	83.93	20
25	13.28	7.52	0.95	87.50	21
26	6.02	18.04	2.27	91.07	24
27	13.70	14.41	1.81	94.64	28
28	11.57	23.45	2.95	98.21	35

Common Snipe

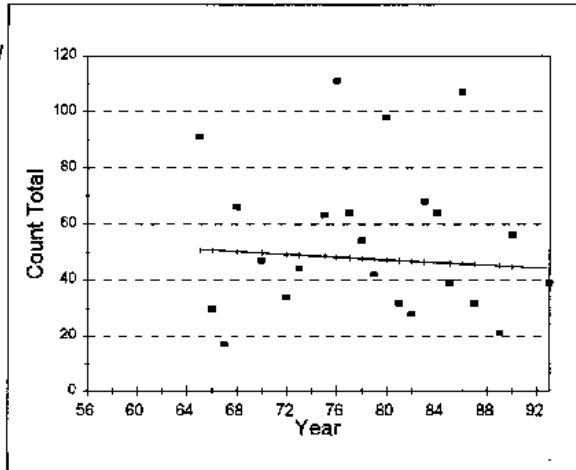
ANWR+CCW

3 outliers removed

Trend Slope as % of Avg = -0.50%

Regression Statistics

Multiple R	0.07
R Square	0.01
Adjusted R Square	-0.03
Standard Error	29.99
Observations	27.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	119.24	119.24	0.13	0.72
Residual	25.00	22483.06	899.32		
Total	26.00	22602.30			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	66.44	51.99	1.28	0.21	-40.64	173.53
x1	-0.24	0.66	-0.36	0.72	-1.59	1.11

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	44.42	-38.42	-1.28	1.85	6
2	44.66	-38.66	-1.29	5.56	6
3	51.12	-38.12	-1.27	9.26	13
4	49.93	-35.93	-1.20	12.96	14
5	50.40	-33.40	-1.11	16.67	17
6	45.14	-24.14	-0.80	20.37	21
7	46.81	-18.81	-0.63	24.07	28
8	50.64	-20.64	-0.69	27.78	30
9	45.62	-13.62	-0.45	31.48	32
10	47.05	-15.05	-0.50	35.19	32
11	49.21	-15.21	-0.51	38.89	34
12	44.18	-5.18	-0.17	42.59	39
13	46.10	-7.10	-0.24	46.30	39
14	47.53	-5.53	-0.18	50.00	42
15	48.97	-4.97	-0.17	53.70	44
16	49.69	-2.69	-0.09	57.41	47
17	47.77	6.23	0.21	61.11	54
18	44.90	11.10	0.37	64.81	56
19	48.49	14.51	0.48	68.52	63
20	46.34	17.66	0.59	72.22	64
21	48.01	15.99	0.53	75.93	64
22	50.17	15.83	0.53	79.63	66
23	46.57	21.43	0.71	83.33	68
24	50.88	40.12	1.34	87.04	91
25	47.29	50.71	1.69	90.74	98
26	45.86	61.14	2.04	94.44	107
27	48.25	62.75	2.09	98.15	111

Common Snipe

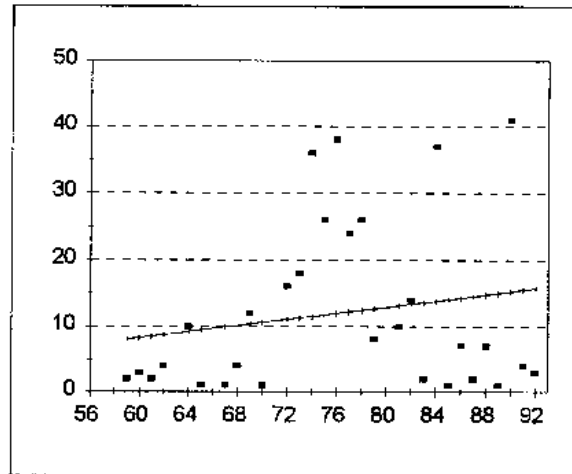
ANWR

2 outliers removed

Trend Slope as % of Avg = 1.94%

Regression Statistics

Multiple R	0.18
R Square	0.03
Adjusted R Square	-0.00
Standard Error	12.79
Observations	30.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	162.09	162.09	0.99	0.33
Residual	28.00	4580.87	163.60		
Total	29.00	4742.97			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-5.78	18.05	-0.32	0.75	-42.74	31.19
x1	0.23	0.23	1.00	0.33	-0.25	0.71

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	8.01	-6.01	-0.47	1.67	1
2	8.24	-5.24	-0.41	5.00	1
3	8.47	-6.47	-0.51	8.33	1
4	8.71	-4.71	-0.37	11.67	1
5	9.18	0.82	0.06	15.00	1
6	9.41	-8.41	-0.66	18.33	2
7	9.88	-8.88	-0.69	21.67	2
8	10.11	-6.11	-0.48	25.00	2
9	10.34	1.66	0.13	28.33	2
10	10.58	-9.58	-0.75	31.67	3
11	11.04	4.96	0.39	35.00	3
12	11.28	6.72	0.53	38.33	4
13	11.51	24.49	1.91	41.67	4
14	11.75	14.25	1.11	45.00	4
15	11.98	26.02	2.03	48.33	7
16	12.21	11.79	0.92	51.67	7
17	12.45	13.55	1.06	55.00	8
18	12.68	-4.68	-0.37	58.33	10
19	13.15	-3.15	-0.25	61.67	10
20	13.38	0.62	0.05	65.00	12
21	13.61	-11.61	-0.91	68.33	14
22	13.85	23.15	1.81	71.67	16
23	14.08	-13.08	-1.02	75.00	18
24	14.32	-7.32	-0.57	78.33	24
25	14.55	-12.55	-0.98	81.67	26
26	14.78	-7.78	-0.61	85.00	26
27	15.02	-14.02	-1.10	88.33	36
28	15.25	25.75	2.01	91.67	37
29	15.48	-11.48	-0.90	95.00	38
30	15.72	-12.72	-0.99	98.33	41

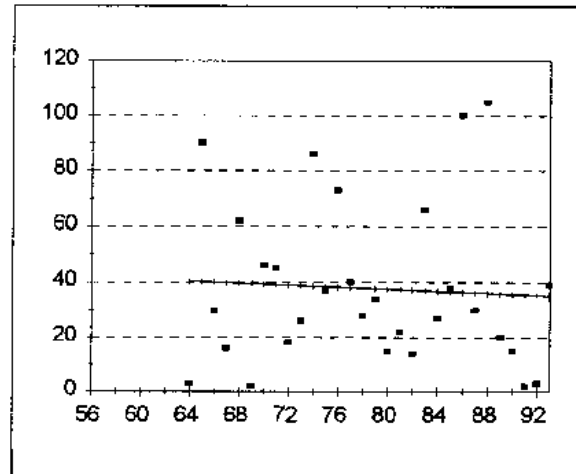
Common Snipe

CCW

Trend Slope as % of Avg = -0.47%

Regression Statistics

Multiple R	0.05
R Square	0.00
Adjusted R Square	-0.03
Standard Error	29.65
Observations	30.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	70.13	70.13	0.08	0.78
Residual	28.00	24621.74	879.35		
Total	29.00	24691.87			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	51.60	49.40	1.04	0.30	-49.59	152.79
x1	-0.18	0.63	-0.28	0.78	-1.46	1.10

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	35.53	-33.53	-1.13	1.67	2
2	39.41	-37.41	-1.26	5.00	2
3	40.29	-37.29	-1.26	8.33	3
4	35.35	-32.35	-1.09	11.67	3
5	37.12	-23.12	-0.78	15.00	14
6	37.47	-22.47	-0.76	18.33	15
7	35.70	-20.70	-0.70	21.67	15
8	39.76	-23.76	-0.80	25.00	16
9	38.88	-20.88	-0.70	28.33	18
10	35.88	-15.88	-0.54	31.67	20
11	37.29	-15.29	-0.52	35.00	22
12	38.70	-12.70	-0.43	38.33	26
13	36.76	-9.76	-0.33	41.67	27
14	37.82	-9.82	-0.33	45.00	28
15	36.23	-6.23	-0.21	48.33	30
16	39.94	-9.94	-0.34	51.67	30
17	37.65	-3.65	-0.12	55.00	34
18	38.35	-1.35	-0.05	58.33	37
19	36.59	1.41	0.05	61.67	38
20	35.17	3.83	0.13	65.00	39
21	38.00	2.00	0.07	68.33	40
22	39.06	5.94	0.20	71.67	45
23	39.23	6.77	0.23	75.00	46
24	39.59	22.41	0.76	78.33	62
25	36.94	29.06	0.98	81.67	66
26	38.17	34.83	1.17	85.00	73
27	38.53	47.47	1.60	88.33	86
28	40.12	49.88	1.68	91.67	90
29	36.41	63.59	2.14	95.00	100
30	36.06	68.94	2.32	98.33	105

Am. Woodcock

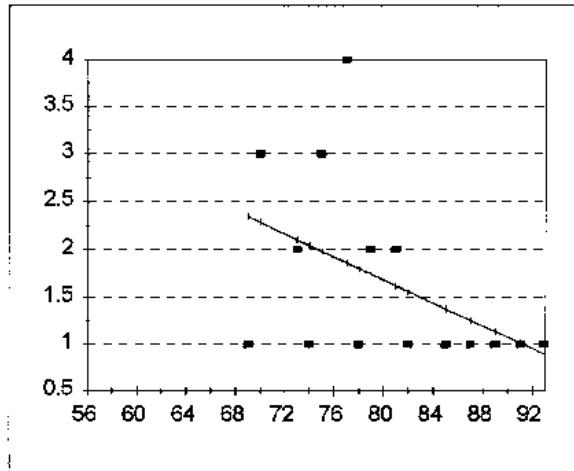
1 outlier removed

Trend Slope as % of Avg = -3.63%

Regression Statistics

Multiple R	0.47
R Square	0.22
Adjusted R Square	0.16
Standard Error	0.90
Observations	15.00

CCW



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	2.90	2.90	3.61	0.08
Residual	13.00	10.43	0.80		
Total	14.00	13.33			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	6.51	2.56	2.54	0.02	0.98	12.04
x1	-0.06	0.03	-1.90	0.08	-0.13	0.01

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	2.34	-1.34	-1.50	3.33	1
2	1.80	-0.80	-0.89	10.00	1
3	1.56	-0.56	-0.62	16.67	1
4	2.04	-1.04	-1.16	23.33	1
5	0.89	0.11	0.12	30.00	1
6	1.01	-0.01	-0.02	36.67	1
7	1.26	-0.26	-0.29	43.33	1
8	1.38	-0.38	-0.42	50.00	1
9	1.13	-0.13	-0.15	56.67	1
10	1.62	0.38	0.43	63.33	2
11	2.10	-0.10	-0.11	70.00	2
12	1.74	0.26	0.29	76.67	2
13	1.98	1.02	1.14	83.33	3
14	2.28	0.72	0.80	90.00	3
15	1.86	2.14	2.39	96.67	4

Laughing Gull

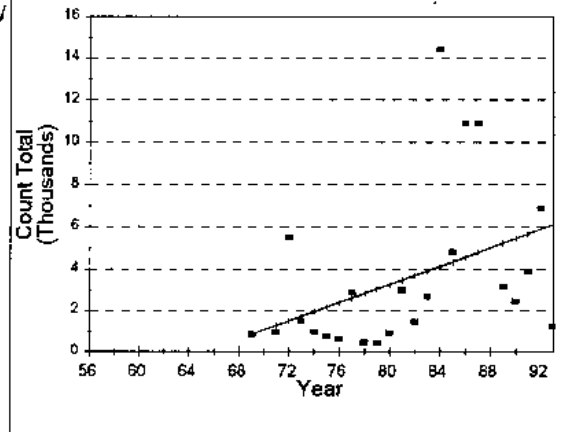
ANWR+CCW

1 outliers removed

Trend Slope as % of Avg = 7.96%

Regression Statistics

Multiple R	0.54
R Square	0.29
Adjusted R Square	0.27
Standard Error	3121.43
Observations	30.00

**Analysis of Variance**

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	113636450.41	113636450.41	11.66	0.00
Residual	28.00	272812341.46	9743297.91		
Total	29.00	386448791.87			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-14235.87	5005.38	-2.84	0.01	-24488.92	-3982.82
x1	218.66	64.03	3.42	0.00	87.51	349.82

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	-241.46	254.46	0.08	1.67	13
2	195.87	-153.87	-0.05	5.00	42
3	-460.12	508.12	0.16	8.33	48
4	633.19	-536.19	-0.17	11.67	97
5	414.53	-286.53	-0.09	15.00	128
6	-22.79	182.79	0.06	18.33	160
7	1070.52	-751.52	-0.24	21.67	319
8	3038.48	-2605.48	-0.83	25.00	433
9	2819.82	-2364.82	-0.76	28.33	455
10	2382.50	-1774.50	-0.57	31.67	608
11	2163.83	-1396.83	-0.45	35.00	767
12	851.86	5.14	0.00	38.33	857
13	3257.15	-2338.15	-0.75	41.67	919
14	1289.18	-336.18	-0.11	45.00	953
15	1945.17	-967.17	-0.31	48.33	978
16	6099.76	-4860.76	-1.56	51.67	1239
17	3694.47	-2245.47	-0.72	55.00	1449
18	1726.51	-244.51	-0.08	58.33	1482
19	5443.77	-2995.77	-0.96	61.67	2448
20	3913.13	-1256.13	-0.40	65.00	2657
21	2601.16	262.84	0.08	68.33	2864
22	3475.81	-469.81	-0.15	71.67	3006
23	5225.11	-2063.11	-0.66	75.00	3162
24	5662.44	-1766.44	-0.57	78.33	3896
25	4350.46	464.54	0.15	81.67	4815
26	1507.84	3993.16	1.28	85.00	5501
27	5981.10	1002.90	0.32	88.33	6884
28	4787.79	6114.21	1.96	91.67	10902
29	4569.12	6336.88	2.03	95.00	10906
30	4131.80	10288.20	3.30	98.33	14420

Laughing Gull

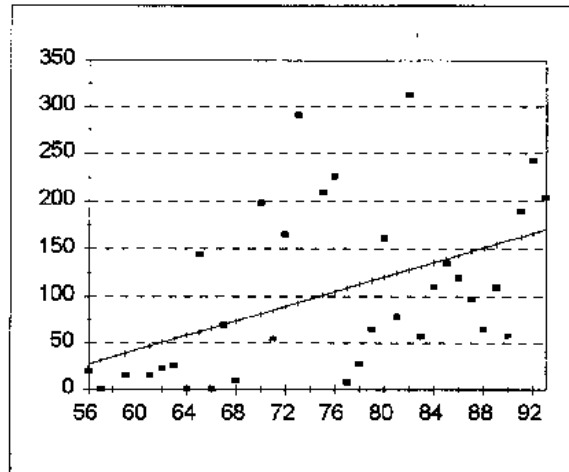
ANWR

2 outliers removed

Trend Slope as % of Avg = 3.73%

Regression Statistics

Multiple R	0.48
R Square	0.23
Adjusted R Square	0.20
Standard Error	79.51
Observations	34.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	59636.86	59636.86	9.43	0.00
Residual	32.00	202275.25	6321.10		
Total	33.00	261912.12			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-188.04	95.80	-1.96	0.06	-383.19	7.11
x1	3.85	1.25	3.07	0.00	1.30	6.41

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	27.75	-7.75	-0.10	1.47	1
2	31.61	-30.61	-0.38	4.41	1
3	39.31	-24.31	-0.31	7.35	2
4	47.02	-32.02	-0.40	10.29	8
5	50.87	-27.87	-0.35	13.24	10
6	54.73	-28.73	-0.36	16.18	15
7	58.58	-57.58	-0.72	19.12	15
8	62.43	81.57	1.03	22.06	20
9	66.29	-64.29	-0.81	25.00	23
10	70.14	-0.14	-0.00	27.94	26
11	73.99	-63.99	-0.80	30.88	28
12	81.70	116.30	1.46	33.82	55
13	85.55	-30.55	-0.38	36.76	57
14	89.41	75.59	0.95	39.71	58
15	93.26	197.74	2.49	42.65	65
16	100.97	108.03	1.36	45.59	65
17	104.82	121.18	1.52	48.53	70
18	108.68	-100.68	-1.27	51.47	79
19	112.53	-84.53	-1.06	54.41	97
20	116.38	-51.38	-0.65	57.35	109
21	120.24	40.76	0.51	60.29	110
22	124.09	-45.09	-0.57	63.24	119
23	127.94	184.06	2.32	66.18	135
24	131.80	-74.80	-0.94	69.12	144
25	135.65	-25.65	-0.32	72.06	161
26	139.50	-4.50	-0.06	75.00	165
27	143.36	-24.36	-0.31	77.94	189
28	147.21	-50.21	-0.63	80.88	198
29	151.06	-86.06	-1.08	83.82	204
30	154.92	-45.92	-0.58	86.76	209
31	158.77	-100.77	-1.27	89.71	226
32	162.62	26.38	0.33	92.65	243
33	166.48	76.52	0.96	95.59	291
34	170.33	33.67	0.42	98.53	312
35	168.97	74.03	0.95	95.83	291
36	173.09	30.91	0.40	98.61	312

Laughing Gull

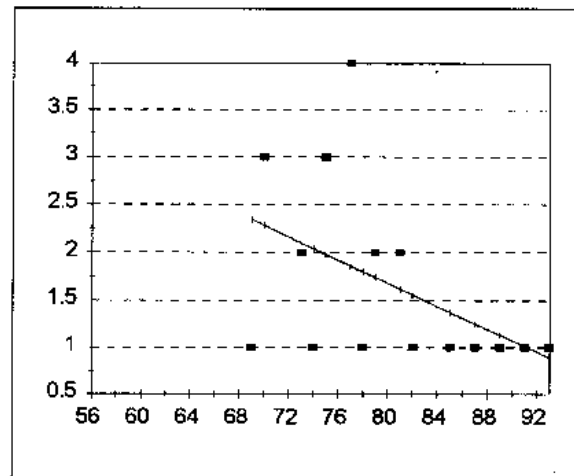
1 outlier removed

Trend Slope as % of Avg = -3.63%

Regression Statistics

Multiple R	0.47
R Square	0.22
Adjusted R Square	0.16
Standard Error	0.90
Observations	15.00

CCW



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	2.90	2.90	3.61	0.08
Residual	13.00	10.43	0.80		
Total	14.00	13.33			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	6.51	2.56	2.54	0.02	0.98	12.04
x1	-0.06	0.03	-1.90	0.08	-0.13	0.01

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	2.34	-1.34	-1.50	3.33	1
2	1.80	-0.80	-0.89	10.00	1
3	1.56	-0.56	-0.62	16.67	1
4	2.04	-1.04	-1.16	23.33	1
5	0.89	0.11	0.12	30.00	1
6	1.01	-0.01	-0.02	36.67	1
7	1.26	-0.26	-0.29	43.33	1
8	1.38	-0.38	-0.42	50.00	1
9	1.13	-0.13	-0.15	56.67	1
10	1.62	0.38	0.43	63.33	2
11	2.10	-0.10	-0.11	70.00	2
12	1.74	0.26	0.29	76.67	2
13	1.98	1.02	1.14	83.33	3
14	2.28	0.72	0.80	90.00	3
15	1.86	2.14	2.39	96.67	4

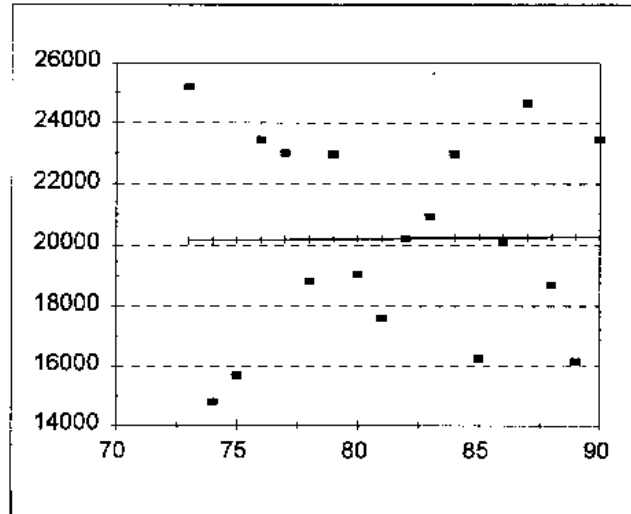
Laughing Gull

TCWS

Trend Slope as % of Avg = 0.04%

Regression Statistics

Multiple R	0.01
R Square	0.00
Adjusted R Square	-0.06
Standard Error	3380.07
Observations	18.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	27234.38	27234.38	0.00	0.96
Residual	16.00	182798074.12	11424879.63		
Total	17.00	182825308.50			

	Coefficients	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	19604.79	12540.50	1.56	0.14	-6979.87	46189.46
x1	7.50	153.56	0.05	0.96	-318.04	333.03

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	20159.60	-5355.60	-1.58	2.78	14804
2	20167.10	-4485.10	-1.33	8.33	15682
3	20272.06	-4115.06	-1.22	13.89	16157
4	20242.07	-3984.07	-1.18	19.44	16258
5	20212.08	-2615.08	-0.77	25.00	17597
6	20264.57	-1574.57	-0.47	30.56	18690
7	20189.59	-1392.59	-0.41	36.11	18797
8	20204.59	-1170.59	-0.35	41.67	19034
9	20249.57	-124.57	-0.04	47.22	20125
10	20219.58	-15.58	-0.00	52.78	20204
11	20227.08	707.92	0.21	58.33	20935
12	20197.09	2760.91	0.82	63.89	22958
13	20234.58	2725.42	0.81	69.44	22960
14	20182.09	2810.91	0.83	75.00	22993
15	20279.56	3148.44	0.93	80.56	23428
16	20174.60	3268.40	0.97	86.11	23443
17	20257.07	4373.93	1.29	91.67	24631
18	20152.11	5036.89	1.49	97.22	25189

Franklin's Gull

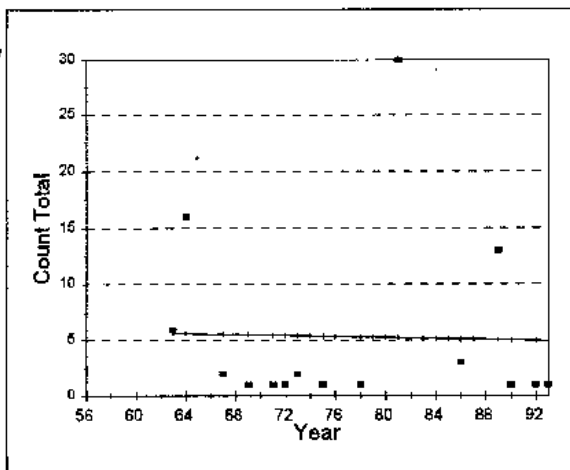
ANWR+CCW

1 outliers removed

Trend Slope as % of Avg = -0.45%

Regression Statistics

Multiple R	0.03
R Square	0.00
Adjusted R Square	-0.08
Standard Error	8.59
Observations	15.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	0.85	0.85	0.01	0.92
Residual	13.00	958.48	73.73		
Total	14.00	959.33			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	7.18	17.34	0.41	0.69	-30.29	44.65
x1	-0.02	0.22	-0.11	0.92	-0.50	0.46

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	5.54	-4.54	-0.53	3.33	1
2	5.39	-4.39	-0.51	10.00	1
3	5.32	-4.32	-0.50	16.67	1
4	5.49	-4.49	-0.52	23.33	1
5	4.99	-3.99	-0.46	30.00	1
6	4.97	-3.97	-0.46	36.67	1
7	5.47	-4.47	-0.52	43.33	1
8	5.04	-4.04	-0.47	50.00	1
9	5.44	-3.44	-0.40	56.67	2
10	5.58	-3.58	-0.42	63.33	2
11	5.13	-2.13	-0.25	70.00	3
12	5.68	0.32	0.04	76.67	6
13	5.06	7.94	0.92	83.33	13
14	5.66	10.34	1.20	90.00	16
15	5.25	24.75	2.88	96.67	30

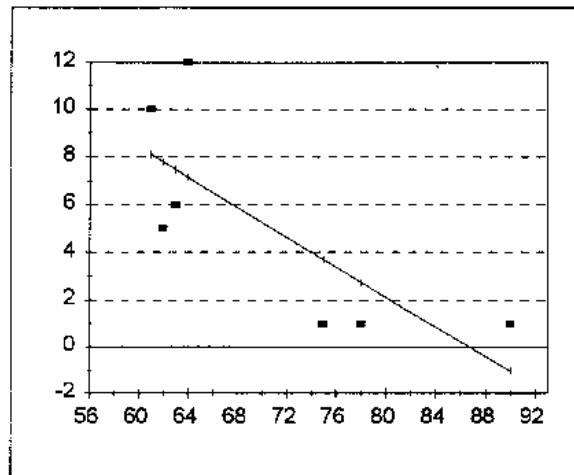
Franklin's Gull

Trend Slope as % of Avg = -6.13%

Regression Statistics

Multiple R	0.76
R Square	0.58
Adjusted R Square	0.50
Standard Error	3.21
Observations	7.00

ANWR



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	71.43	71.43	6.95	0.05
Residual	5.00	51.42	10.28		
Total	6.00	122.86			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	27.36	8.52	3.21	0.02	5.47	49.26
x1	-0.32	0.12	-2.64	0.04	-0.62	-0.01

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	8.12	1.88	0.59	7.14	1
2	7.80	-2.80	-0.87	21.43	1
3	7.49	-1.49	-0.46	35.71	1
4	7.17	4.83	1.51	50.00	5
5	3.70	-2.70	-0.84	64.29	6
6	2.75	-1.75	-0.55	78.57	10
7	-1.03	2.03	0.63	92.86	12

Franklin's Gull

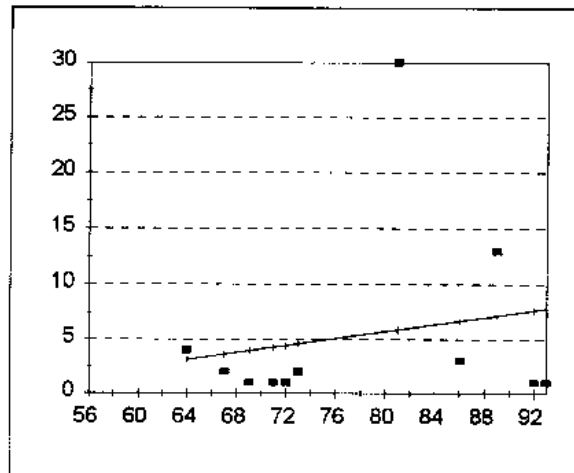
1 outlier removed

Trend Slope as % of Avg = 3.01%

Regression Statistics

Multiple R	0.19
R Square	0.04
Adjusted R Square	-0.07
Standard Error	9.20
Observations	11.00

CCW



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	29.29	29.29	0.35	0.57
Residual	9.00	761.25	84.58		
Total	10.00	790.55			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-7.22	21.56	-0.33	0.74	-56.00	41.56
x1	0.16	0.27	0.59	0.57	-0.46	0.78

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	4.25	-3.25	-0.35	4.55	1
2	3.92	-2.92	-0.32	13.64	1
3	4.41	-3.41	-0.37	22.73	1
4	7.64	-6.64	-0.72	31.82	1
5	7.80	-6.80	-0.74	40.91	1
6	3.60	-1.60	-0.17	50.00	2
7	4.57	-2.57	-0.28	59.09	2
8	6.67	-3.67	-0.40	68.18	3
9	3.12	0.88	0.10	77.27	4
10	7.15	5.85	0.64	86.36	13
11	5.86	24.14	2.62	95.45	30

Bonaparte's Gull

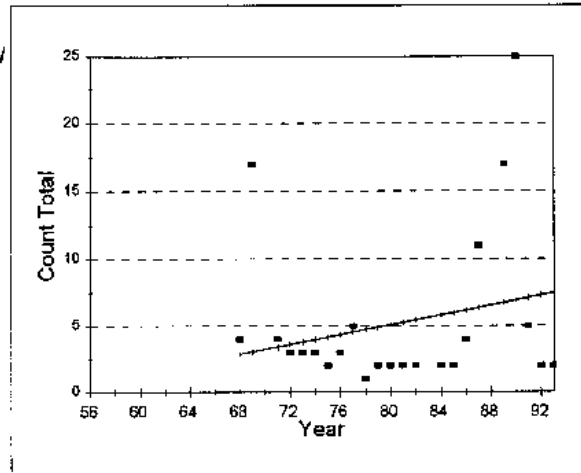
ANWR+CCW

1 outliers removed

Trend Slope as % of Avg = 3.71%

Regression Statistics

Multiple R	0.25
R Square	0.06
Adjusted R Square	0.02
Standard Error	5.96
Observations	25.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	54.49	54.49	1.53	0.23
Residual	23.00	817.51	35.54		
Total	24.00	872.00			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-9.74	11.96	-0.81	0.42	-34.49	15.01
x1	0.19	0.15	1.24	0.23	-0.12	0.50

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	2.49	-1.49	-0.25	2.00	1
2	3.24	-2.24	-0.37	6.00	1
3	4.72	-3.72	-0.62	10.00	1
4	7.50	-5.50	-0.92	14.00	2
5	7.31	-5.31	-0.89	18.00	2
6	4.16	-2.16	-0.36	22.00	2
7	5.83	-3.83	-0.64	26.00	2
8	5.46	-3.46	-0.58	30.00	2
9	5.27	-3.27	-0.55	34.00	2
10	4.90	-2.90	-0.49	38.00	2
11	6.02	-4.02	-0.67	42.00	2
12	5.09	-3.09	-0.52	46.00	2
13	4.35	-1.35	-0.23	50.00	3
14	3.61	-0.61	-0.10	54.00	3
15	3.79	-0.79	-0.13	58.00	3
16	3.98	-0.98	-0.16	62.00	3
17	2.86	1.14	0.19	66.00	4
18	6.20	-2.20	-0.37	70.00	4
19	3.42	0.58	0.10	74.00	4
20	4.53	0.47	0.08	78.00	5
21	7.13	-2.13	-0.36	82.00	5
22	6.39	4.61	0.77	86.00	11
23	6.76	10.24	1.72	90.00	17
24	3.05	13.95	2.34	94.00	17
25	6.94	18.06	3.03	98.00	25

Bonaparte's Gull

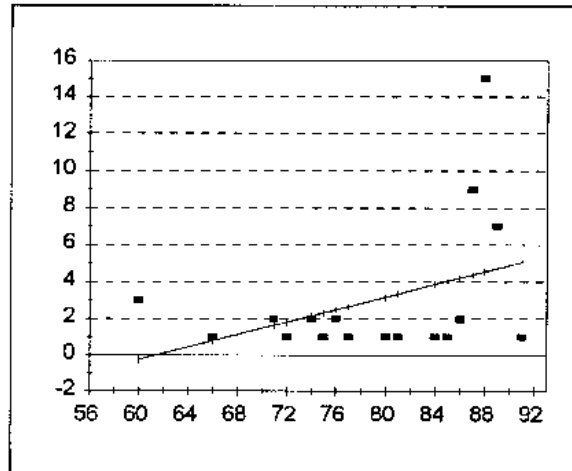
ANWR

1 outlier removed

Trend Slope as % of Avg = 5.69%

Regression Statistics

Multiple R	0.39
R Square	0.15
Adjusted R Square	0.09
Standard Error	3.66
Observations	17.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	34.99	34.99	2.61	0.13
Residual	15.00	201.01	13.40		
Total	16.00	236.00			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-10.48	8.39	-1.25	0.23	-28.35	7.40
x1	0.17	0.11	1.62	0.13	-0.05	0.40

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	-0.23	3.23	0.88	2.94	1
2	0.79	0.21	0.06	8.82	1
3	1.64	0.36	0.10	14.71	1
4	1.82	-0.82	-0.22	20.59	1
5	2.16	-0.16	-0.04	26.47	1
6	2.33	-1.33	-0.36	32.35	1
7	2.50	-0.50	-0.14	38.24	1
8	2.67	-1.67	-0.46	44.12	1
9	3.18	-2.18	-0.60	50.00	1
10	3.35	-2.35	-0.64	55.88	2
11	3.66	-2.86	-0.78	61.76	2
12	4.03	-3.03	-0.83	67.65	2
13	4.20	-2.20	-0.60	73.53	2
14	4.38	4.62	1.26	79.41	3
15	4.55	10.45	2.86	85.29	7
16	4.72	2.28	0.62	91.18	9
17	5.06	-4.06	-1.11	97.06	15

Bonaparte's Gull

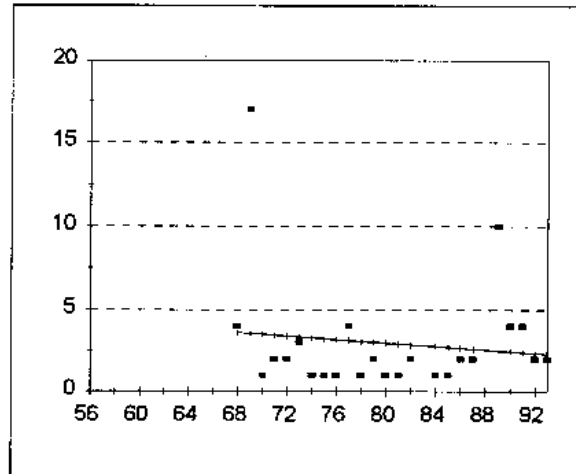
1 outlier removed

Trend Slope as % of Avg = -1.77%

Regression Statistics

Multiple R	0.11
R Square	0.01
Adjusted R Square	-0.03
Standard Error	3.63
Observations	24.00

CCW



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	3.81	3.81	0.29	0.60
Residual	22.00	289.15	13.14		
Total	23.00	292.96			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	7.14	7.81	0.91	0.37	-9.05	23.33
x1	-0.05	0.10	-0.54	0.60	-0.25	0.15

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	3.22	-2.22	-0.61	2.08	1
2	2.91	-1.91	-0.53	6.25	1
3	3.28	-2.28	-0.63	10.42	1
4	3.49	-2.49	-0.69	14.58	1
5	3.17	-2.17	-0.60	18.75	1
6	2.96	-1.96	-0.54	22.92	1
7	3.07	-2.07	-0.57	27.08	1
8	2.75	-1.75	-0.48	31.25	1
9	2.70	-1.70	-0.47	35.42	1
10	3.01	-1.01	-0.28	39.58	2
11	3.38	-1.38	-0.38	43.75	2
12	3.43	-1.43	-0.40	47.92	2
13	2.86	-0.86	-0.24	52.08	2
14	2.65	-0.65	-0.18	56.25	2
15	2.28	-0.28	-0.08	60.42	2
16	2.60	-0.60	-0.16	64.58	2
17	2.34	-0.34	-0.09	68.75	2
18	3.33	-0.33	-0.09	72.92	3
19	3.12	0.88	0.24	77.08	4
20	3.59	0.41	0.11	81.25	4
21	2.39	1.61	0.44	85.42	4
22	2.44	1.56	0.43	89.58	4
23	2.49	7.51	2.07	93.75	10
24	3.54	13.46	3.71	97.92	17

Ring-billed Gull

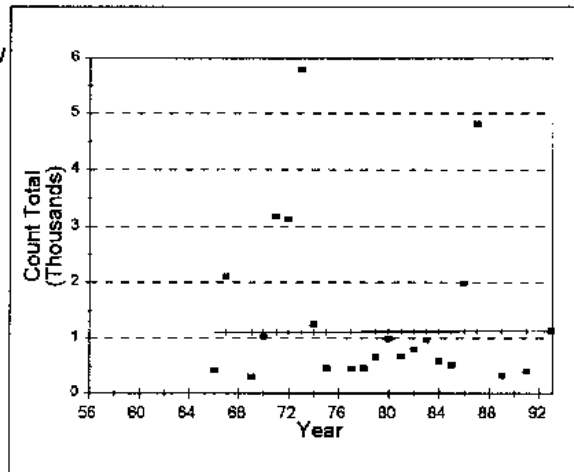
ANWR+CCW

1 outliers removed

Trend Slope as % of Avg = 0.08%

Regression Statistics

Multiple R	0.01
R Square	0.00
Adjusted R Square	-0.04
Standard Error	1425.55
Observations	30.00

**Analysis of Variance**

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	1783.79	1783.79	0.00	0.98
Residual	28.00	56901638.21	2032201.36		
Total	29.00	56903422.00			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	1051.71	2285.95	0.46	0.65	-3630.85	5734.28
x1	0.87	29.24	0.03	0.98	-59.03	60.76

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	1110.63	-1087.63	-0.76	1.67	23
2	1107.16	-1079.16	-0.76	5.00	28
3	1106.29	-1077.29	-0.76	8.33	29
4	1108.03	-866.03	-0.61	11.67	242
5	1131.42	-881.42	-0.62	15.00	250
6	1117.56	-857.56	-0.60	18.33	260
7	1129.68	-840.68	-0.59	21.67	289
8	1111.49	-805.49	-0.57	25.00	306
9	1128.82	-808.82	-0.57	28.33	320
10	1130.55	-728.55	-0.51	31.67	402
11	1108.89	-688.89	-0.48	35.00	420
12	1118.42	-672.42	-0.47	38.33	446
13	1116.69	-658.69	-0.46	41.67	458
14	1119.29	-657.29	-0.46	45.00	462
15	1125.35	-606.35	-0.43	48.33	519
16	1124.49	-538.49	-0.38	51.67	586
17	1120.16	-453.16	-0.32	55.00	667
18	1121.89	-448.89	-0.31	58.33	673
19	1122.75	-322.75	-0.23	61.67	800
20	1123.62	-161.62	-0.11	65.00	962
21	1121.02	-134.02	-0.09	68.33	987
22	1112.36	-80.36	-0.06	71.67	1032
23	1132.28	1.72	0.00	75.00	1134
24	1115.82	145.18	0.10	78.33	1261
25	1126.22	860.78	0.60	81.67	1987
26	1109.76	997.24	0.70	85.00	2107
27	1114.09	2019.91	1.42	88.33	3134
28	1113.22	2067.78	1.45	91.67	3181
29	1127.09	3682.91	2.58	95.00	4810
30	1114.96	4680.04	3.28	98.33	5795

Ring-billed Gull

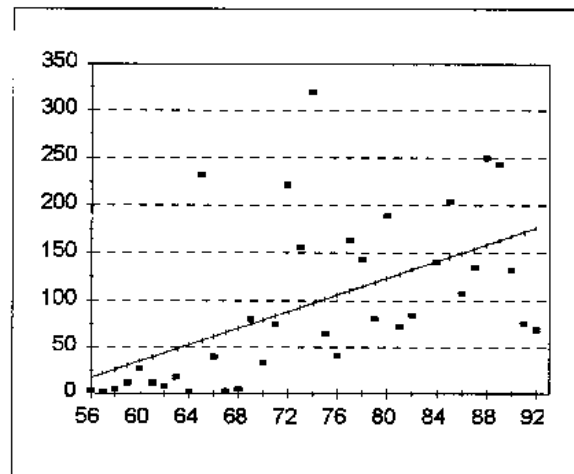
ANWR

2 outliers removed

Trend Slope as % of Avg = 4.61%

Regression Statistics

Multiple R	0.55
R Square	0.31
Adjusted R Square	0.29
Standard Error	73.24
Observations	36.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	80669.04	80669.04	15.04	0.00
Residual	34.00	182375.71	5363.99		
Total	35.00	263044.75			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-229.84	84.88	-2.71	0.01	-402.34	-57.34
x1	4.42	1.14	3.88	0.00	2.10	6.73

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	17.51	-13.51	-0.18	1.39	2
2	21.93	-19.93	-0.27	4.17	2
3	26.35	-21.35	-0.29	6.94	3
4	30.77	-18.77	-0.26	9.72	4
5	35.18	-8.18	-0.11	12.50	5
6	39.60	-27.60	-0.38	15.28	5
7	44.02	-36.02	-0.49	18.06	8
8	48.43	-30.43	-0.42	20.83	12
9	52.85	-50.85	-0.69	23.61	12
10	57.27	174.73	2.39	26.39	18
11	61.68	-21.68	-0.30	29.17	27
12	66.10	-63.10	-0.86	31.94	33
13	70.52	-65.52	-0.89	34.72	40
14	74.94	5.06	0.07	37.50	41
15	79.35	-46.35	-0.63	40.28	65
16	83.77	-8.77	-0.12	43.06	69
17	88.19	133.81	1.83	45.83	72
18	92.60	63.40	0.87	48.61	75
19	97.02	221.98	3.03	51.39	76
20	101.44	-36.44	-0.50	54.17	80
21	105.85	-64.85	-0.89	56.94	81
22	110.27	53.73	0.73	59.72	85
23	114.69	28.31	0.39	62.50	108
24	119.11	-38.11	-0.52	65.28	132
25	123.52	65.48	0.89	68.06	135
26	127.94	-55.94	-0.76	70.83	141
27	132.36	-47.36	-0.65	73.61	143
28	141.19	-0.19	-0.00	76.39	156
29	145.61	58.39	0.80	79.17	164
30	150.03	-42.03	-0.57	81.94	189
31	154.44	-19.44	-0.27	84.72	204
32	158.86	91.14	1.24	87.50	222
33	163.28	79.72	1.09	90.28	232
34	167.69	-35.69	-0.49	93.06	243
35	172.11	-96.11	-1.31	95.83	250
36	176.53	-107.53	-1.47	98.61	319

Ring-billed Gull

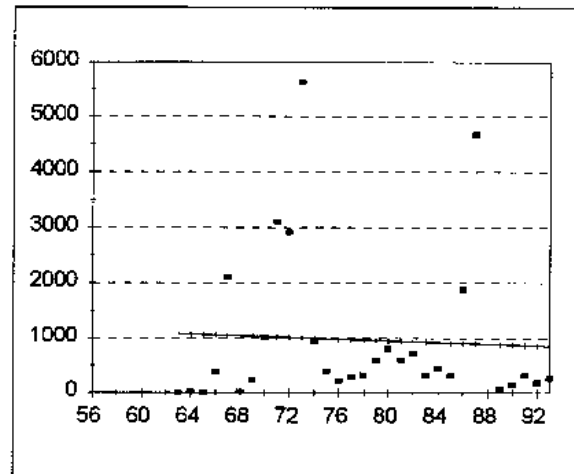
1 outlier removed

Trend Slope as % of Avg = -0.78%

Regression Statistics

Multiple R	0.05
R Square	0.00
Adjusted R Square	-0.03
Standard Error	1422.46
Observations	30.00

CCW



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	135559.00	135559.00	0.07	0.80
Residual	28.00	56655166.36	2023398.80		
Total	29.00	56790725.37			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	1551.13	2281.00	0.68	0.50	-3121.28	6223.54
x1	-7.55	29.18	-0.26	0.80	-67.32	52.22

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	1060.23	-1050.23	-0.74	1.67	10
2	1075.33	-1064.33	-0.75	5.00	11
3	1037.57	-1019.57	-0.72	8.33	18
4	1067.78	-1041.78	-0.73	11.67	26
5	878.97	-801.97	-0.56	15.00	77
6	871.42	-714.42	-0.50	18.33	157
7	856.32	-675.32	-0.47	21.67	181
8	977.15	-758.15	-0.53	25.00	219
9	1030.02	-804.02	-0.57	28.33	226
10	848.76	-574.76	-0.40	31.67	274
11	969.60	-687.60	-0.48	35.00	282
12	909.18	-594.18	-0.42	38.33	315
13	962.05	-643.05	-0.45	41.67	319
14	924.29	-602.29	-0.42	45.00	322
15	863.87	-537.87	-0.38	48.33	326
16	1052.68	-672.68	-0.47	51.67	380
17	984.71	-591.71	-0.42	55.00	393
18	916.74	-471.74	-0.33	58.33	445
19	954.50	-368.50	-0.26	61.67	586
20	939.39	-338.39	-0.24	65.00	601
21	931.84	-216.84	-0.15	68.33	715
22	946.94	-148.94	-0.10	71.67	798
23	992.26	-50.26	-0.04	75.00	942
24	1022.47	-23.47	-0.02	78.33	999
25	901.63	977.37	0.69	81.67	1879
26	1045.12	1058.88	0.74	85.00	2104
27	1007.36	1904.64	1.34	88.33	2912
28	1014.92	2091.08	1.47	91.67	3106
29	894.08	3780.92	2.66	95.00	4675
30	999.81	4639.19	3.26	98.33	5639

Herring Gull

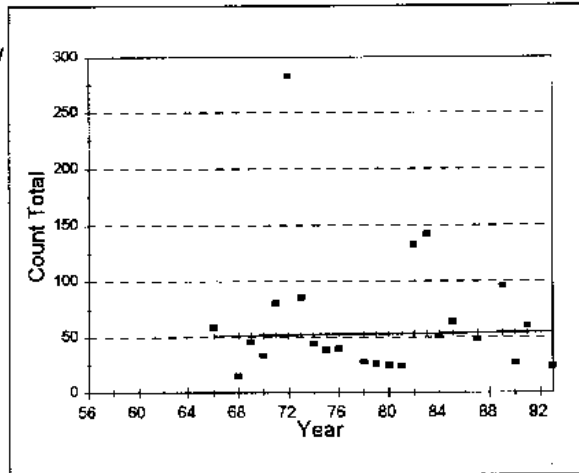
ANWR+CCW

2 outliers removed

Trend Slope as % of Avg = 0.23%

Regression Statistics

Multiple R	0.02
R Square	0.00
Adjusted R Square	-0.04
Standard Error	57.44
Observations	29.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	32.76	32.76	0.01	0.92
Residual	27.00	89084.21	3299.42		
Total	28.00	89116.97			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	43.46	96.01	0.45	0.65	-153.54	240.46
x1	0.12	1.22	0.10	0.92	-2.38	2.63

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	51.13	-45.13	-0.79	1.72	6
2	51.25	-43.25	-0.75	5.17	8
3	51.61	-41.61	-0.72	8.62	10
4	53.93	-42.93	-0.75	12.07	11
5	54.66	-42.66	-0.74	15.52	12
6	52.83	-39.83	-0.69	18.97	13
7	51.74	-36.74	-0.64	22.41	15
8	54.78	-30.78	-0.54	25.86	24
9	53.32	-29.32	-0.51	29.31	24
10	53.20	-28.20	-0.49	32.76	25
11	53.07	-27.07	-0.47	36.21	26
12	54.41	-27.41	-0.48	39.66	27
13	52.95	-24.95	-0.43	43.10	28
14	51.98	-17.98	-0.31	46.55	34
15	52.59	-13.59	-0.24	50.00	39
16	52.71	-12.71	-0.22	53.45	40
17	52.47	-8.47	-0.15	56.90	44
18	51.86	-5.86	-0.10	60.34	46
19	54.05	-6.05	-0.11	63.79	48
20	53.68	-2.68	-0.05	67.24	51
21	51.49	7.51	0.13	70.69	59
22	54.54	6.46	0.11	74.14	61
23	53.81	10.19	0.18	77.59	64
24	52.10	28.90	0.50	81.03	81
25	52.34	33.66	0.59	84.48	86
26	54.29	41.71	0.73	87.93	96
27	53.44	79.56	1.39	91.38	133
28	53.56	88.44	1.54	94.83	142
29	52.22	230.78	4.02	98.28	283

Herring Gull

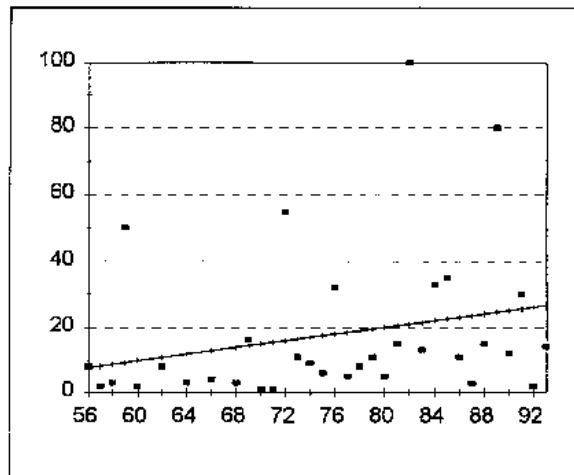
ANWR

1 outlier removed

Trend Slope as % of Avg = 2.88%

Regression Statistics

Multiple R	0.25
R Square	0.06
Adjusted R Square	0.03
Standard Error	22.57
Observations	34.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	1071.03	1071.03	2.10	0.16
Residual	32.00	16293.91	509.18		
Total	33.00	17364.94			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-21.09	27.11	-0.78	0.44	-76.31	34.13
x1	0.51	0.35	1.45	0.16	-0.21	1.24

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	14.88	-13.88	-0.61	1.47	1
2	15.39	-14.39	-0.64	4.41	1
3	9.74	-7.74	-0.34	7.35	2
4	8.20	-6.20	-0.27	10.29	2
5	26.18	-24.18	-1.07	13.24	2
6	13.85	-10.85	-0.48	16.18	3
7	23.61	-20.61	-0.91	19.12	3
8	8.71	-5.71	-0.25	22.06	3
9	11.79	-8.79	-0.39	25.00	3
10	12.82	-8.82	-0.39	27.94	4
11	18.47	-13.47	-0.60	30.88	5
12	20.01	-15.01	-0.67	33.82	5
13	17.45	-11.45	-0.51	36.76	6
14	18.99	-10.99	-0.49	39.71	8
15	10.77	-2.77	-0.12	42.65	8
16	7.68	0.32	0.01	45.59	8
17	16.93	-7.93	-0.35	48.53	9
18	19.50	-8.50	-0.38	51.47	11
19	16.42	-5.42	-0.24	54.41	11
20	23.10	-12.10	-0.54	57.35	11
21	25.15	-13.15	-0.58	60.29	12
22	21.56	-8.56	-0.38	63.24	13
23	26.69	-12.69	-0.56	66.18	14
24	24.13	-9.13	-0.40	69.12	15
25	20.53	-5.53	-0.25	72.06	15
26	14.36	1.64	0.07	75.00	16
27	25.67	4.33	0.19	77.94	30
28	17.96	14.04	0.62	80.88	32
29	22.07	10.93	0.48	83.82	33
30	22.58	12.42	0.55	86.76	35
31	9.22	40.78	1.81	89.71	50
32	15.90	39.10	1.73	92.65	55
33	24.64	55.36	2.45	95.59	80
34	21.04	78.96	3.50	98.53	100

Herring Gull

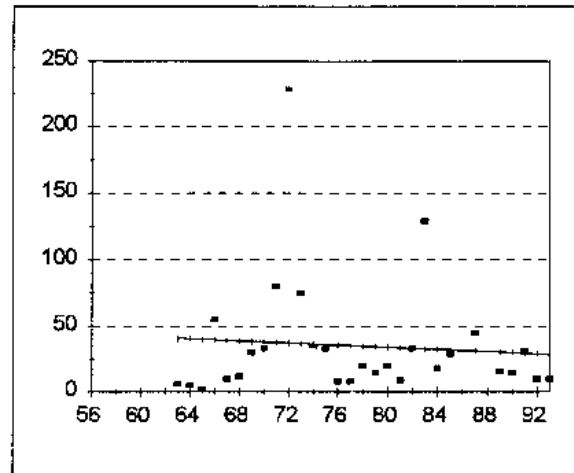
CCW

1 outlier removed

Trend Slope as % of Avg = -1.13%

Regression Statistics

Multiple R	0.08
R Square	0.01
Adjusted R Square	-0.03
Standard Error	46.83
Observations	29.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	366.35	366.35	0.17	0.69
Residual	27.00	59199.79	2192.58		
Total	28.00	59566.14			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	66.02	75.97	0.87	0.39	-89.86	221.90
x1	-0.40	0.98	-0.41	0.69	-2.40	1.60

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	40.11	-38.11	-0.81	1.72	2
2	40.51	-35.51	-0.76	5.17	5
3	40.91	-34.91	-0.75	8.62	6
4	35.32	-27.32	-0.58	12.07	8
5	35.72	-27.72	-0.59	15.52	8
6	33.73	-24.73	-0.53	18.97	9
7	29.34	-19.34	-0.41	22.41	10
8	28.94	-18.94	-0.40	25.86	10
9	39.31	-29.31	-0.63	29.31	10
10	38.91	-26.91	-0.57	32.76	12
11	30.14	-15.14	-0.32	36.21	15
12	34.53	-19.53	-0.42	39.66	15
13	30.54	-14.54	-0.31	43.10	16
14	32.53	-14.53	-0.31	46.55	18
15	34.92	-14.92	-0.32	50.00	20
16	34.13	-14.13	-0.30	53.45	20
17	32.13	-3.13	-0.07	56.90	29
18	38.51	-8.51	-0.18	60.34	30
19	29.74	1.26	0.03	63.79	31
20	33.33	-0.33	-0.01	67.24	33
21	36.12	-3.12	-0.07	70.69	33
22	38.11	-5.11	-0.11	74.14	33
23	36.52	-1.52	-0.03	77.59	35
24	31.34	13.66	0.29	81.03	45
25	39.71	15.29	0.33	84.48	55
26	36.92	38.08	0.81	87.93	75
27	37.72	42.28	0.90	91.38	80
28	32.93	96.07	2.05	94.83	129
29	37.32	190.68	4.07	98.28	228

Gull-billed Tern

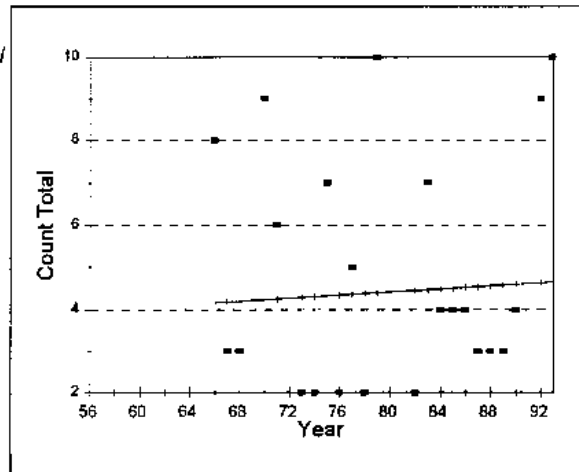
ANWR+CCW

2 outliers removed

Trend Slope as % of Avg = 0.40%

Regression Statistics

Multiple R	0.05
R Square	0.00
Adjusted R Square	-0.04
Standard Error	2.84
Observations	27.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	0.58	0.58	0.07	0.79
Residual	25.00	201.93	8.08		
Total	26.00	202.52			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	3.00	5.26	0.57	0.57	-7.84	13.84
x1	0.02	0.07	0.27	0.79	-0.12	0.15

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	4.61	-3.61	-1.27	1.85	1
2	4.43	-2.43	-0.86	5.56	2
3	4.41	-2.41	-0.85	9.26	2
4	4.15	-2.15	-0.76	12.96	2
5	4.31	-2.31	-0.81	16.67	2
6	4.34	-2.34	-0.82	20.37	2
7	4.29	-2.29	-0.81	24.07	2
8	4.45	-2.45	-0.86	27.78	2
9	4.38	-2.38	-0.84	31.48	2
10	4.57	-1.57	-0.55	35.19	3
11	4.20	-1.20	-0.42	38.89	3
12	4.54	-1.54	-0.54	42.59	3
13	4.56	-1.56	-0.55	46.30	3
14	4.18	-1.18	-0.42	50.00	3
15	4.59	-0.59	-0.21	53.70	4
16	4.52	-0.52	-0.18	57.41	4
17	4.50	-0.50	-0.16	61.11	4
18	4.48	-0.48	-0.17	64.81	4
19	4.36	0.64	0.22	68.52	5
20	4.25	1.75	0.61	72.22	6
21	4.33	2.67	0.94	75.93	7
22	4.47	2.53	0.89	79.63	7
23	4.17	3.83	1.35	83.33	8
24	4.63	4.37	1.54	87.04	9
25	4.24	4.76	1.68	90.74	9
26	4.40	5.60	1.97	94.44	10
27	4.64	5.36	1.88	98.15	10

Gull-billed Tern

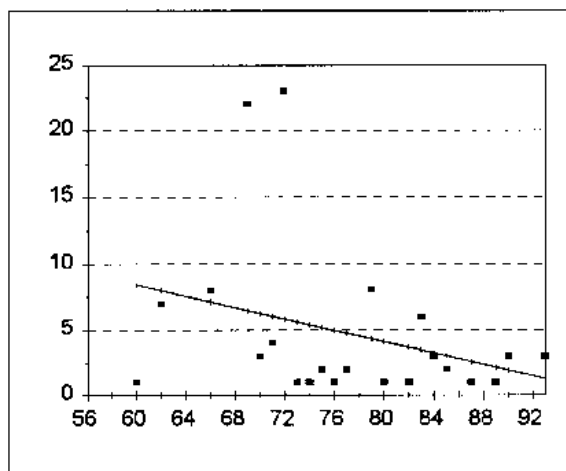
ANVVR

1 outlier removed

Trend Slope as % of Avg = -4.57%

Regression Statistics

Multiple R	0.31
R Square	0.10
Adjusted R Square	0.05
Standard Error	6.03
Observations	22.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	79.13	79.13	2.18	0.16
Residual	20.00	727.24	36.36		
Total	21.00	806.36			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	21.40	11.37	1.88	0.07	-2.33	45.12
x1	-0.22	0.15	-1.48	0.16	-0.52	0.09

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	5.62	-4.62	-0.77	2.27	1
2	8.43	-7.43	-1.23	6.82	1
3	5.41	-4.41	-0.73	11.36	1
4	3.68	-2.68	-0.44	15.91	1
5	4.97	-3.97	-0.66	20.45	1
6	4.11	-3.11	-0.52	25.00	1
7	2.60	-1.60	-0.26	29.55	1
8	2.16	-1.16	-0.19	34.09	1
9	4.76	-2.76	-0.46	38.64	2
10	5.19	-3.19	-0.53	43.18	2
11	3.03	-1.03	-0.17	47.73	2
12	3.24	-0.24	-0.04	52.27	3
13	1.95	1.05	0.17	56.82	3
14	1.30	1.70	0.28	61.36	3
15	6.27	-3.27	-0.54	65.91	3
16	6.05	-2.05	-0.34	70.45	4
17	3.46	2.54	0.42	75.00	6
18	8.00	-1.00	-0.17	79.55	7
19	7.13	0.87	0.14	84.09	8
20	4.32	3.68	0.61	88.64	8
21	6.49	15.51	2.57	93.18	22
22	5.84	17.16	2.85	97.73	23

Gull-billed Tern

Data Corrected:
Count/(Party Hours^B)
where B = .46

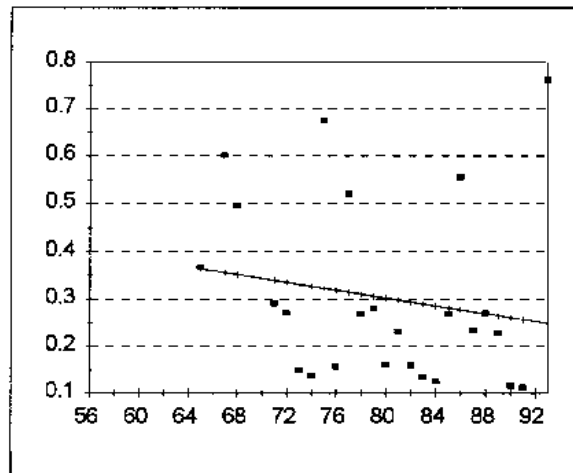
2 outliers removed

Trend Slope as % of Avg = -1.57%

Regression Statistics

Multiple R	0.17
R Square	0.03
Adjusted R Square	-0.01
Standard Error	0.19
Observations	25.00

CCW



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	0.03	0.03	0.70	0.41
Residual	23.00	0.83	0.04		
Total	24.00	0.85			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	0.63	0.39	1.61	0.12	-0.18	1.44
x1	-0.00	0.00	-0.84	0.41	-0.01	0.01

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	0.26	-0.14	-0.76	2.00	0
2	0.26	-0.14	-0.76	6.00	0
3	0.29	-0.16	-0.85	10.00	0
4	0.29	-0.15	-0.81	14.00	0
5	0.33	-0.19	-0.99	18.00	0
6	0.33	-0.18	-0.96	22.00	0
7	0.32	-0.16	-0.85	26.00	0
8	0.29	-0.13	-0.70	30.00	0
9	0.30	-0.14	-0.74	34.00	0
10	0.27	-0.04	-0.19	38.00	0
11	0.30	-0.07	-0.35	42.00	0
12	0.27	-0.04	-0.20	46.00	0
13	0.31	-0.04	-0.22	50.00	0
14	0.28	-0.01	-0.06	54.00	0
15	0.27	0.00	0.01	58.00	0
16	0.34	-0.06	-0.34	62.00	0
17	0.31	-0.02	-0.13	66.00	0
18	0.34	-0.05	-0.25	70.00	0
19	0.36	0.00	0.01	74.00	0
20	0.35	0.14	0.76	78.00	0
21	0.31	0.21	1.09	82.00	1
22	0.28	0.28	1.47	86.00	1
23	0.36	0.25	1.29	90.00	1
24	0.32	0.35	1.85	94.00	1
25	0.25	0.51	2.71	98.00	1

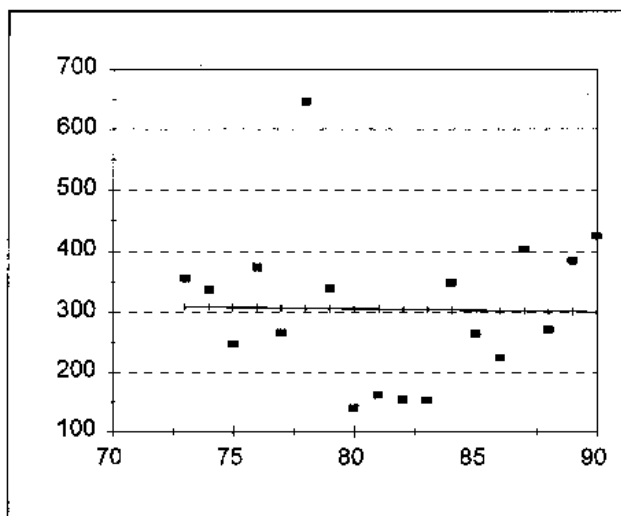
Gull-billed Tern

TCWS

Trend Slope as % of Avg = -0.14%

Regression Statistics

Multiple R	0.02
R Square	0.00
Adjusted R Square	-0.06
Standard Error	128.75
Observations	18.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	88.44	88.44	0.01	0.94
Residual	16.00	265215.56	16575.97		
Total	17.00	265304.00			

	Coefficients	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	340.15	477.67	0.71	0.49	-672.46	1352.77
x1	-0.43	5.85	-0.07	0.94	-12.83	11.97

Observations	Predicted Y	Residuals	Stdz Residuals	Percentile	y
1	305.97	-165.97	-1.29	2.78	140
2	304.69	-151.69	-1.18	8.33	153
3	305.12	-151.12	-1.17	13.89	154
4	305.55	-143.55	-1.11	19.44	162
5	303.41	-79.41	-0.62	25.00	224
6	308.11	-61.11	-0.47	30.56	247
7	303.84	-38.84	-0.30	36.11	265
8	307.26	-41.26	-0.32	41.67	266
9	302.56	-30.56	-0.24	47.22	272
10	308.54	28.46	0.22	52.78	337
11	306.40	32.60	0.25	58.33	339
12	304.27	43.73	0.34	63.89	348
13	308.96	47.04	0.37	69.44	356
14	307.68	66.32	0.52	75.00	374
15	302.13	82.87	0.64	80.56	385
16	302.98	101.02	0.78	86.11	404
17	301.70	123.30	0.96	91.67	425
18	306.83	338.17	2.63	97.22	645

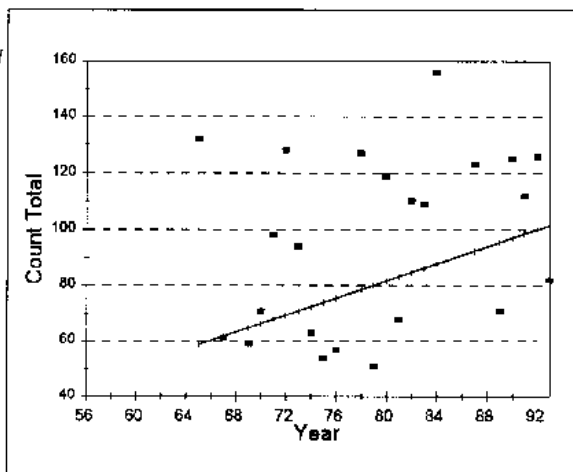
Caspian Tern

ANWR+CCW

Trend Slope as % of Avg = 1.93%

Regression Statistics

Multiple R	0.33
R Square	0.11
Adjusted R Square	0.08
Standard Error	39.18
Observations	30.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	5271.35	5271.35	3.43	0.07
Residual	28.00	42977.85	1534.92		
Total	29.00	48249.20			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-40.82	65.27	-0.63	0.54	-174.51	92.87
x1	1.53	0.83	1.85	0.07	-0.16	3.22

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	Y
1	57.19	-51.19	-1.31	1.67	6
2	60.26	-44.26	-1.13	5.00	16
3	77.10	-57.10	-1.46	8.33	20
4	89.35	-56.35	-1.44	11.67	33
5	63.32	-30.32	-0.77	15.00	33
6	90.89	-57.89	-1.48	18.33	33
7	93.95	-48.95	-1.25	21.67	45
8	80.17	-29.17	-0.74	25.00	51
9	74.04	-20.04	-0.51	28.33	54
10	75.57	-18.57	-0.47	31.67	57
11	64.85	-5.85	-0.15	35.00	59
12	61.79	-0.79	-0.02	38.33	61
13	72.51	-9.51	-0.24	41.67	63
14	83.23	-15.23	-0.39	45.00	68
15	66.38	4.62	0.12	48.33	71
16	95.48	-24.48	-0.62	51.67	71
17	101.61	-19.61	-0.50	55.00	82
18	70.98	23.02	0.59	58.33	94
19	67.91	30.09	0.77	61.67	98
20	86.29	22.71	0.58	65.00	109
21	84.76	25.24	0.64	68.33	110
22	98.54	13.46	0.34	71.67	112
23	81.70	37.30	0.95	75.00	119
24	92.42	30.58	0.78	78.33	123
25	97.01	27.99	0.71	81.67	125
26	100.07	25.93	0.66	85.00	126
27	78.63	48.37	1.23	88.33	127
28	69.45	58.55	1.49	91.67	128
29	58.73	73.27	1.87	95.00	132
30	87.82	68.18	1.74	98.33	156

Caspian Tern

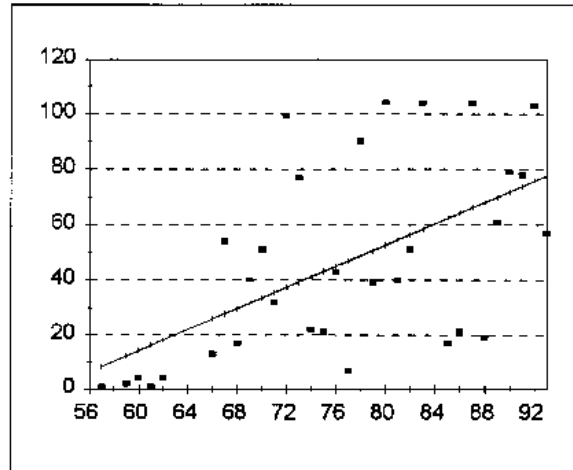
ANWR

2 outliers removed

Trend Slope as % of Avg = 4.22%

Regression Statistics

Multiple R	0.57
R Square	0.33
Adjusted R Square	0.31
Standard Error	29.24
Observations	32.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	12651.00	12651.00	14.80	0.00
Residual	30.00	25646.97	854.90		
Total	31.00	38297.97			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-101.02	38.43	-2.63	0.01	-179.50	-22.54
x1	1.92	0.50	3.85	0.00	0.90	2.94

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	16.12	-15.12	-0.52	1.56	1
2	8.44	-7.44	-0.25	4.69	1
3	12.28	-10.28	-0.35	7.81	2
4	14.20	-10.20	-0.35	10.94	4
5	18.04	-14.04	-0.48	14.06	4
6	46.85	-39.85	-1.36	17.19	7
7	25.72	-12.72	-0.44	20.31	13
8	29.57	-12.57	-0.43	23.44	17
9	62.21	-45.21	-1.55	26.56	17
10	67.97	-48.97	-1.67	29.69	19
11	64.13	-43.13	-1.48	32.81	21
12	43.01	-22.01	-0.75	35.94	21
13	41.09	-19.09	-0.65	39.06	22
14	35.33	-3.33	-0.11	42.19	32
15	50.69	-11.69	-0.40	45.31	39
16	54.53	-14.53	-0.50	48.44	40
17	31.49	8.51	0.29	51.56	40
18	44.93	-1.93	-0.07	54.69	43
19	56.45	-5.45	-0.19	57.81	51
20	33.41	17.59	0.60	60.94	51
21	27.65	26.35	0.90	64.06	54
22	77.57	-20.57	-0.70	67.19	57
23	69.89	-8.89	-0.30	70.31	61
24	39.17	37.83	1.29	73.44	77
25	73.73	4.27	0.15	76.56	78
26	71.81	7.19	0.25	79.69	79
27	48.77	41.23	1.41	82.81	90
28	37.25	61.75	2.11	85.94	99
29	75.65	27.35	0.94	89.06	103
30	66.05	37.95	1.30	92.19	104
31	52.61	51.39	1.76	95.31	104
32	58.37	45.63	1.56	98.44	104

Caspian Tern

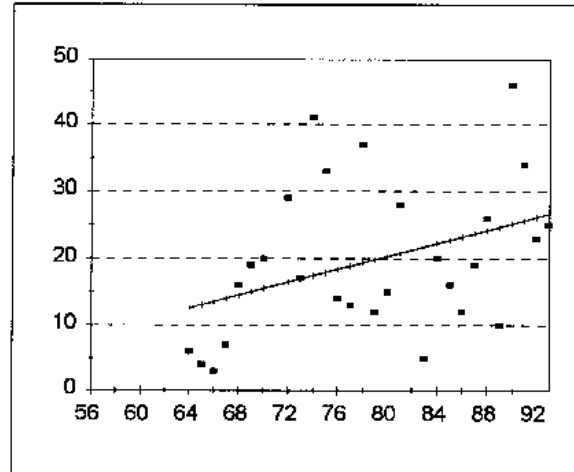
CCW

2 outliers removed

Trend Slope as % of Avg = 2.46%

Regression Statistics

Multiple R	0.38
R Square	0.15
Adjusted R Square	0.11
Standard Error	10.72
Observations	28.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	510.38	510.38	4.44	0.04
Residual	26.00	2988.05	114.93		
Total	27.00	3498.43			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-18.42	18.18	-1.01	0.32	-55.79	18.94
x1	0.48	0.23	2.11	0.04	0.01	0.96

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	13.52	-10.52	-0.98	1.79	3
2	13.04	-9.04	-0.84	5.36	4
3	21.75	-16.75	-1.56	8.93	5
4	12.56	-6.56	-0.61	12.50	6
5	14.01	-7.01	-0.65	16.07	7
6	24.66	-14.66	-1.37	19.64	10
7	19.82	-7.82	-0.73	23.21	12
8	23.20	-11.20	-1.05	26.79	12
9	18.85	-5.85	-0.55	30.36	13
10	18.36	-4.36	-0.41	33.93	14
11	20.30	-5.30	-0.49	37.50	15
12	22.72	-6.72	-0.63	41.07	16
13	14.49	1.51	0.14	44.64	16
14	16.91	0.09	0.01	48.21	17
15	14.98	4.02	0.38	51.79	19
16	23.69	-4.69	-0.44	55.36	19
17	22.24	-2.24	-0.21	58.93	20
18	15.46	4.54	0.42	62.50	20
19	26.11	-3.11	-0.29	66.07	23
20	26.59	-1.59	-0.15	69.64	25
21	24.17	1.83	0.17	73.21	26
22	20.78	7.22	0.67	76.79	28
23	16.43	12.57	1.17	80.36	29
24	17.88	15.12	1.41	83.93	33
25	25.62	8.38	0.78	87.50	34
26	19.33	17.67	1.65	91.07	37
27	17.40	23.60	2.20	94.64	41
28	25.14	20.86	1.95	98.21	46

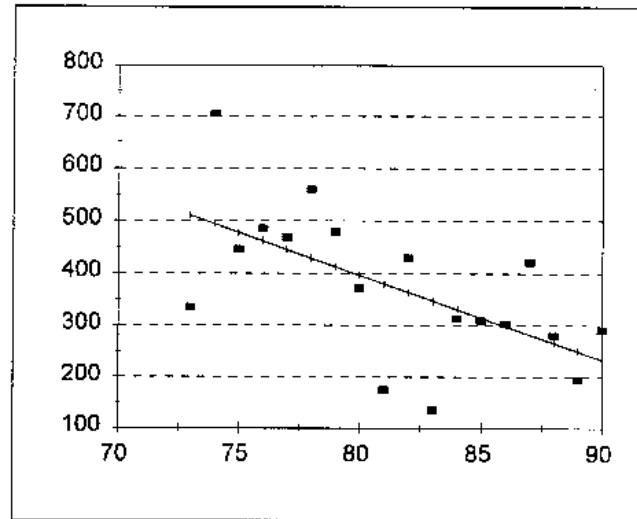
Caspian Tern

TCWS

Trend Slope as % of Avg = -4.38%

Regression Statistics

Multiple R	0.61
R Square	0.37
Adjusted R Square	0.33
Standard Error	116.46
Observations	18.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	128601.33	128601.33	9.48	0.01
Residual	16.00	217024.95	13564.06		
Total	17.00	345626.28			

	Coefficients	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	1700.19	432.10	3.93	0.00	784.18	2616.20
x1	-16.29	5.29	-3.08	0.01	-27.51	-5.08

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	347.95	-212.95	-1.83	2.78	135
2	380.53	-205.53	-1.76	8.33	175
3	250.20	-56.20	-0.48	13.89	194
4	266.49	14.51	0.12	19.44	281
5	233.91	56.09	0.48	25.00	290
6	299.07	4.93	0.04	30.56	304
7	315.37	-5.37	-0.05	36.11	310
8	331.66	-17.66	-0.15	41.67	314
9	510.87	-175.87	-1.51	47.22	335
10	396.83	-25.83	-0.22	52.78	371
11	282.78	138.22	1.19	58.33	421
12	364.24	65.76	0.56	63.89	430
13	478.29	-32.29	-0.28	69.44	446
14	445.70	22.30	0.19	75.00	468
15	413.12	65.88	0.57	80.56	479
16	462.00	24.00	0.21	86.11	486
17	429.41	129.59	1.11	91.67	559
18	494.58	210.42	1.81	97.22	705

Royal Tern

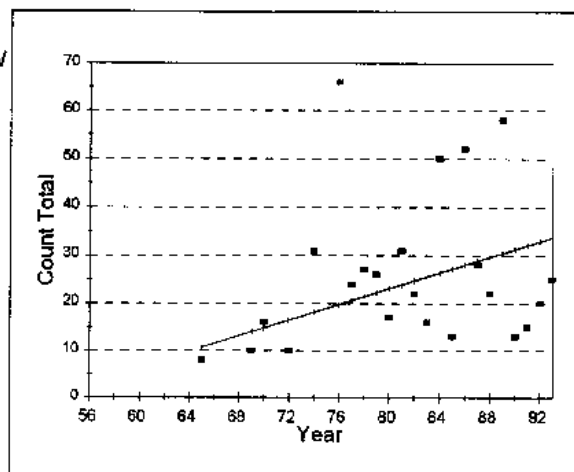
ANWR+CCW

2 outliers removed

Trend Slope as % of Avg = 3.63%

Regression Statistics

Multiple R	0.42
R Square	0.17
Adjusted R Square	0.14
Standard Error	15.69
Observations	27.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	1293.14	1293.14	5.25	0.03
Residual	25.00	6155.15	246.21		
Total	26.00	7448.30			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-42.65	28.64	-1.49	0.15	-101.64	16.34
x1	0.82	0.36	2.29	0.03	0.08	1.56

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	13.17	-12.17	-0.78	1.85	1
2	9.89	-8.89	-0.57	5.56	1
3	17.28	-13.28	-0.85	9.26	4
4	15.64	-10.64	-0.68	12.96	5
5	10.71	-2.71	-0.17	16.67	8
6	13.99	-3.99	-0.25	20.37	10
7	16.46	-6.46	-0.41	24.07	10
8	31.23	-18.23	-1.16	27.78	13
9	27.13	-14.13	-0.90	31.48	13
10	32.06	-17.06	-1.09	35.19	15
11	25.49	-9.49	-0.60	38.89	16
12	14.82	1.18	0.08	42.59	16
13	23.02	-6.02	-0.38	46.30	17
14	32.88	-12.88	-0.82	50.00	20
15	24.67	-2.67	-0.17	53.70	22
16	29.59	-7.59	-0.48	57.41	22
17	20.56	3.44	0.22	61.11	24
18	33.70	-8.70	-0.55	64.81	25
19	22.20	3.80	0.24	68.52	26
20	21.38	5.62	0.36	72.22	27
21	28.77	-0.77	-0.05	75.93	28
22	18.10	12.90	0.82	79.63	31
23	23.85	7.15	0.46	83.33	31
24	26.31	23.69	1.51	87.04	50
25	27.95	24.05	1.53	90.74	52
26	30.41	27.59	1.76	94.44	58
27	19.74	46.26	2.95	98.15	66

Royal Tern

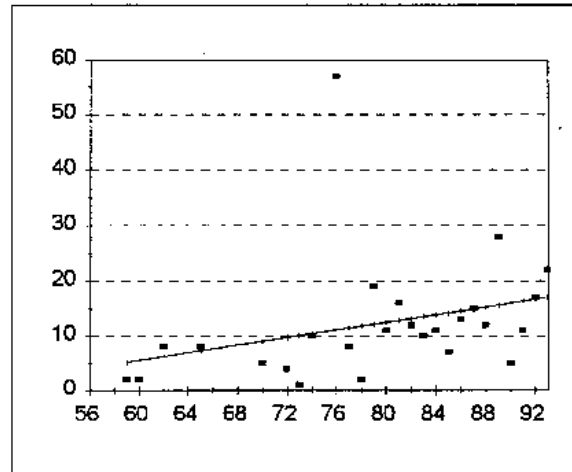
ANVVR

2 outliers removed

Trend Slope as % of Avg = 2.88%

Regression Statistics

Multiple R	0.31
R Square	0.10
Adjusted R Square	0.06
Standard Error	10.89
Observations	26.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	301.82	301.82	2.55	0.12
Residual	24.00	2845.57	118.57		
Total	25.00	3147.38			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-15.51	17.47	-0.89	0.38	-51.57	20.55
x1	0.35	0.22	1.60	0.12	-0.10	0.80

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	10.03	-9.03	-0.83	1.92	1
2	5.13	-3.13	-0.29	5.77	2
3	5.48	-3.48	-0.32	9.62	2
4	11.78	-9.78	-0.90	13.46	2
5	9.68	-5.68	-0.52	17.31	4
6	15.98	-10.98	-1.01	21.15	5
7	8.98	-3.98	-0.37	25.00	5
8	14.23	-7.23	-0.66	28.85	7
9	7.23	0.77	0.07	32.69	8
10	11.43	-3.43	-0.31	36.54	8
11	6.18	1.82	0.17	40.38	8
12	13.53	-3.53	-0.32	44.23	10
13	10.38	-0.38	-0.03	48.08	10
14	16.33	-5.33	-0.49	51.92	11
15	13.88	-2.88	-0.26	55.77	11
16	12.48	-1.48	-0.14	59.62	11
17	13.18	-1.18	-0.11	63.46	12
18	15.28	-3.28	-0.30	67.31	12
19	14.58	-1.58	-0.14	71.15	13
20	14.93	0.07	0.01	75.00	15
21	12.83	3.17	0.29	78.85	16
22	16.68	0.32	0.03	82.69	17
23	12.13	6.87	0.63	86.54	19
24	17.02	4.98	0.46	90.38	22
25	15.63	12.37	1.14	94.23	28
26	11.08	45.92	4.22	98.08	57

Royal Tern

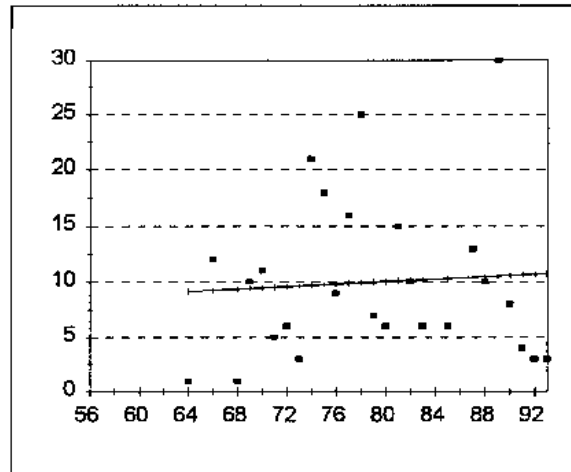
CCW

2 outliers removed

Trend Slope as % of Avg = 0.57%

Regression Statistics

Multiple R	0.07
R Square	0.00
Adjusted R Square	-0.04
Standard Error	7.44
Observations	26.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	5.98	5.98	0.11	0.75
Residual	24.00	1326.98	55.29		
Total	25.00	1332.96			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	5.46	13.76	0.40	0.69	-22.94	33.86
x1	0.06	0.17	0.33	0.74	-0.30	0.41

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	9.11	-8.11	-1.09	1.92	1
2	9.34	-8.34	-1.12	5.77	1
3	10.76	-7.76	-1.04	9.62	3
4	10.70	-7.70	-1.04	13.46	3
5	9.62	-6.62	-0.89	17.31	3
6	10.65	-6.65	-0.89	21.15	4
7	9.51	-4.51	-0.61	25.00	5
8	9.56	-3.56	-0.48	28.85	6
9	10.19	-4.19	-0.56	32.69	6
10	10.02	-4.02	-0.54	36.54	6
11	10.31	-4.31	-0.58	40.38	6
12	9.96	-2.96	-0.40	44.23	7
13	10.59	-2.59	-0.35	48.08	8
14	9.79	-0.79	-0.11	51.92	9
15	10.13	-0.13	-0.02	55.77	10
16	10.48	-0.48	-0.06	59.62	10
17	9.39	0.61	0.08	63.46	10
18	9.45	1.55	0.21	67.31	11
19	9.22	2.78	0.37	71.15	12
20	10.42	2.58	0.35	75.00	13
21	10.08	4.92	0.66	78.85	15
22	9.85	6.15	0.83	82.69	16
23	9.74	8.26	1.11	86.54	18
24	9.68	11.32	1.52	90.38	21
25	9.91	15.09	2.03	94.23	25
26	10.53	19.47	2.62	98.08	30

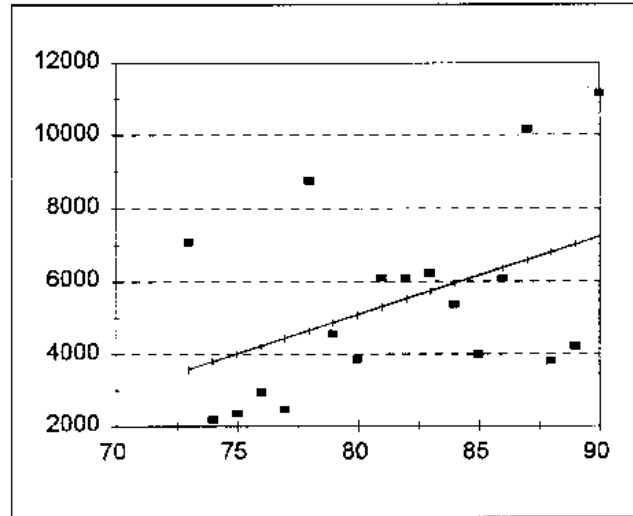
Royal Tern

TCWS

Trend Slope as % of Avg = 3.96%

Regression Statistics

Multiple R	0.44
R Square	0.19
Adjusted R Square	0.14
Standard Error	2408.35
Observations	18.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	22273415.74	22273415.74	3.84	0.07
Residual	16.00	92802631.38	5800164.46		
Total	17.00	115076047.11			

	Coefficients	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-12066.25	8935.30	-1.35	0.19	-31008.24	6875.73
x1	214.41	109.41	1.96	0.07	-17.54	446.36

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	Y
1	3800.14	-1615.14	-0.67	2.78	2185
2	4014.55	-1657.55	-0.69	8.33	2357
3	4443.37	-1975.37	-0.82	13.89	2468
4	4228.96	-1278.96	-0.53	19.44	2950
5	6801.89	-2999.89	-1.25	25.00	3802
6	5086.61	-1236.61	-0.51	30.56	3850
7	6158.66	-2168.66	-0.90	36.11	3990
8	7016.30	-2802.30	-1.16	41.67	4214
9	4872.20	-303.20	-0.13	47.22	4569
10	5944.25	-583.25	-0.24	52.78	5361
11	6373.07	-300.07	-0.12	58.33	6073
12	5515.43	564.57	0.23	63.89	6080
13	5301.02	782.98	0.33	69.44	6084
14	5729.84	490.16	0.20	75.00	6220
15	3585.73	3495.27	1.45	80.56	7081
16	4657.78	4103.22	1.70	86.11	8761
17	6587.48	3561.52	1.48	91.67	10149
18	7230.71	3923.29	1.63	97.22	11154

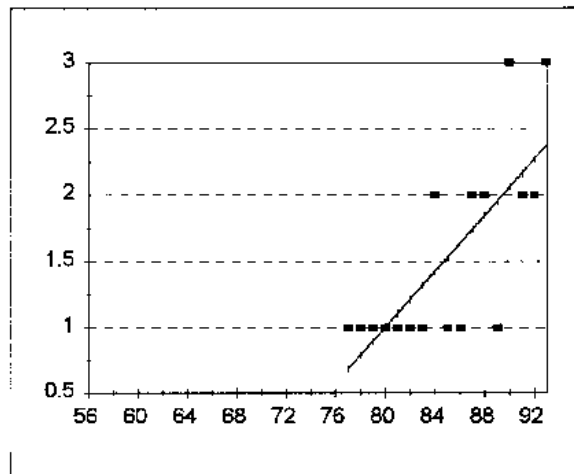
Sandwich Tern

Trend Slope as % of Avg = 6.89%

Regression Statistics

Multiple R	0.74
R Square	0.55
Adjusted R Square	0.52
Standard Error	0.50
Observations	17.00

CCW



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	4.53	4.53	18.36	0.00
Residual	15.00	3.70	0.25		
Total	16.00	8.24			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-7.43	2.09	-3.55	0.00	-11.89	-2.96
x1	0.11	0.02	4.28	0.00	0.05	0.16

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	1.32	-0.32	-0.64	2.94	1
2	1.21	-0.21	-0.43	8.82	1
3	1.53	-0.53	-1.07	14.71	1
4	1.95	-0.95	-1.91	20.59	1
5	1.63	-0.63	-1.28	26.47	1
6	0.90	0.10	0.21	32.35	1
7	0.79	0.21	0.42	38.24	1
8	0.89	0.31	0.63	44.12	1
9	1.11	-0.11	-0.22	50.00	1
10	1.00	-0.00	-0.00	55.88	1
11	2.27	-0.27	-0.54	61.76	2
12	2.16	-0.16	-0.33	67.65	2
13	1.74	0.26	0.52	73.53	2
14	1.42	0.58	1.16	79.41	2
15	1.85	0.15	0.31	85.29	2
16	2.37	0.63	1.26	91.18	3
17	2.06	0.94	1.90	97.06	3

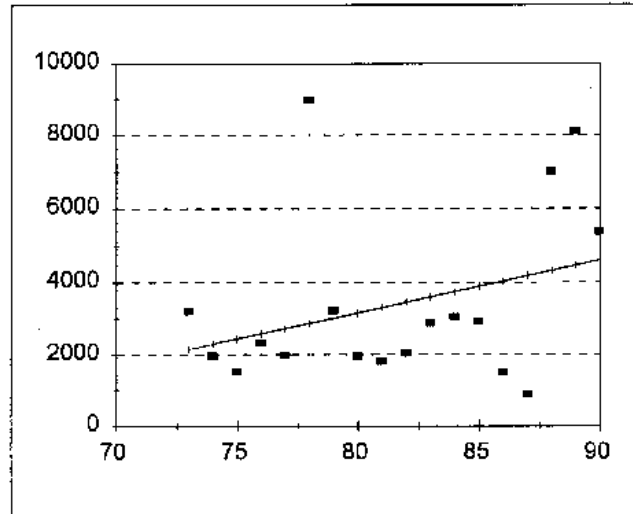
Sandwich Tern

TCWS

Trend Slope as % of Avg = 4.27%

Regression Statistics

Multiple R	0.32
R Square	0.11
Adjusted R Square	0.05
Standard Error	2314.34
Observations	18.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	10064455.93	10064455.93	1.88	0.19
Residual	16.00	85699057.18	5356191.07		
Total	17.00	95763513.11			

	Coefficients	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-8372.21	8586.51	-0.98	0.34	-26574.81	9830.39
x1	144.13	105.14	1.37	0.19	-78.77	367.02

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	4166.93	-3286.93	-1.42	2.78	880
2	4022.80	-2500.80	-1.08	8.33	1522
3	2437.39	-913.39	-0.39	13.89	1524
4	3302.16	-1486.16	-0.64	19.44	1816
5	3158.03	-1199.03	-0.52	25.00	1959
6	2293.26	-323.26	-0.14	30.56	1970
7	2725.65	-747.65	-0.32	36.11	1978
8	3446.29	-1406.29	-0.61	41.67	2040
9	2581.52	-251.52	-0.11	47.22	2330
10	3590.41	-710.41	-0.31	52.78	2880
11	3878.67	-968.67	-0.42	58.33	2910
12	3734.54	-685.54	-0.30	63.89	3049
13	2149.13	1050.87	0.45	69.44	3200
14	3013.90	216.10	0.09	75.00	3230
15	4599.31	770.69	0.33	80.56	5370
16	4311.05	2692.95	1.16	86.11	7004
17	4455.18	3644.82	1.57	91.67	8100
18	2869.77	6104.23	2.64	97.22	8974

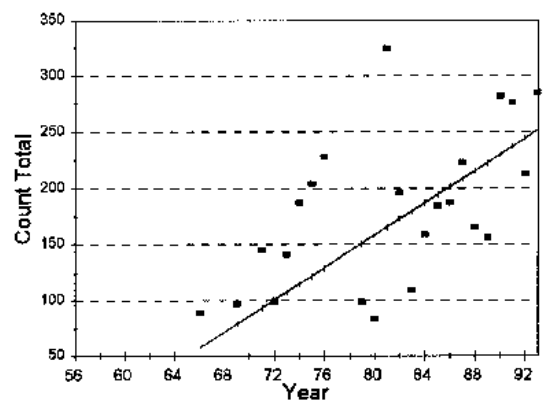
Forster's Tern

ANWR+CCW

Trend Slope as % of Avg = 5.01%

Regression Statistics

Multiple R	0.75
R Square	0.56
Adjusted R Square	0.54
Standard Error	59.14
Observations	31.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	128520.00	128520.00	36.74	0.00
Residual	29.00	101434.38	3497.74		
Total	30.00	229954.39			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-417.80	93.24	-4.48	0.00	-608.49	-227.10
x1	7.20	1.19	6.06	0.00	4.77	9.63

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	42.93	-39.93	-0.68	1.61	3
2	35.73	-31.73	-0.54	4.84	4
3	64.52	-59.52	-1.01	8.06	5
4	71.72	-63.72	-1.08	11.29	8
5	143.71	-75.71	-1.28	14.52	68
6	136.51	-64.51	-1.09	17.74	72
7	50.13	28.87	0.49	20.97	79
8	86.12	-4.12	-0.07	24.19	82
9	158.11	-74.11	-1.25	27.42	84
10	57.32	31.68	0.54	30.65	89
11	78.92	18.08	0.31	33.87	97
12	150.91	-51.91	-0.88	37.10	99
13	100.52	-1.52	-0.03	40.32	99
14	179.70	-69.70	-1.18	43.55	110
15	107.72	33.28	0.56	46.77	141
16	93.32	51.68	0.87	50.00	145
17	222.90	-66.90	-1.13	53.23	156
18	186.90	-27.90	-0.47	56.45	159
19	215.70	-50.70	-0.86	59.68	165
20	194.10	-10.10	-0.17	62.90	184
21	114.91	72.09	1.22	66.13	187
22	201.30	-14.30	-0.24	69.35	187
23	172.50	23.50	0.40	72.58	196
24	122.11	81.89	1.38	75.81	204
25	244.49	-31.49	-0.53	79.03	213
26	208.50	14.50	0.25	82.26	223
27	129.31	98.69	1.67	85.48	228
28	237.29	38.71	0.65	88.71	276
29	230.10	51.90	0.88	91.94	282
30	251.69	33.31	0.56	95.16	285
31	165.31	159.69	2.70	98.39	325

Forster's Tern

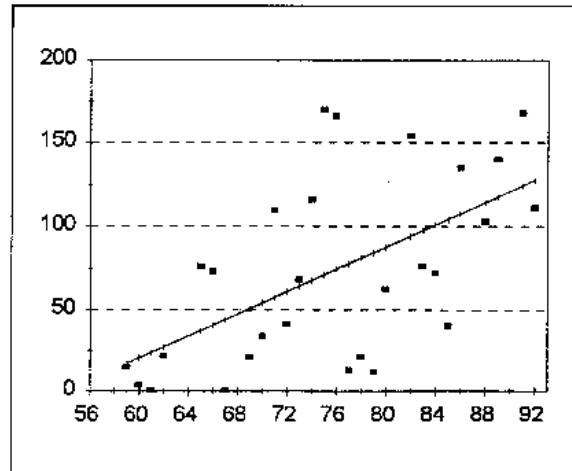
ANWR

4 outliers removed

Trend Slope as % of Avg = 4.63%

Regression Statistics

Multiple R	0.58
R Square	0.34
Adjusted R Square	0.31
Standard Error	46.61
Observations	28.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	28661.76	28661.76	13.19	0.00
Residual	26.00	58486.34	2172.55		
Total	27.00	85148.11			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-180.55	70.18	-2.57	0.02	-324.80	-36.30
x1	3.35	0.92	3.63	0.00	1.45	5.24

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	23.76	-22.76	-0.49	1.79	1
2	43.85	-42.85	-0.92	5.36	1
3	20.41	-16.41	-0.35	8.93	4
4	84.04	-72.04	-1.55	12.50	12
5	77.35	-64.35	-1.38	16.07	13
6	17.06	-2.06	-0.04	19.64	15
7	50.55	-29.55	-0.63	23.21	21
8	80.69	-59.69	-1.28	26.79	21
9	27.11	-5.11	-0.11	30.36	22
10	53.90	-19.90	-0.43	33.93	34
11	104.14	-64.14	-1.38	37.50	40
12	60.60	-19.60	-0.42	41.07	41
13	87.39	-25.39	-0.54	44.64	62
14	63.95	4.05	0.09	48.21	68
15	100.79	-28.79	-0.62	51.79	72
16	40.50	32.50	0.70	55.36	73
17	37.15	38.85	0.83	58.93	76
18	97.44	-21.44	-0.46	62.50	76
19	114.19	-11.19	-0.24	66.07	103
20	57.25	52.75	1.13	69.64	110
21	127.59	-16.59	-0.36	73.21	111
22	67.30	48.70	1.04	76.79	116
23	107.49	27.51	0.59	80.36	135
24	117.54	22.46	0.48	83.93	140
25	94.09	59.91	1.29	87.50	154
26	74.00	92.00	1.97	91.07	166
27	124.24	43.76	0.94	94.64	168
28	70.65	99.35	2.13	98.21	170

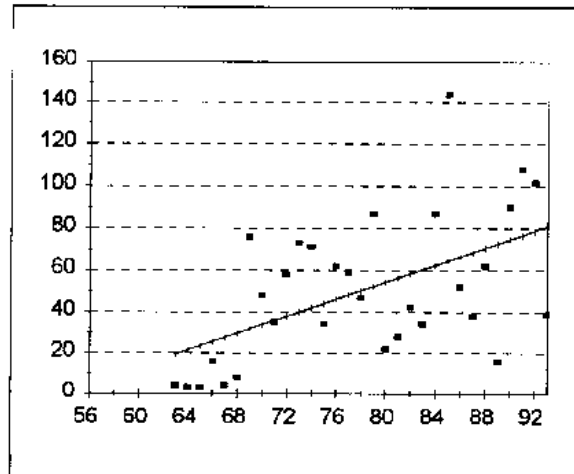
Forster's Tern

Trend Slope as % of Avg = 4.09%

Regression Statistics

Multiple R	0.53
R Square	0.29
Adjusted R Square	0.26
Standard Error	29.93
Observations	31.00

CCW



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	10414.00	10414.00	11.62	0.00
Residual	29.00	25983.87	896.00		
Total	30.00	36397.87			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-109.77	47.19	-2.33	0.03	-206.29	-13.26
x1	2.05	0.60	3.41	0.00	0.82	3.28

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	23.43	-20.43	-0.68	1.61	3
2	21.38	-18.38	-0.61	4.84	3
3	27.52	-23.52	-0.79	8.06	4
4	19.33	-15.33	-0.51	11.29	4
5	29.57	-21.57	-0.72	14.52	8
6	72.61	-56.61	-1.89	17.74	16
7	25.47	-9.47	-0.32	20.97	16
8	54.16	-32.16	-1.07	24.19	22
9	56.21	-28.21	-0.94	27.42	28
10	43.92	-9.92	-0.33	30.65	34
11	60.31	-26.31	-0.88	33.87	34
12	35.72	-0.72	-0.02	37.10	35
13	68.51	-30.51	-1.02	40.32	38
14	80.80	-41.80	-1.40	43.55	39
15	58.26	-16.26	-0.54	46.77	42
16	50.06	-3.06	-0.10	50.00	47
17	33.67	14.33	0.48	53.23	48
18	66.46	-14.46	-0.48	56.45	52
19	37.77	20.23	0.68	59.68	58
20	48.02	10.98	0.37	62.90	59
21	45.97	16.03	0.54	66.13	62
22	70.56	-8.56	-0.29	69.35	62
23	41.87	29.13	0.97	72.58	71
24	39.82	33.18	1.11	75.81	73
25	31.62	44.38	1.48	79.03	76
26	52.11	34.89	1.17	82.26	87
27	62.36	24.64	0.82	85.48	87
28	74.65	15.35	0.51	88.71	90
29	78.75	23.25	0.78	91.94	102
30	76.70	31.30	1.05	95.16	108
31	64.41	79.59	2.66	98.39	144

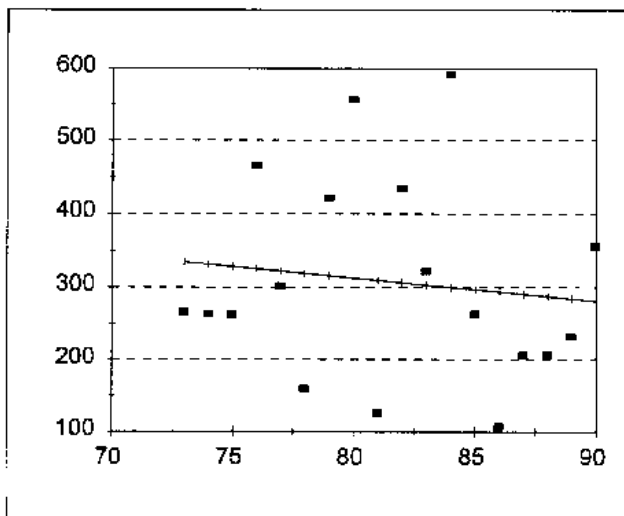
Forster's Tern

TCWS

Trend Slope as % of Avg = -1.03%

Regression Statistics

Multiple R	0.12
R Square	0.01
Adjusted R Square	-0.05
Standard Error	142.17
Observations	18.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	4894.94	4894.94	0.24	0.63
Residual	16.00	323387.50	20211.72		
Total	17.00	328282.44			

	Coefficients	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	566.50	527.46	1.07	0.30	-551.67	1684.66
x1	-3.18	6.46	-0.49	0.63	-16.87	10.51

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	293.14	-186.14	-1.31	2.78	107
2	309.03	-184.03	-1.29	8.33	125
3	318.57	-159.57	-1.12	13.89	159
4	286.78	-80.78	-0.57	19.44	206
5	289.96	-83.96	-0.59	25.00	206
6	283.61	-51.61	-0.36	30.56	232
7	328.10	-66.10	-0.46	36.11	262
8	296.32	-33.32	-0.23	41.67	263
9	331.28	-68.28	-0.48	47.22	263
10	334.46	-68.46	-0.48	52.78	266
11	321.75	-20.75	-0.15	58.33	301
12	302.68	19.32	0.14	63.89	322
13	280.43	74.57	0.52	69.44	355
14	315.39	104.61	0.74	75.00	420
15	305.86	128.14	0.90	80.56	434
16	324.93	140.07	0.99	86.11	465
17	312.21	243.79	1.71	91.67	556
18	299.50	292.50	2.06	97.22	592

Sooty Tern

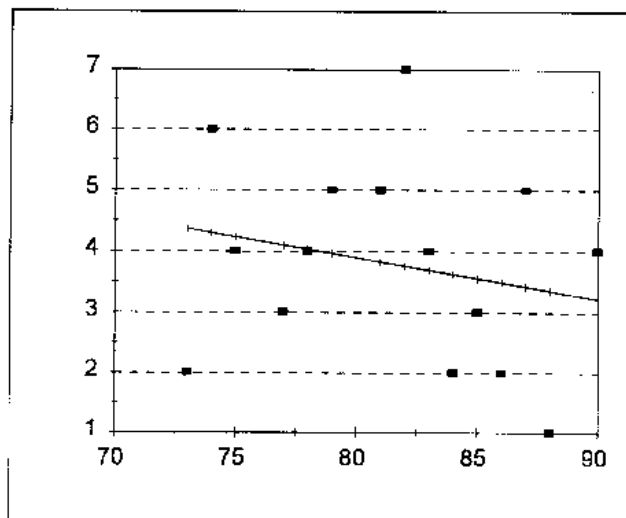
TCWS

1 outlier removed

Trend Slope as % of Avg = -1.77%

Regression Statistics

Multiple R	0.22
R Square	0.05
Adjusted R Square	-0.03
Standard Error	1.68
Observations	15.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	1.79	1.79	0.63	0.44
Residual	13.00	36.61	2.82		
Total	14.00	38.40			

	Coefficients	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	9.28	6.89	1.35	0.20	-5.60	24.15
x1	-0.07	0.08	-0.80	0.44	-0.25	0.12

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	3.36	-2.36	-1.41	3.33	1
2	3.63	-1.63	-0.97	10.00	2
3	4.37	-2.37	-1.41	16.67	2
4	3.50	-1.50	-0.89	23.33	2
5	3.56	-0.56	-0.34	30.00	3
6	4.10	-1.10	-0.66	36.67	3
7	4.03	-0.03	-0.02	43.33	4
8	3.70	0.30	0.18	50.00	4
9	4.23	-0.23	-0.14	56.67	4
10	3.23	0.77	0.46	63.33	4
11	3.83	1.17	0.70	70.00	5
12	3.43	1.57	0.94	76.67	5
13	3.97	1.03	0.62	83.33	5
14	4.30	1.70	1.01	90.00	6
15	3.76	3.24	1.93	96.67	7

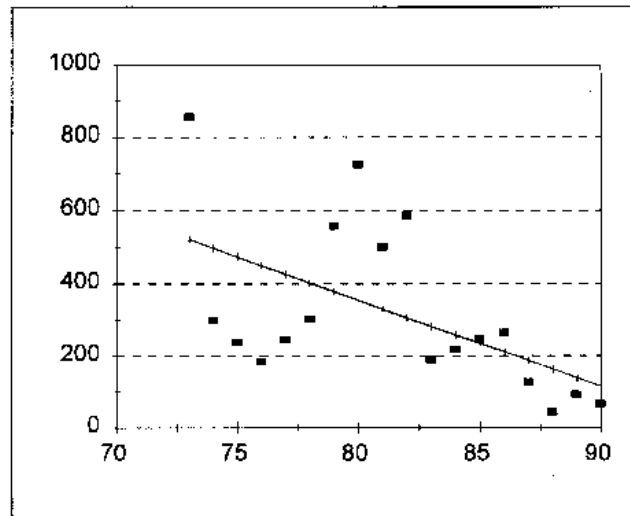
Least Tern

TCWS

Trend Slope as % of Avg = -7.48%

Regression Statistics

Multiple R	0.55
R Square	0.30
Adjusted R Square	0.26
Standard Error	198.78
Observations	18.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	275960.72	275960.72	6.98	0.02
Residual	16.00	632243.28	39515.20		
Total	17.00	908204.00			

	Coefficients	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	2264.07	737.52	3.07	0.01	700.60	3827.53
x1	-23.87	9.03	-2.64	0.02	-43.01	-4.72

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	163.87	-120.87	-0.61	2.78	43
2	116.14	-50.14	-0.25	8.33	66
3	140.01	-48.01	-0.24	13.89	92
4	187.74	-60.74	-0.31	19.44	127
5	450.26	-266.26	-1.34	25.00	184
6	283.20	-93.20	-0.47	30.56	190
7	259.34	-40.34	-0.20	36.11	219
8	474.13	-237.13	-1.19	41.67	237
9	426.40	-181.40	-0.91	47.22	245
10	235.47	11.53	0.06	52.78	247
11	211.60	53.40	0.27	58.33	265
12	497.99	-197.99	-1.00	63.89	300
13	402.53	-99.53	-0.50	69.44	303
14	330.93	169.07	0.85	75.00	500
15	378.66	179.34	0.90	80.56	558
16	307.07	277.93	1.40	86.11	585
17	354.80	370.20	1.86	91.67	725
18	521.86	334.14	1.68	97.22	856

Black Skimmer

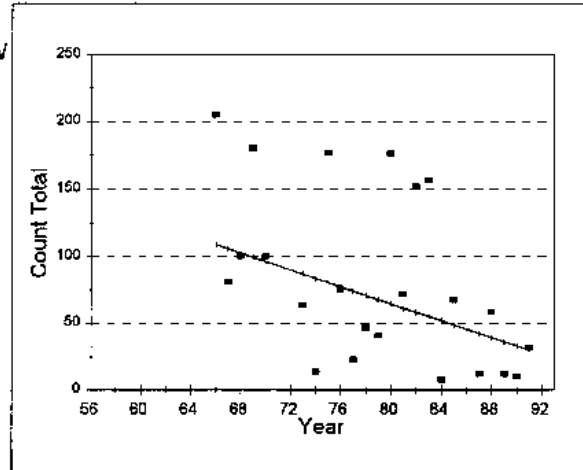
ANWR+CCW

1 outliers removed

Trend Slope as % of Avg = -4.68%

Regression Statistics

Multiple R	0.42
R Square	0.17
Adjusted R Square	0.14
Standard Error	60.20
Observations	28.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	19625.64	19625.64	5.42	0.03
Residual	26.00	94231.07	3624.27		
Total	27.00	113856.71			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	316.77	107.84	2.94	0.01	95.09	538.44
x1	-3.15	1.35	-2.33	0.03	-5.93	-0.37

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	93.19	-92.19	-1.53	1.79	1
2	45.96	-42.96	-0.71	5.36	3
3	112.09	-108.09	-1.80	8.93	4
4	27.07	-23.07	-0.38	12.50	4
5	23.92	-19.92	-0.33	16.07	4
6	52.26	-44.26	-0.74	19.64	8
7	33.36	-23.36	-0.39	23.21	10
8	36.51	-24.51	-0.41	26.79	12
9	42.81	-30.81	-0.51	30.36	12
10	83.75	-69.75	-1.16	33.93	14
11	74.30	-51.30	-0.85	37.50	23
12	30.21	1.79	0.03	41.07	32
13	68.00	-27.00	-0.45	44.64	41
14	71.15	-24.15	-0.40	48.21	47
15	39.66	19.34	0.32	51.79	59
16	86.90	-22.90	-0.38	55.36	64
17	49.11	18.89	0.31	58.93	68
18	61.70	10.30	0.17	62.50	72
19	77.45	-1.45	-0.02	66.07	76
20	105.79	-24.79	-0.41	69.64	81
21	102.64	-2.64	-0.04	73.21	100
22	96.34	3.66	0.06	76.79	100
23	58.55	93.45	1.55	80.36	152
24	55.41	101.59	1.69	83.93	157
25	64.85	111.15	1.85	87.50	176
26	80.60	96.40	1.60	91.07	177
27	99.49	80.51	1.34	94.64	180
28	108.94	96.06	1.60	98.21	205

Black Skimmer

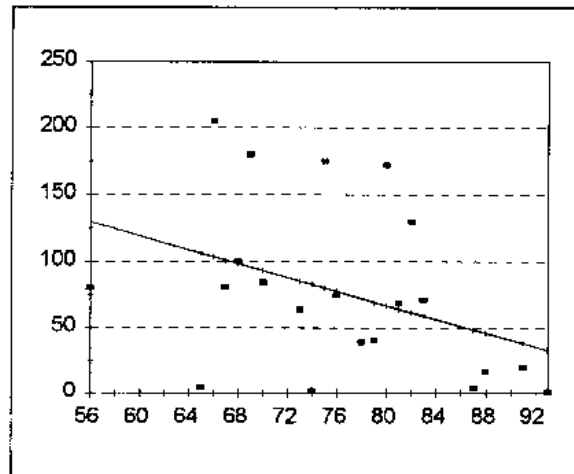
1 outlier removed

Trend Slope as % of Avg = -3.41%

Regression Statistics

Multiple R	0.39
R Square	0.15
Adjusted R Square	0.11
Standard Error	60.17
Observations	21.00

ANVR



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	12234.76	12234.76	3.38	0.08
Residual	19.00	68792.48	3620.66		
Total	20.00	81027.24			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	276.58	109.47	2.53	0.02	47.47	505.70
x1	-2.62	1.43	-1.84	0.08	-5.60	0.36

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	32.89	-31.89	-0.53	2.38	1
2	82.67	-80.67	-1.34	7.14	2
3	48.61	-44.61	-0.74	11.90	4
4	106.26	-102.26	-1.70	16.67	4
5	45.99	-28.99	-0.48	21.43	17
6	38.13	-18.13	-0.30	26.19	20
7	72.19	-33.19	-0.55	30.95	39
8	69.57	-29.57	-0.49	35.71	40
9	85.29	-21.29	-0.35	40.48	64
10	64.33	4.67	0.08	45.24	69
11	59.09	11.91	0.20	50.00	71
12	77.43	-2.43	-0.04	54.76	75
13	129.84	-49.84	-0.83	59.52	80
14	101.02	-20.02	-0.33	64.29	81
15	93.16	-9.16	-0.15	69.05	84
16	98.40	1.60	0.03	73.81	100
17	61.71	68.29	1.13	78.57	130
18	66.95	105.05	1.75	83.33	172
19	80.05	94.95	1.58	88.10	175
20	95.78	84.22	1.40	92.86	180
21	103.64	101.36	1.68	97.62	205

Black Skimmer

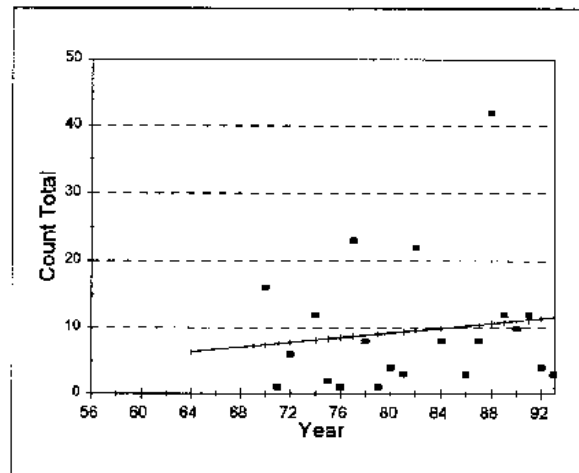
CCW

2 outliers removed

Trend Slope as % of Avg = 1.89%

Regression Statistics

Multiple R	0.13
R Square	0.02
Adjusted R Square	-0.03
Standard Error	10.00
Observations	21.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	34.69	34.69	0.35	0.56
Residual	19.00	1900.45	100.02		
Total	20.00	1935.14			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-5.18	25.15	-0.21	0.84	-57.82	47.46
x1	0.18	0.31	0.59	0.56	-0.46	0.82

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	7.64	-6.64	-0.66	2.38	1
2	9.09	-8.09	-0.81	7.14	1
3	8.55	-7.55	-0.75	11.90	1
4	8.37	-6.37	-0.64	16.67	2
5	9.45	-6.45	-0.65	21.43	3
6	10.35	-7.35	-0.74	26.19	3
7	11.62	-8.62	-0.86	30.95	3
8	11.44	-7.44	-0.74	35.71	4
9	9.27	-5.27	-0.53	40.48	4
10	7.82	-1.82	-0.18	45.24	6
11	8.91	-0.91	-0.09	50.00	8
12	9.99	-1.99	-0.20	54.76	8
13	10.54	-2.54	-0.25	59.52	8
14	11.08	-1.08	-0.11	64.29	10
15	8.19	3.81	0.38	69.05	12
16	11.26	0.74	0.07	73.81	12
17	10.90	1.10	0.11	78.57	12
18	7.46	8.54	0.85	83.33	16
19	9.63	12.37	1.24	88.10	22
20	8.73	14.27	1.43	92.86	23
21	10.72	31.28	3.13	97.62	42

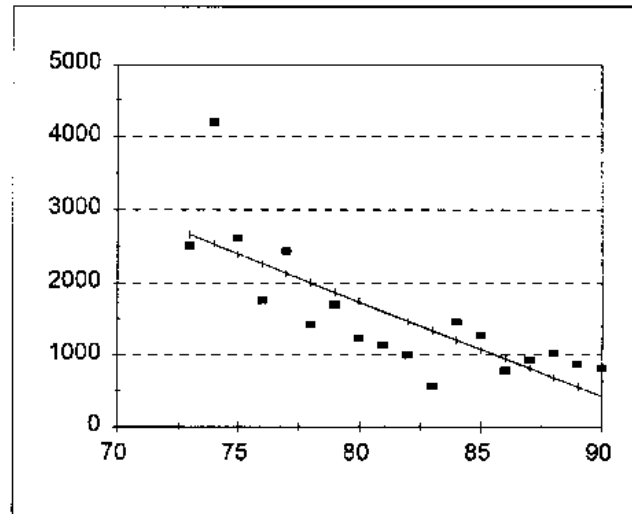
Black Skimmer

TCWS

Trend Slope as % of Avg = -8.54%

Regression Statistics

Multiple R	0.78
R Square	0.61
Adjusted R Square	0.58
Standard Error	580.01
Observations	18.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	8387368.44	8387368.44	24.93	0.00
Residual	16.00	5382573.56	336410.85		
Total	17.00	13769942.00			

	Coefficients	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	12263.51	2151.91	5.70	0.00	7701.67	16825.36
x1	-131.57	26.35	-4.99	0.00	-187.43	-75.71

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	1342.97	-779.97	-1.34	2.78	563
2	948.26	-165.26	-0.28	8.33	783
3	421.96	396.04	0.68	13.89	818
4	553.54	313.46	0.54	19.44	867
5	816.68	112.32	0.19	25.00	929
6	1474.55	-477.55	-0.82	30.56	997
7	685.11	340.89	0.59	36.11	1026
8	1606.12	-467.12	-0.81	41.67	1139
9	1737.69	-499.69	-0.86	47.22	1238
10	1079.83	197.17	0.34	52.78	1277
11	2000.84	-582.84	-1.00	58.33	1418
12	1211.40	255.60	0.44	63.89	1467
13	1869.27	-168.27	-0.29	69.44	1701
14	2263.98	-504.98	-0.87	75.00	1759
15	2132.41	303.59	0.52	80.56	2436
16	2658.70	-153.70	-0.26	86.11	2505
17	2395.56	213.44	0.37	91.67	2609
18	2527.13	1666.87	2.87	97.22	4194

Pauraque

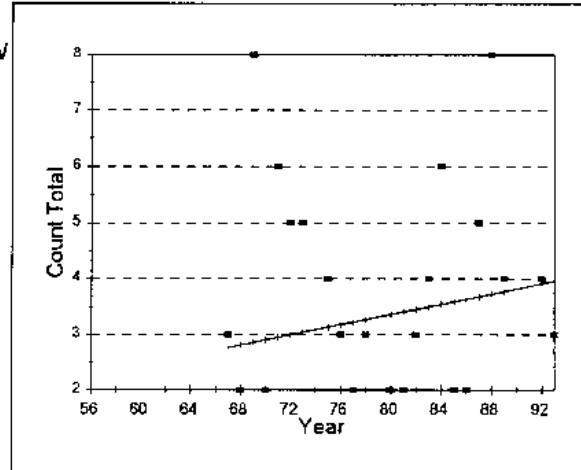
ANWR+CCW

2 outliers removed

Trend Slope as % of Avg = 1.41%

Regression Statistics

Multiple R 0.21
 R Square 0.04
 Adjusted R Square 0.01
 Standard Error 1.97
 Observations 29.00

**Analysis of Variance**

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	4.65	4.65	1.20	0.28
Residual	27.00	105.14	3.89		
Total	28.00	109.79			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-0.32	3.31	-0.10	0.92	-7.11	6.47
x1	0.05	0.04	1.09	0.28	-0.04	0.13

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	2.63	-1.63	-0.83	1.72	1
2	2.58	-1.58	-0.80	5.17	1
3	3.32	-2.32	-1.18	8.62	1
4	3.09	-2.09	-1.06	12.07	1
5	2.68	-1.68	-0.85	15.52	1
6	3.87	-1.87	-0.95	18.97	2
7	3.64	-1.64	-0.83	22.41	2
8	2.91	-0.91	-0.46	25.86	2
9	3.23	-1.23	-0.62	29.31	2
10	3.41	-1.41	-0.72	32.76	2
11	3.37	-1.37	-0.69	36.21	2
12	2.82	-0.82	-0.41	39.66	2
13	3.60	-1.60	-0.81	43.10	2
14	3.18	-0.18	-0.09	46.55	3
15	2.77	0.23	0.12	50.00	3
16	3.97	-0.97	-0.49	53.45	3
17	3.46	-0.46	-0.23	56.90	3
18	3.28	-0.28	-0.14	60.34	3
19	3.14	0.86	0.44	63.79	4
20	3.78	0.22	0.11	67.24	4
21	3.92	0.08	0.04	70.69	4
22	3.51	0.49	0.25	74.14	4
23	3.05	1.95	0.99	77.59	5
24	3.69	1.31	0.66	81.03	5
25	3.00	2.00	1.01	84.48	5
26	3.55	2.45	1.24	87.93	6
27	2.95	3.05	1.54	91.38	6
28	2.86	5.14	2.60	94.83	8
29	3.74	4.26	2.16	98.28	8

Pauraque

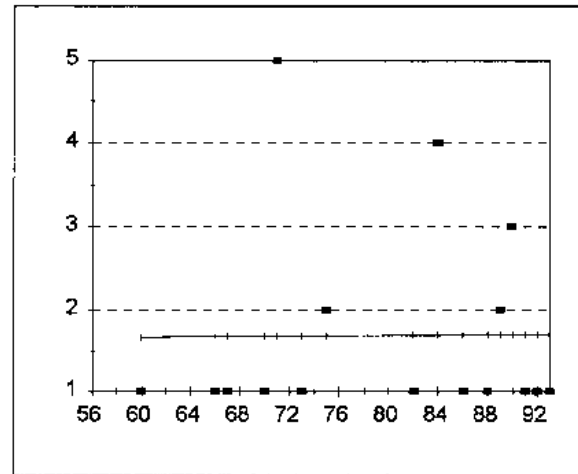
ANWR

1 outlier removed

Trend Slope as % of Avg = 0.07%

Regression Statistics

Multiple R	0.01
R Square	0.00
Adjusted R Square	-0.07
Standard Error	1.29
Observations	16.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	0.00	0.00	0.00	0.97
Residual	14.00	23.44	1.67		
Total	15.00	23.44			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	1.59	2.49	0.64	0.53	-3.74	6.93
x1	0.00	0.03	0.04	0.97	-0.07	0.07

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	1.67	-0.67	-0.52	3.13	1
2	1.67	-0.67	-0.52	9.38	1
3	1.68	-0.68	-0.52	15.63	1
4	1.66	-0.66	-0.51	21.88	1
5	1.68	-0.68	-0.53	28.13	1
6	1.70	-0.70	-0.54	34.38	1
7	1.70	-0.70	-0.54	40.63	1
8	1.70	-0.70	-0.54	46.88	1
9	1.69	-0.69	-0.53	53.13	1
10	1.70	-0.70	-0.54	59.38	1
11	1.69	-0.69	-0.54	65.63	1
12	1.68	0.32	0.25	71.88	2
13	1.70	0.30	0.23	78.13	2
14	1.70	1.30	1.01	84.38	3
15	1.69	2.31	1.78	90.63	4
16	1.68	3.32	2.57	96.88	5

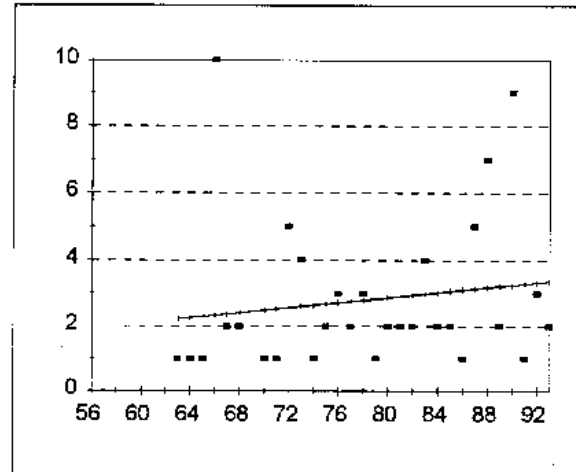
Pauraque

Trend Slope as % of Avg = 1.35%

Regression Statistics

Multiple R	0.15
R Square	0.02
Adjusted R Square	-0.01
Standard Error	2.34
Observations	30.00

CCW



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	3.44	3.44	0.63	0.43
Residual	28.00	153.36	5.48		
Total	29.00	156.80			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-0.17	3.77	-0.04	0.96	-7.88	7.55
x1	0.04	0.05	0.79	0.43	-0.06	0.14

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	2.52	-1.52	-0.65	1.67	1
2	2.49	-1.49	-0.63	5.00	1
3	3.28	-2.28	-0.97	8.33	1
4	2.83	-1.83	-0.78	11.67	1
5	3.09	-2.09	-0.89	15.00	1
6	2.64	-1.64	-0.70	18.33	1
7	2.30	-1.30	-0.55	21.67	1
8	2.22	-1.22	-0.52	25.00	1
9	2.26	-1.26	-0.54	28.33	1
10	2.86	-0.86	-0.37	31.67	2
11	3.05	-1.05	-0.45	35.00	2
12	3.02	-1.02	-0.43	38.33	2
13	2.90	-0.90	-0.39	41.67	2
14	2.94	-0.94	-0.40	45.00	2
15	3.36	-1.36	-0.58	48.33	2
16	2.37	-0.37	-0.16	51.67	2
17	2.41	-0.41	-0.18	55.00	2
18	3.21	-1.21	-0.52	58.33	2
19	2.75	-0.75	-0.32	61.67	2
20	2.67	-0.67	-0.29	65.00	2
21	3.32	-0.32	-0.14	68.33	3
22	2.71	0.29	0.12	71.67	3
23	2.79	0.21	0.09	75.00	3
24	2.98	1.02	0.44	78.33	4
25	2.60	1.40	0.60	81.67	4
26	3.13	1.87	0.80	85.00	5
27	2.56	2.44	1.04	88.33	5
28	3.17	3.83	1.64	91.67	7
29	3.24	5.76	2.46	95.00	9
30	2.33	7.67	3.28	98.33	10

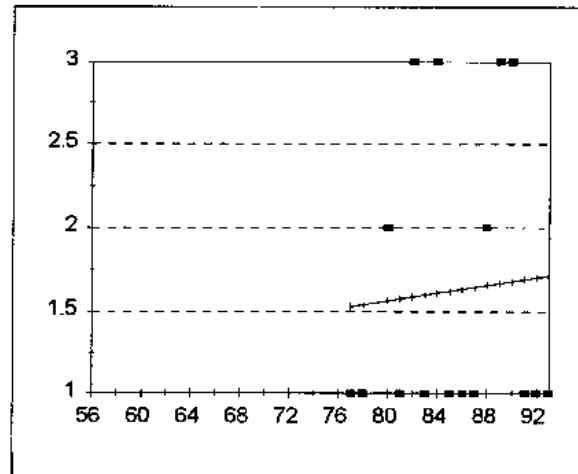
Buff-bellied Hummingbird

CCW

Trend Slope as % of Avg = 0.71%

Regression Statistics

Multiple R	0.06
R Square	0.00
Adjusted R Square	-0.07
Standard Error	0.91
Observations	16.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	0.05	0.05	0.06	0.81
Residual	14.00	11.70	0.84		
Total	15.00	11.75			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	0.64	4.07	0.16	0.88	-8.08	9.36
x1	0.01	0.05	0.24	0.81	-0.09	0.11

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	1.54	-0.64	-0.70	3.13	1
2	1.62	-0.62	-0.68	9.38	1
3	1.63	-0.63	-0.69	15.63	1
4	1.71	-0.71	-0.78	21.88	1
5	1.70	-0.70	-0.77	28.13	1
6	1.69	-0.69	-0.75	34.38	1
7	1.54	-0.54	-0.59	40.63	1
8	1.57	-0.57	-0.63	46.88	1
9	1.53	-0.53	-0.58	53.13	1
10	1.60	-0.60	-0.65	59.38	1
11	1.56	0.44	0.48	65.63	2
12	1.66	0.34	0.38	71.88	2
13	1.59	1.41	1.55	78.13	3
14	1.61	1.39	1.52	84.38	3
15	1.68	1.32	1.45	90.63	3
16	1.67	1.33	1.46	96.88	3

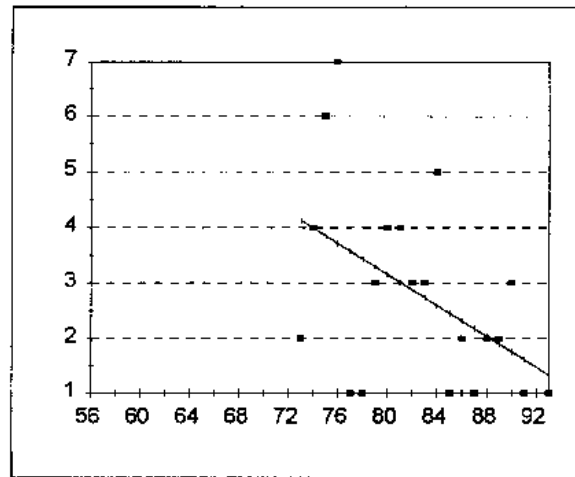
Rufous Hummingbird

CCW

Trend Slope as % of Avg = -5.00%

Regression Statistics

Multiple R	0.48
R Square	0.23
Adjusted R Square	0.18
Standard Error	1.60
Observations	20.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	13.40	13.40	5.27	0.03
Residual	18.00	45.80	2.54		
Total	19.00	59.20			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	14.35	5.04	2.84	0.01	3.75	24.94
x1	-0.14	0.06	-2.29	0.03	-0.27	-0.01

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	2.18	-1.18	-0.74	2.50	1
2	2.46	-1.46	-0.91	7.50	1
3	1.34	-0.34	-0.21	12.50	1
4	1.62	-0.62	-0.39	17.50	1
5	3.44	-2.44	-1.53	22.50	1
6	3.58	-2.58	-1.62	27.50	1
7	2.32	-0.32	-0.20	32.50	2
8	2.04	-0.04	-0.02	37.50	2
9	4.14	-2.14	-1.34	42.50	2
10	1.90	0.10	0.06	47.50	2
11	2.88	0.12	0.08	52.50	3
12	1.76	1.24	0.78	57.50	3
13	3.30	-0.30	-0.19	62.50	3
14	2.74	0.26	0.16	67.50	3
15	4.00	0.00	0.00	72.50	4
16	3.16	0.84	0.53	77.50	4
17	3.02	0.98	0.62	82.50	4
18	2.60	2.40	1.51	87.50	5
19	3.86	2.14	1.34	92.50	6
20	3.72	3.28	2.06	97.50	7

Ruby-crowned Kinglet

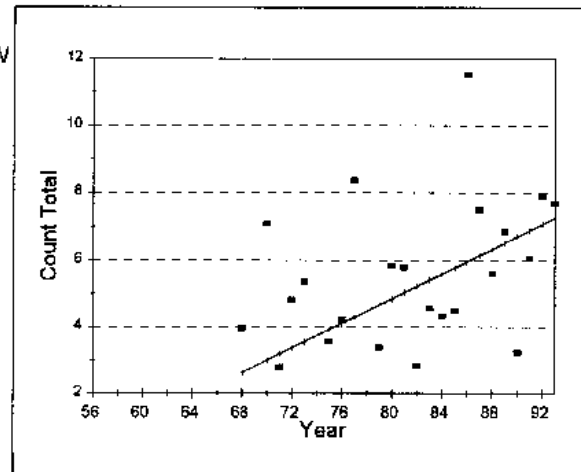
Data Corrected:
 Count/(Party Hours)^B
 where B = .78

ANWR+CCW

Trend Slope as % of Avg = 4.12%

Regression Statistics

Multiple R	0.64
R Square	0.41
Adjusted R Square	0.39
Standard Error	2.04
Observations	31.00

**Analysis of Variance**

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	84.71	84.71	20.36	0.00
Residual	29.00	120.66	4.16		
Total	30.00	205.38			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-9.93	3.22	-3.09	0.00	-16.51	-3.36
x1	0.18	0.04	4.51	0.00	0.10	0.27

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	1.89	-1.42	-0.69	1.61	0
2	2.08	-1.35	-0.66	4.84	1
3	2.45	-1.40	-0.69	8.06	1
4	2.82	-1.39	-0.68	11.29	1
5	2.26	-0.60	-0.29	14.52	2
6	4.48	-2.80	-1.37	17.74	2
7	3.74	-1.93	-0.95	20.97	2
8	1.71	0.54	0.26	24.19	2
9	3.19	-0.40	-0.20	27.42	3
10	5.22	-2.38	-1.17	30.65	3
11	6.70	-3.46	-1.70	33.87	3
12	4.67	-1.28	-0.63	37.10	3
13	3.93	-0.36	-0.18	40.32	4
14	2.63	1.34	0.66	43.55	4
15	4.11	0.12	0.06	46.77	4
16	5.59	-1.25	-0.61	50.00	4
17	5.78	-1.28	-0.63	53.23	4
18	5.41	-0.82	-0.40	56.45	5
19	3.37	1.44	0.71	59.68	5
20	3.56	1.81	0.89	62.90	5
21	6.33	-0.74	-0.36	66.13	6
22	5.04	0.75	0.37	69.35	6
23	4.85	0.99	0.48	72.58	6
24	6.88	-0.83	-0.41	75.81	6
25	6.51	0.35	0.17	79.03	7
26	3.00	4.07	2.00	82.26	7
27	6.14	1.36	0.66	85.48	8
28	7.25	0.44	0.21	88.71	8
29	7.07	0.84	0.41	91.94	8
30	4.30	4.09	2.00	95.16	8
31	5.96	5.58	2.74	98.39	12

Ruby-crowned Kinglet

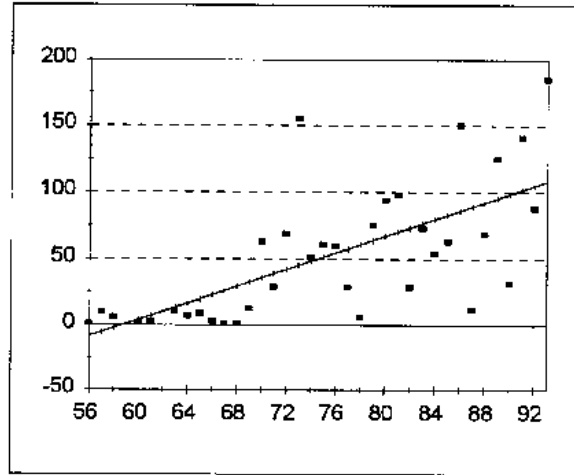
Data Corrected:
Count/(Party Hours^B)
where B = .82

ANWR

Trend Slope as % of Avg = 6.39%

Regression Statistics

Multiple R	0.68
R Square	0.46
Adjusted R Square	0.44
Standard Error	37.88
Observations	36.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	41337.18	41337.18	28.81	0.00
Residual	34.00	48777.13	1434.62		
Total	35.00	90114.31			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-185.41	44.70	-4.15	0.00	-276.25	-94.56
x1	3.16	0.59	5.37	0.00	1.96	4.35

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	29.17	-28.17	-0.74	1.39	1
2	-8.69	9.69	0.26	4.17	1
3	26.02	-25.02	-0.66	6.94	1
4	3.93	-1.93	-0.05	9.72	2
5	22.86	-19.86	-0.52	12.50	3
6	7.08	-4.08	-0.11	15.28	3
7	-2.38	8.38	0.22	18.06	6
8	60.73	-54.73	-1.44	20.83	6
9	16.55	-9.55	-0.25	23.61	7
10	19.71	-10.71	-0.28	26.39	9
11	-5.54	15.54	0.41	29.17	10
12	13.40	-3.40	-0.09	31.94	10
13	89.13	-77.13	-2.04	34.72	12
14	32.33	-19.33	-0.51	37.50	13
15	57.57	-28.57	-0.75	40.28	29
16	73.35	-44.35	-1.17	43.06	29
17	38.64	-9.64	-0.25	45.83	29
18	98.60	-66.60	-1.76	48.61	32
19	48.11	2.69	0.08	51.39	51
20	79.66	-25.66	-0.68	54.17	54
21	54.42	5.58	0.15	56.94	60
22	51.26	9.74	0.26	59.72	61
23	82.82	-19.82	-0.52	62.50	63
24	35.48	27.52	0.73	65.28	63
25	41.80	27.20	0.72	68.06	69
26	92.29	-23.29	-0.61	70.83	69
27	76.51	-3.51	-0.09	73.61	73
28	63.88	11.12	0.29	76.39	75
29	104.91	-16.91	-0.45	79.17	88
30	67.04	26.96	0.71	81.94	94
31	70.20	27.80	0.73	84.72	98
32	95.44	29.56	0.78	87.50	125
33	101.75	39.25	1.04	90.28	141
34	85.97	64.03	1.69	93.06	150
35	44.95	110.05	2.91	95.83	155
36	108.06	76.94	2.03	98.61	185

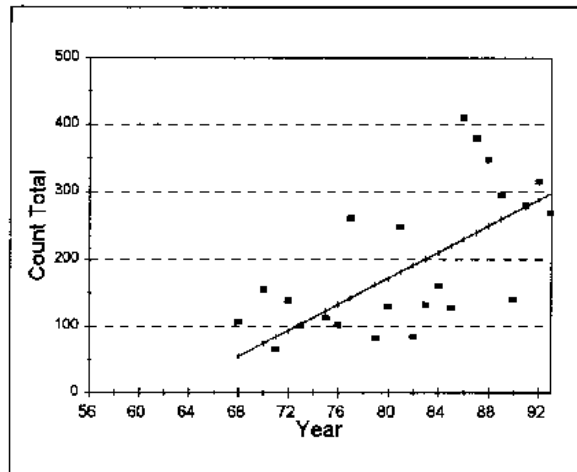
Ruby-crowned Kinglet

CCW

Trend Slope as % of Avg = 6.39%

Regression Statistics

Multiple R	0.77
R Square	0.59
Adjusted R Square	0.58
Standard Error	74.71
Observations	31.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	234139.28	234139.28	41.95	0.00
Residual	29.00	161875.43	5581.91		
Total	30.00	396014.71			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-605.79	117.79	-5.14	0.00	-846.69	-364.89
x1	9.72	1.50	6.48	0.00	6.65	12.78

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	16.07	1.93	0.03	1.61	18
2	25.78	-2.78	-0.04	4.84	23
3	6.35	19.65	0.26	8.06	26
4	64.65	-33.65	-0.45	11.29	31
5	45.21	-12.21	-0.16	14.52	33
6	113.23	-78.23	-1.05	17.74	35
7	35.50	-0.50	-0.01	20.97	35
8	152.10	-87.10	-1.17	24.19	65
9	84.08	-19.08	-0.26	27.42	65
10	161.81	-79.81	-1.07	30.65	82
11	190.96	-105.96	-1.42	33.87	85
12	103.51	-2.51	-0.03	37.10	101
13	132.66	-29.66	-0.40	40.32	103
14	54.93	52.07	0.70	43.55	107
15	122.95	-9.95	-0.13	46.77	113
16	220.11	-91.11	-1.22	50.00	129
17	171.53	-40.53	-0.54	53.23	131
18	200.68	-67.68	-0.91	56.45	133
19	93.80	45.20	0.61	59.68	139
20	268.70	-127.70	-1.71	62.90	141
21	74.36	80.64	1.08	66.13	155
22	210.40	-50.40	-0.67	69.35	160
23	181.25	66.75	0.89	72.58	248
24	142.38	118.62	1.59	75.81	261
25	297.84	-28.84	-0.39	79.03	269
26	278.41	1.59	0.02	82.26	280
27	258.98	37.02	0.50	85.48	296
28	288.13	26.87	0.36	88.71	315
29	249.26	97.74	1.31	91.94	347
30	239.55	139.45	1.87	95.16	379
31	229.83	180.17	2.41	98.39	410

Blue-gray Gnatcatcher

Data Corrected:
Count/(Party Hours)^B
where B = .86

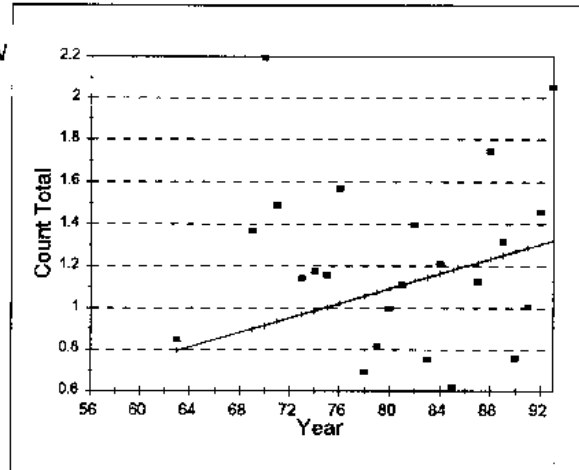
ANWR+CCW

3 outliers removed

Trend Slope as % of Avg = 1.65%

Regression Statistics

Multiple R	0.33
R Square	0.11
Adjusted R Square	0.08
Standard Error	0.48
Observations	28.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	0.73	0.73	3.20	0.09
Residual	26.00	5.91	0.23		
Total	27.00	6.64			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-0.32	0.78	-0.41	0.68	-1.93	1.29
x1	0.02	0.01	1.79	0.08	-0.00	0.04

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	0.81	-0.57	-1.19	1.79	0
2	0.83	-0.58	-1.22	5.36	0
3	0.85	-0.40	-0.84	8.93	0
4	0.86	-0.39	-0.82	12.50	0
5	1.20	-0.69	-1.44	16.07	1
6	1.18	-0.56	-1.18	19.64	1
7	1.06	-0.37	-0.77	23.21	1
8	1.15	-0.39	-0.82	26.79	1
9	1.27	-0.51	-1.07	30.36	1
10	1.08	-0.26	-0.55	33.93	1
11	0.79	0.05	0.11	37.50	1
12	1.09	-0.09	-0.20	41.07	1
13	1.29	-0.28	-0.59	44.64	1
14	1.11	0.00	0.00	48.21	1
15	1.22	-0.09	-0.19	51.79	1
16	0.97	0.17	0.36	55.36	1
17	1.00	0.15	0.32	58.93	1
18	0.99	0.19	0.40	62.50	1
19	1.16	0.05	0.10	66.07	1
20	1.25	0.06	0.13	69.64	1
21	0.90	0.47	0.99	73.21	1
22	1.13	0.27	0.56	76.79	1
23	1.31	0.15	0.31	80.36	1
24	0.93	0.55	1.16	83.93	1
25	1.02	0.55	1.15	87.50	2
26	1.23	0.51	1.07	91.07	2
27	1.32	0.73	1.53	94.64	2
28	0.92	1.28	2.66	98.21	2

Blue-gray Gnatcatcher

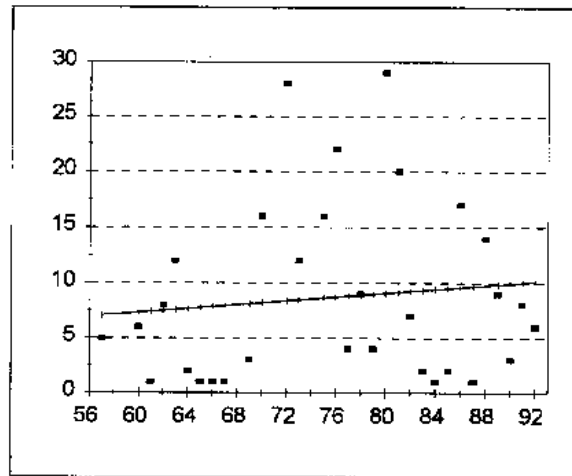
ANWR

2 outliers removed

Trend Slope as % of Avg = 0.99%

Regression Statistics

Multiple R	0.11
R Square	0.01
Adjusted R Square	-0.02
Standard Error	8.14
Observations	31.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	24.37	24.37	0.37	0.55
Residual	29.00	1922.02	66.28		
Total	30.00	1946.39			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	2.15	10.92	0.20	0.85	-20.18	24.48
x1	0.09	0.14	0.61	0.55	-0.21	0.38

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	9.41	-8.41	-1.03	1.61	1
2	9.67	-8.67	-1.07	4.84	1
3	7.77	-6.77	-0.83	8.06	1
4	7.94	-6.94	-0.85	11.29	1
5	7.42	-6.42	-0.79	14.52	1
6	7.86	-6.86	-0.84	17.74	1
7	7.68	-5.68	-0.70	20.97	2
8	9.33	-7.33	-0.90	24.19	2
9	9.50	-7.50	-0.92	27.42	2
10	8.12	-5.12	-0.63	30.65	3
11	9.93	-6.93	-0.85	33.87	3
12	8.98	-4.98	-0.61	37.10	4
13	8.81	-4.81	-0.59	40.32	4
14	7.08	-2.08	-0.26	43.55	5
15	7.34	-1.34	-0.16	46.77	6
16	10.10	-4.10	-0.50	50.00	6
17	9.24	-2.24	-0.28	53.23	7
18	10.02	-2.02	-0.25	56.45	8
19	7.51	0.49	0.06	59.68	8
20	8.89	0.11	0.01	62.90	9
21	9.84	-0.84	-0.10	66.13	9
22	8.46	3.54	0.43	69.35	12
23	7.60	4.40	0.54	72.58	12
24	9.76	4.24	0.52	75.81	14
25	8.20	7.80	0.96	79.03	16
26	8.63	7.37	0.90	82.26	16
27	9.59	7.41	0.91	85.48	17
28	9.15	10.85	1.33	88.71	20
29	8.72	13.28	1.63	91.94	22
30	8.37	19.63	2.41	95.16	28
31	9.07	19.93	2.45	98.39	29
32	11.22	27.78	2.24	95.45	39
33	13.39	41.61	3.36	98.48	55
34	85.97	64.03	1.69	93.06	150

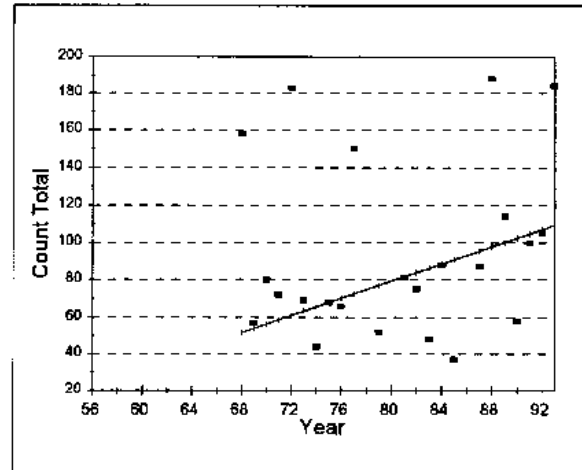
Blue-gray Gnatcatcher

CCW

Trend Slope as % of Avg = 3.09%

Regression Statistics

Multiple R	0.40
R Square	0.16
Adjusted R Square	0.13
Standard Error	48.77
Observations	31.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>		
Regression	1.00	13225.21	13225.21	5.56	0.03		
Residual	29.00	68966.72	2378.16				
Total	30.00	82191.94					

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-105.38	76.88	-1.37	0.18	-262.62	51.86
x1	2.31	0.98	2.36	0.03	0.31	4.31

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	40.10	-34.10	-0.70	1.61	6
2	47.03	-34.03	-0.70	4.84	13
3	44.72	-29.72	-0.61	8.06	15
4	42.41	-25.41	-0.52	11.29	17
5	93.22	-73.22	-1.50	14.52	20
6	49.34	-28.34	-0.58	17.74	21
7	79.36	-52.36	-1.07	20.97	27
8	74.74	-40.74	-0.84	24.19	34
9	90.91	-53.91	-1.11	27.42	37
10	65.50	-21.50	-0.44	30.65	44
11	86.29	-38.29	-0.79	33.87	48
12	77.05	-25.05	-0.51	37.10	52
13	53.96	3.04	0.06	40.32	57
14	102.45	-44.45	-0.91	43.55	58
15	70.12	-4.12	-0.08	46.77	66
16	67.81	0.19	0.00	50.00	68
17	63.20	5.80	0.12	53.23	69
18	58.58	13.42	0.28	56.45	72
19	83.98	-8.98	-0.18	59.68	75
20	56.27	23.73	0.49	62.90	80
21	81.67	-0.67	-0.01	66.13	81
22	95.53	-8.53	-0.17	69.35	87
23	88.60	-0.60	-0.01	72.58	88
24	104.76	-4.76	-0.10	75.81	100
25	107.07	-2.07	-0.04	79.03	105
26	100.14	13.86	0.28	82.26	114
27	72.43	77.57	1.59	85.48	150
28	51.65	106.35	2.18	88.71	158
29	60.89	122.11	2.50	91.94	183
30	109.38	74.62	1.53	95.16	184
31	97.83	90.17	1.85	98.39	188

Loggerhead Shrike

Data Corrected:
Count/(Party Hours^B)
where B = .64

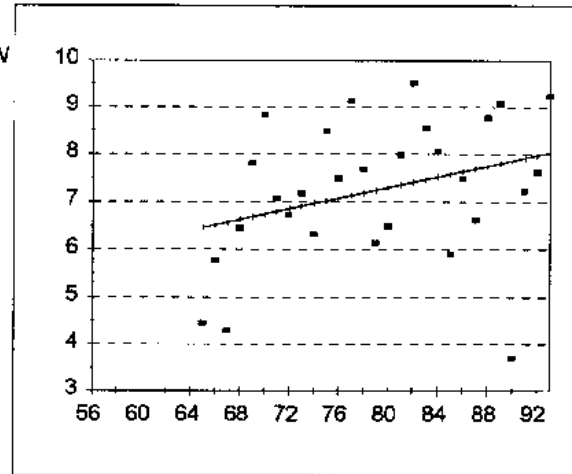
ANWR+CCW

2 outliers removed

Trend Slope as % of Avg = 0.77%

Regression Statistics

Multiple R	0.32
R Square	0.10
Adjusted R Square	0.07
Standard Error	1.45
Observations	29.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	6.36	6.36	3.05	0.09
Residual	27.00	56.38	2.09		
Total	28.00	62.74			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	2.82	2.55	1.11	0.28	-2.41	8.05
x1	0.06	0.03	1.75	0.09	-0.01	0.12

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	7.86	-4.15	-2.87	1.72	4
2	6.57	-2.27	-1.57	5.17	4
3	6.46	-2.00	-1.39	8.62	4
4	6.52	-0.75	-0.52	12.07	6
5	7.58	-1.66	-1.15	15.52	6
6	7.24	-1.11	-0.77	18.97	6
7	6.96	-0.65	-0.45	22.41	6
8	6.63	-0.17	-0.12	25.86	6
9	7.30	-0.81	-0.56	29.31	6
10	7.69	-1.06	-0.74	32.76	7
11	6.85	-0.12	-0.08	36.21	7
12	6.80	0.28	0.20	39.66	7
13	6.91	0.26	0.18	43.10	7
14	7.92	-0.68	-0.47	46.55	7
15	7.64	-0.15	-0.10	50.00	7
16	7.08	0.42	0.29	53.45	7
17	7.97	-0.35	-0.24	56.90	8
18	7.19	0.49	0.34	60.34	8
19	6.68	1.12	0.78	63.79	8
20	7.36	0.63	0.43	67.24	8
21	7.52	0.52	0.36	70.69	8
22	7.02	1.46	1.01	74.14	8
23	7.47	1.08	0.74	77.59	9
24	7.75	1.02	0.71	81.03	9
25	6.74	2.09	1.44	84.48	9
26	7.80	1.27	0.88	87.93	9
27	7.13	1.99	1.37	91.38	9
28	8.03	1.20	0.83	94.83	9
29	7.41	2.10	1.45	98.28	10

Loggerhead Shrike

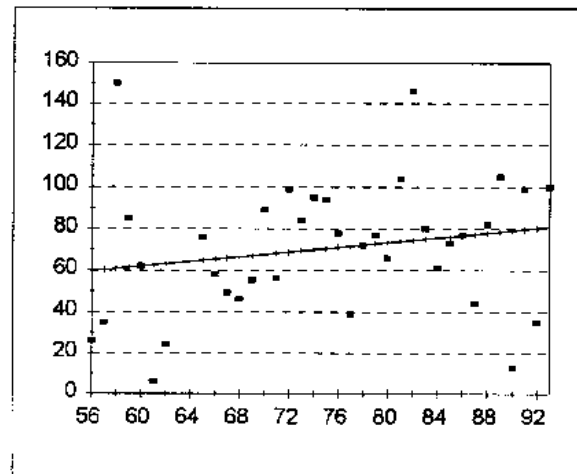
ANWR

2 outliers removed

Trend Slope as % of Avg = 0.81%

Regression Statistics

Multiple R	0.20
R Square	0.04
Adjusted R Square	0.01
Standard Error	32.26
Observations	36.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	1406.10	1406.10	1.35	0.25
Residual	34.00	35386.79	1040.79		
Total	35.00	36792.89			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	27.67	37.28	0.74	0.46	-48.10	103.44
x1	0.57	0.49	1.16	0.25	-0.43	1.57

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	62.50	-56.50	-1.75	1.39	6
2	79.06	-66.06	-2.05	4.17	13
3	63.07	-39.07	-1.21	6.94	24
4	59.64	-33.64	-1.04	9.72	26
5	60.22	-25.22	-0.78	12.50	35
6	80.20	-45.20	-1.40	15.28	35
7	71.63	-32.63	-1.01	18.06	39
8	77.34	-33.34	-1.03	20.83	44
9	66.50	-20.50	-0.64	23.61	46
10	65.92	-16.92	-0.52	26.39	49
11	67.07	-12.07	-0.37	29.17	55
12	68.21	-12.21	-0.38	31.94	56
13	65.35	-7.35	-0.23	34.72	58
14	75.63	-14.63	-0.45	37.50	61
15	61.93	0.07	0.00	40.28	62
16	73.35	-7.35	-0.23	43.06	66
17	72.20	-0.20	-0.01	45.83	72
18	76.20	-3.20	-0.10	48.61	73
19	64.78	11.22	0.35	51.39	76
20	76.77	0.23	0.01	54.17	77
21	72.78	4.22	0.13	56.94	77
22	71.06	6.94	0.22	59.72	78
23	75.06	4.94	0.15	62.50	80
24	77.91	4.09	0.13	65.28	82
25	69.35	14.65	0.45	68.06	84
26	61.36	23.64	0.73	70.83	85
27	67.64	21.36	0.66	73.61	89
28	70.49	23.51	0.73	76.39	94
29	69.92	25.08	0.78	79.17	95
30	79.63	19.37	0.60	81.94	99
31	68.78	30.22	0.94	84.72	99
32	80.77	19.23	0.60	87.50	100
33	73.92	30.08	0.93	90.28	104
34	78.49	26.51	0.82	93.06	105
35	74.49	71.51	2.22	95.83	148
36	60.79	89.21	2.77	98.61	150

Loggerhead Shrike

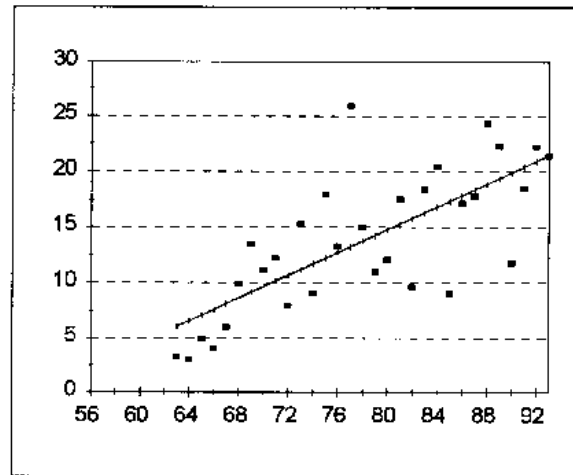
Data Corrected:
Count/(Party Hours^B)
where B = .42

CCW

Trend Slope as % of Avg = 3.74%

Regression Statistics

Multiple R	0.74
R Square	0.54
Adjusted R Square	0.53
Standard Error	4.37
Observations	31.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	654.05	654.05	34.30	0.00
Residual	29.00	552.98	19.07		
Total	30.00	1207.02			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-26.33	6.88	-3.82	0.00	-40.41	-12.25
x1	0.51	0.09	5.86	0.00	0.33	0.69

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	6.54	-3.56	-0.81	1.61	3
2	6.03	-2.73	-0.62	4.84	3
3	7.57	-3.49	-0.80	8.06	4
4	7.05	-2.17	-0.50	11.29	5
5	8.08	-2.10	-0.48	14.52	6
6	10.65	-2.75	-0.63	17.74	8
7	17.33	-8.34	-1.91	20.97	9
8	11.68	-2.66	-0.61	24.19	9
9	15.79	-6.19	-1.42	27.42	10
10	8.60	1.27	0.29	30.65	10
11	14.24	-3.23	-0.74	33.87	11
12	9.62	1.50	0.34	37.10	11
13	19.89	-8.09	-1.85	40.32	12
14	14.76	-2.68	-0.61	43.55	12
15	10.14	2.08	0.48	46.77	12
16	12.70	0.57	0.13	50.00	13
17	9.11	4.33	0.99	53.23	13
18	13.73	1.27	0.29	56.45	15
19	11.16	4.11	0.94	59.68	15
20	17.84	-0.68	-0.16	62.90	17
21	15.27	2.22	0.51	66.13	17
22	18.35	-0.51	-0.12	69.35	18
23	12.19	5.78	1.32	72.58	18
24	16.30	2.09	0.48	75.81	18
25	20.41	-1.94	-0.44	79.03	18
26	16.81	3.59	0.82	82.26	20
27	21.43	-0.04	-0.01	85.48	21
28	20.92	1.31	0.30	88.71	22
29	19.38	2.89	0.66	91.94	22
30	18.87	5.47	1.25	95.16	24
31	13.22	12.66	2.90	98.39	26

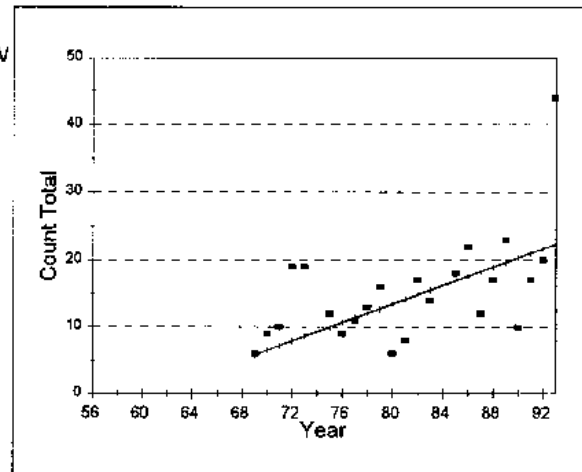
White-eyed Vireo

ANWR+CCW

Trend Slope as % of Avg = 5.55%

Regression Statistics

Multiple R	0.69
R Square	0.47
Adjusted R Square	0.45
Standard Error	6.53
Observations	30.00

**Analysis of Variance**

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	1063.46	1063.46	24.94	0.00
Residual	28.00	1193.74	42.63		
Total	29.00	2257.20			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-41.60	10.88	-3.82	0.00	-63.88	-19.32
x1	0.69	0.14	4.99	0.00	0.41	0.97

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	3.11	-2.11	-0.32	1.67	1
2	4.49	-3.49	-0.53	5.00	1
3	3.80	-1.80	-0.28	8.33	2
4	2.43	-0.43	-0.07	11.67	2
5	9.30	-6.30	-0.97	15.00	3
6	5.18	-0.18	-0.03	18.33	5
7	16.18	-10.18	-1.56	21.67	6
8	13.43	-7.43	-1.14	25.00	6
9	5.87	0.13	0.02	28.33	6
10	14.12	-6.12	-0.94	31.67	8
11	10.68	-1.68	-0.26	35.00	9
12	6.55	2.45	0.37	38.33	9
13	20.31	-10.31	-1.58	41.67	10
14	7.24	2.76	0.42	45.00	10
15	11.37	-0.37	-0.06	48.33	11
16	9.99	2.01	0.31	51.67	12
17	18.25	-6.25	-0.96	55.00	12
18	12.06	0.94	0.14	58.33	13
19	15.50	-1.50	-0.23	61.67	14
20	12.74	3.26	0.50	65.00	16
21	21.00	-4.00	-0.61	68.33	17
22	18.93	-1.93	-0.30	71.67	17
23	14.81	2.19	0.34	75.00	17
24	16.87	1.13	0.17	78.33	18
25	7.93	11.07	1.70	81.67	19
26	8.62	10.38	1.59	85.00	19
27	21.69	-1.69	-0.26	88.33	20
28	17.56	4.44	0.68	91.67	22
29	19.62	3.38	0.52	95.00	23
30	22.37	21.63	3.31	98.33	44

White-eyed Vireo

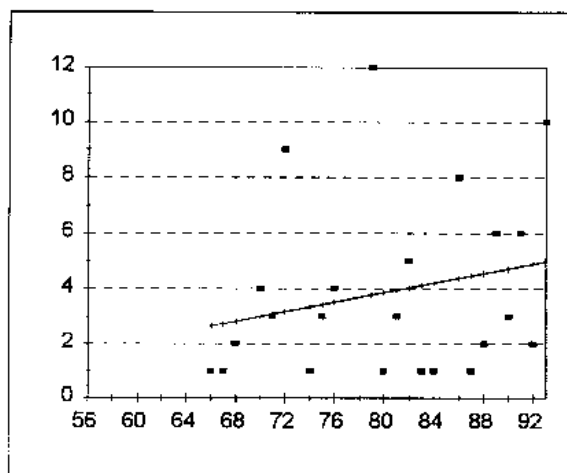
ANWR

2 outliers removed

Trend Slope as % of Avg = 2.23%

Regression Statistics

Multiple R	0.23
R Square	0.05
Adjusted R Square	0.01
Standard Error	3.21
Observations	23.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	12.15	12.15	1.18	0.29
Residual	21.00	216.46	10.31		
Total	22.00	228.61			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-3.06	6.42	-0.48	0.64	-16.41	10.29
x1	0.09	0.08	1.09	0.29	-0.08	0.25

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	2.64	-1.64	-0.51	2.17	1
2	2.73	-1.73	-0.54	6.52	1
3	4.11	-3.11	-0.97	10.87	1
4	3.34	-2.34	-0.73	15.22	1
5	3.85	-2.85	-0.89	19.57	1
6	4.20	-3.20	-1.00	23.91	1
7	4.46	-3.46	-1.08	28.26	1
8	4.55	-2.55	-0.79	32.61	2
9	2.82	-0.82	-0.25	36.96	2
10	4.89	-2.89	-0.90	41.30	2
11	3.94	-0.94	-0.29	45.65	3
12	3.08	-0.08	-0.02	50.00	3
13	4.72	-1.72	-0.54	54.35	3
14	3.42	-0.42	-0.13	58.70	3
15	3.51	0.49	0.15	63.04	4
16	2.99	1.01	0.31	67.39	4
17	4.03	0.97	0.30	71.74	5
18	4.81	1.19	0.37	76.09	6
19	4.63	1.37	0.43	80.43	6
20	4.37	3.63	1.13	84.78	8
21	3.16	5.84	1.82	89.13	9
22	4.98	5.02	1.56	93.48	10
23	3.77	8.23	2.56	97.83	12

White-eyed Vireo

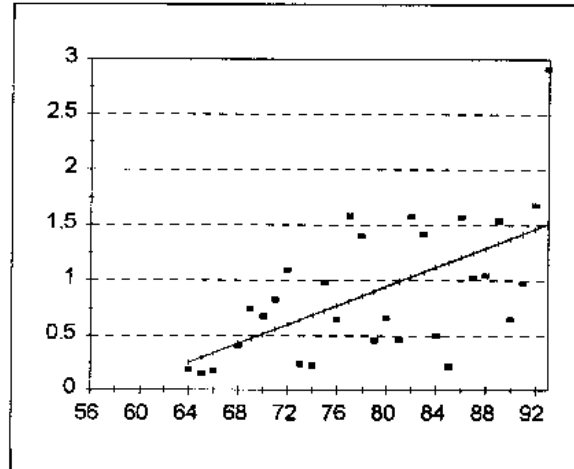
Data Corrected:
Count/(Party Hours^B)
where B = .51

Trend Slope as % of Avg = 5.16%

Regression Statistics

Multiple R	0.60
R Square	0.36
Adjusted R Square	0.33
Standard Error	0.51
Observations	29.00

CCW



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	3.95	3.95	15.06	0.00
Residual	27.00	7.08	0.26		
Total	28.00	11.04			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-2.52	0.88	-2.85	0.01	-4.33	-0.70
x1	0.04	0.01	3.88	0.00	0.02	0.07

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	0.29	-0.14	-0.28	1.72	0
2	0.34	-0.16	-0.32	5.17	0
3	0.25	-0.06	-0.13	8.62	0
4	1.16	-0.94	-1.84	12.07	0
5	0.68	-0.46	-0.90	15.52	0
6	0.64	-0.40	-0.78	18.97	0
7	0.42	-0.02	-0.03	22.41	0
8	0.90	-0.45	-0.87	25.86	0
9	0.99	-0.53	-1.03	29.31	0
10	1.12	-0.62	-1.21	32.76	0
11	0.77	-0.13	-0.25	36.21	1
12	1.38	-0.73	-1.43	39.66	1
13	0.94	-0.28	-0.55	43.10	1
14	0.51	0.16	0.32	46.55	1
15	0.47	0.28	0.54	50.00	1
16	0.55	0.27	0.53	53.45	1
17	1.42	-0.45	-0.87	56.90	1
18	0.73	0.25	0.48	60.34	1
19	1.25	-0.22	-0.43	63.79	1
20	1.29	-0.25	-0.49	67.24	1
21	0.60	0.49	0.96	70.69	1
22	0.86	0.54	1.06	74.14	1
23	1.07	0.34	0.67	77.59	1
24	1.33	0.21	0.40	81.03	2
25	1.20	0.37	0.72	84.48	2
26	1.03	0.55	1.07	87.93	2
27	0.81	0.76	1.49	91.38	2
28	1.46	0.21	0.42	94.83	2
29	1.51	1.40	2.74	98.28	3

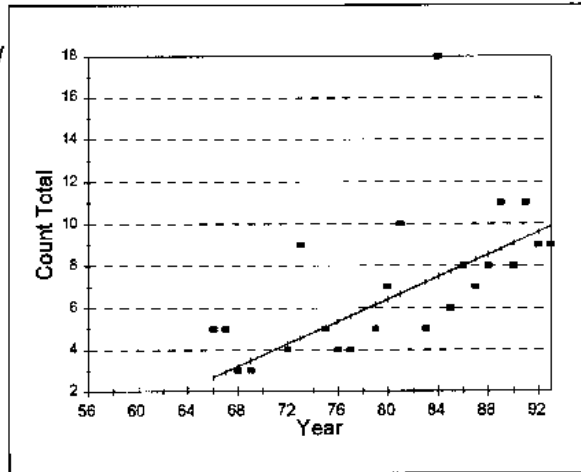
Solitary Vireo

ANWR+CCW

Trend Slope as % of Avg = 4.32%

Regression Statistics

Multiple R	0.62
R Square	0.38
Adjusted R Square	0.36
Standard Error	2.98
Observations	28.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	144.62	144.62	16.24	0.00
Residual	26.00	231.49	8.90		
Total	27.00	376.11			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-14.93	5.27	-2.83	0.01	-25.75	-4.10
x1	0.27	0.07	4.03	0.00	0.13	0.40

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	5.87	-4.87	-1.63	1.79	1
2	2.14	-1.14	-0.38	5.36	1
3	4.01	-2.01	-0.67	8.93	2
4	6.94	-4.94	-1.66	12.50	2
5	3.74	-0.74	-0.25	16.07	3
6	3.21	-0.21	-0.07	19.64	3
7	3.47	-0.47	-0.16	23.21	3
8	5.34	-1.34	-0.45	26.79	4
9	5.61	-1.61	-0.54	30.36	4
10	4.27	-0.27	-0.09	33.93	4
11	7.21	-2.21	-0.74	37.50	5
12	6.14	-1.14	-0.38	41.07	5
13	2.94	2.06	0.69	44.64	5
14	2.67	2.33	0.78	48.21	5
15	5.07	-0.07	-0.02	51.79	5
16	7.74	-1.74	-0.58	55.36	6
17	8.27	-1.27	-0.43	58.93	7
18	6.41	0.59	0.20	62.50	7
19	8.54	-0.54	-0.18	66.07	8
20	9.07	-1.07	-0.36	69.64	8
21	8.01	-0.01	-0.00	73.21	8
22	9.61	-0.61	-0.20	76.79	9
23	9.87	-0.87	-0.29	80.36	9
24	4.54	4.46	1.49	83.93	9
25	6.67	3.33	1.11	87.50	10
26	8.81	2.19	0.73	91.07	11
27	9.34	1.66	0.56	94.64	11
28	7.47	10.53	3.53	98.21	18

Solitary Vireo

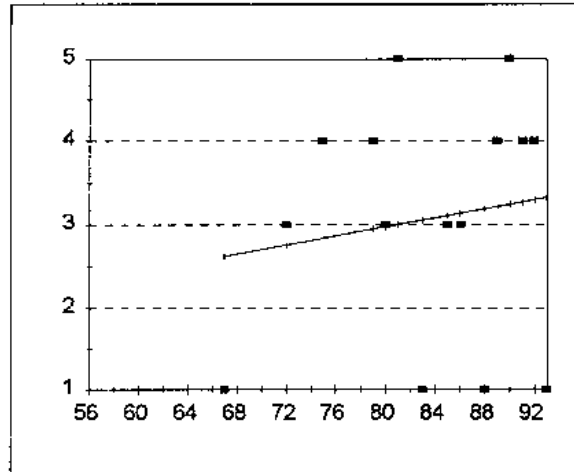
ANWR

1 outlier removed

Trend Slope as % of Avg = 0.88%

Regression Statistics

Multiple R	0.15
R Square	0.02
Adjusted R Square	-0.05
Standard Error	1.48
Observations	15.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	0.61	0.61	0.28	0.61
Residual	13.00	28.32	2.18		
Total	14.00	28.93			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	0.81	4.28	0.19	0.85	-8.43	10.05
x1	0.03	0.05	0.53	0.60	-0.08	0.14

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	3.06	-2.06	-1.39	3.33	1
2	3.33	-2.33	-1.58	10.00	1
3	2.62	-1.62	-1.10	16.67	1
4	3.19	-2.19	-1.48	23.33	1
5	2.97	0.03	0.02	30.00	3
6	2.76	0.24	0.16	36.67	3
7	3.14	-0.14	-0.09	43.33	3
8	3.11	-0.11	-0.07	50.00	3
9	2.84	1.16	0.79	56.67	4
10	2.95	1.05	0.71	63.33	4
11	3.22	0.78	0.53	70.00	4
12	3.27	0.73	0.49	76.67	4
13	3.30	0.70	0.47	83.33	4
14	3.25	1.75	1.19	90.00	5
15	3.00	2.00	1.35	96.67	5

Solitary Vireo

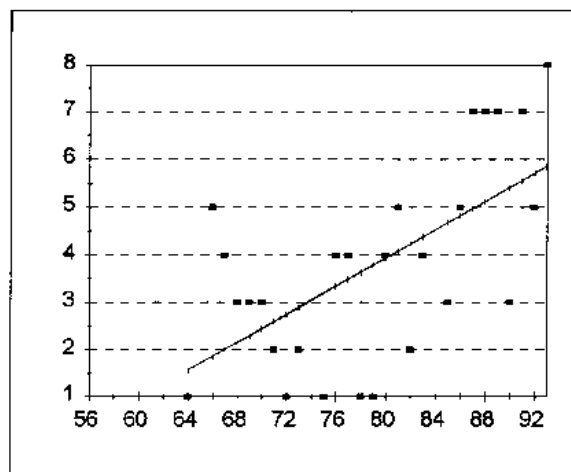
CCW

1 outlier removed

Trend Slope as % of Avg = 3.92%

Regression Statistics

Multiple R	0.62
R Square	0.38
Adjusted R Square	0.35
Standard Error	1.70
Observations	27.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	44.14	44.14	15.21	0.00
Residual	25.00	72.53	2.90		
Total	26.00	116.67			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-7.93	3.02	-2.63	0.01	-14.14	-1.71
x1	0.15	0.04	3.90	0.00	0.07	0.23

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	3.64	-2.64	-1.55	1.85	1
2	1.56	-0.56	-0.33	5.56	1
3	2.75	-1.75	-1.02	9.26	1
4	3.19	-2.19	-1.29	12.96	1
5	3.78	-2.78	-1.63	16.67	1
6	2.60	-0.60	-0.35	20.37	2
7	2.89	-0.89	-0.52	24.07	2
8	4.23	-2.23	-1.31	27.78	2
9	2.45	0.55	0.32	31.48	3
10	2.15	0.85	0.50	35.19	3
11	5.41	-2.41	-1.42	38.89	3
12	4.67	-1.67	-0.98	42.59	3
13	2.30	0.70	0.41	46.30	3
14	2.00	2.00	1.17	50.00	4
15	3.49	0.51	0.30	53.70	4
16	4.38	-0.38	-0.22	57.41	4
17	3.93	0.07	0.04	61.11	4
18	3.34	0.66	0.39	64.81	4
19	1.86	3.14	1.85	68.52	5
20	4.08	0.92	0.54	72.22	5
21	5.71	-0.71	-0.42	75.93	5
22	4.82	0.18	0.11	79.63	5
23	5.12	1.88	1.11	83.33	7
24	4.97	2.03	1.19	87.04	7
25	5.56	1.44	0.84	90.74	7
26	5.27	1.73	1.02	94.44	7
27	5.86	2.14	1.26	98.15	8

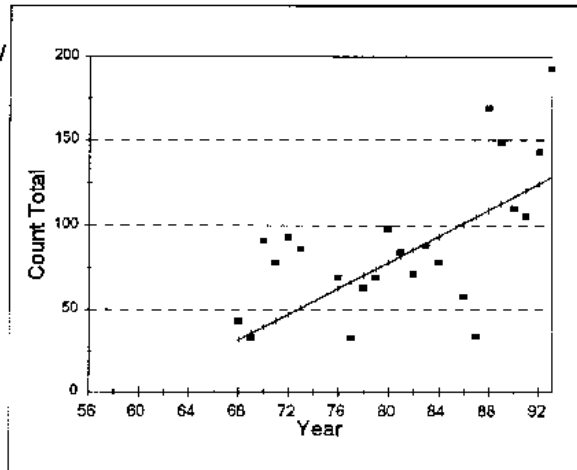
Orange-crowned Warbler

ANWR+CCW

Trend Slope as % of Avg = 5.49%

Regression Statistics

Multiple R	0.73
R Square	0.53
Adjusted R Square	0.51
Standard Error	33.72
Observations	31.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	36852.26	36852.26	32.42	0.00
Residual	29.00	32964.58	1136.71		
Total	30.00	69816.84			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-230.48	53.15	-4.34	0.00	-339.19	-121.77
x1	3.85	0.68	5.69	0.00	2.47	5.24

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	12.37	-9.37	-0.28	1.61	3
2	23.94	-13.94	-0.41	4.84	10
3	16.23	-4.23	-0.13	8.06	12
4	20.08	-7.08	-0.21	11.29	13
5	27.79	-8.79	-0.26	14.52	19
6	58.63	-34.63	-1.03	17.74	24
7	54.77	-28.77	-0.85	20.97	26
8	97.18	-66.18	-1.96	24.19	31
9	66.34	-33.34	-0.99	27.42	33
10	35.50	-2.50	-0.07	30.65	33
11	104.89	-70.89	-2.10	33.87	34
12	31.65	11.35	0.34	37.10	43
13	101.03	-43.03	-1.28	40.32	58
14	70.19	-7.19	-0.21	43.55	63
15	74.05	-5.05	-0.15	46.77	69
16	62.48	6.52	0.19	50.00	69
17	85.61	-14.61	-0.43	53.23	71
18	93.32	-15.32	-0.45	56.45	78
19	43.21	34.79	1.03	59.68	78
20	81.76	2.24	0.07	62.90	84
21	50.92	35.08	1.04	66.13	86
22	89.47	-1.47	-0.04	69.35	88
23	39.35	51.65	1.53	72.58	91
24	47.06	45.94	1.36	75.81	93
25	77.90	20.10	0.60	79.03	98
26	120.31	-15.31	-0.45	82.26	105
27	116.45	-6.45	-0.19	85.48	110
28	124.16	18.84	0.56	88.71	143
29	112.60	36.40	1.08	91.94	149
30	108.74	60.26	1.79	95.16	169
31	128.02	64.98	1.93	98.39	193

Orange-crowned Warbler

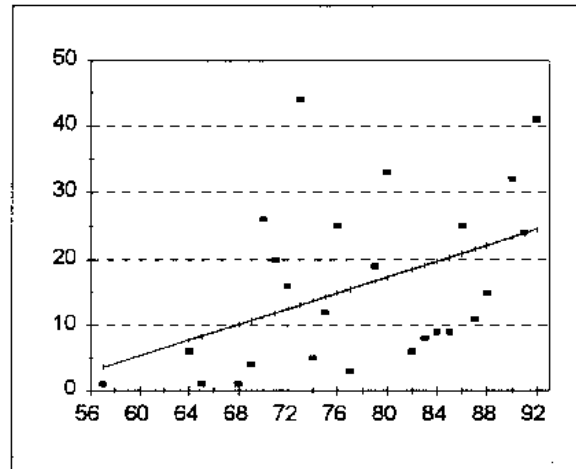
ANWR

2 outliers removed

Trend Slope as % of Avg = 3.78%

Regression Statistics

Multiple R	0.44
R Square	0.19
Adjusted R Square	0.16
Standard Error	11.57
Observations	25.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>		
Regression	1.00	740.42	740.42	5.53	0.03		
Residual	23.00	3076.94	133.78				
Total	24.00	3817.36					

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-30.52	19.84	-1.54	0.14	-71.56	10.53
x1	0.60	0.25	2.35	0.03	0.07	1.12

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	3.57	-2.57	-0.22	2.00	1
2	10.15	-9.15	-0.79	6.00	1
3	8.35	-7.35	-0.64	10.00	1
4	15.53	-12.53	-1.08	14.00	3
5	10.74	-6.74	-0.58	18.00	4
6	13.73	-8.73	-0.76	22.00	5
7	7.75	-1.75	-0.15	26.00	6
8	18.52	-12.52	-1.08	30.00	6
9	19.12	-11.12	-0.96	34.00	8
10	19.72	-10.72	-0.93	38.00	9
11	20.31	-11.31	-0.98	42.00	9
12	21.51	-10.51	-0.91	46.00	11
13	14.33	-2.33	-0.20	50.00	12
14	22.11	-7.11	-0.61	54.00	15
15	12.54	3.46	0.30	58.00	16
16	16.73	2.27	0.20	62.00	19
17	11.94	8.06	0.70	66.00	20
18	23.90	0.10	0.01	70.00	24
19	20.91	4.09	0.35	74.00	25
20	14.93	10.07	0.87	78.00	25
21	11.34	14.66	1.27	82.00	26
22	23.30	8.70	0.75	86.00	32
23	17.32	15.68	1.36	90.00	33
24	24.50	16.50	1.43	94.00	41
25	13.14	30.86	2.67	98.00	44

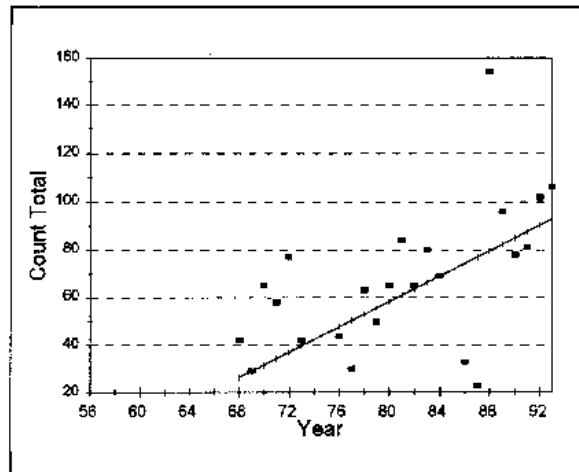
Orange-crowned Warbler

CCW

Trend Slope as % of Avg = 5.03%

Regression Statistics

Multiple R	0.68
R Square	0.47
Adjusted R Square	0.45
Standard Error	26.24
Observations	31.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	17580.49	17580.49	25.54	0.00
Residual	29.00	19965.38	688.46		
Total	30.00	37545.87			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-154.74	41.37	-3.74	0.00	-239.34	-70.14
x1	2.66	0.53	5.05	0.00	1.58	3.74

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	13.00	-10.00	-0.38	1.61	3
2	15.66	-9.66	-0.37	4.84	6
3	20.99	-10.99	-0.42	8.06	10
4	44.95	-32.95	-1.26	11.29	12
5	18.32	-6.32	-0.24	14.52	12
6	23.65	-4.65	-0.18	17.74	19
7	42.29	-21.29	-0.81	20.97	21
8	71.57	-49.57	-1.89	24.19	22
9	76.90	-53.90	-2.05	27.42	23
10	28.97	0.03	0.00	30.65	29
11	50.27	-20.27	-0.77	33.87	30
12	74.24	-41.24	-1.57	37.10	33
13	39.62	2.38	0.09	40.32	42
14	26.31	15.69	0.60	43.55	42
15	47.61	-3.61	-0.14	46.77	44
16	55.60	-5.60	-0.21	50.00	50
17	34.30	23.70	0.90	53.23	58
18	52.94	10.06	0.38	56.45	63
19	63.59	1.41	0.05	59.68	65
20	58.26	6.74	0.26	62.90	65
21	31.64	33.36	1.27	66.13	65
22	68.91	0.09	0.00	69.35	69
23	36.96	40.04	1.53	72.58	77
24	84.89	-6.89	-0.26	75.81	78
25	66.25	13.75	0.52	79.03	80
26	87.55	-6.55	-0.25	82.26	81
27	60.92	23.08	0.88	85.48	84
28	82.22	13.78	0.53	88.71	96
29	90.21	11.79	0.45	91.94	102
30	92.87	13.13	0.50	95.16	106
31	79.56	74.44	2.84	98.39	154

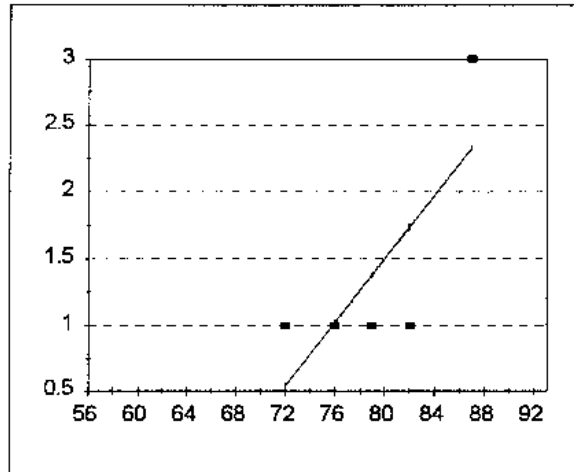
Nashville Warbler

ANWR

Trend Slope as % of Avg = 8.52%

Regression Statistics

Multiple R	0.76
R Square	0.58
Adjusted R Square	0.44
Standard Error	0.67
Observations	5.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	1.86	1.86	4.17	0.13
Residual	3.00	1.34	0.45		
Total	4.00	3.20			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-8.05	4.64	-1.74	0.16	-22.80	6.71
x1	0.12	0.06	2.04	0.11	-0.07	0.31

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	0.54	0.46	0.69	10.00	1
2	1.73	-0.73	-1.10	30.00	1
3	1.38	-0.38	-0.56	50.00	1
4	1.02	-0.02	-0.03	70.00	1
5	2.33	0.67	1.00	90.00	3

Yellow-rumped Warbler

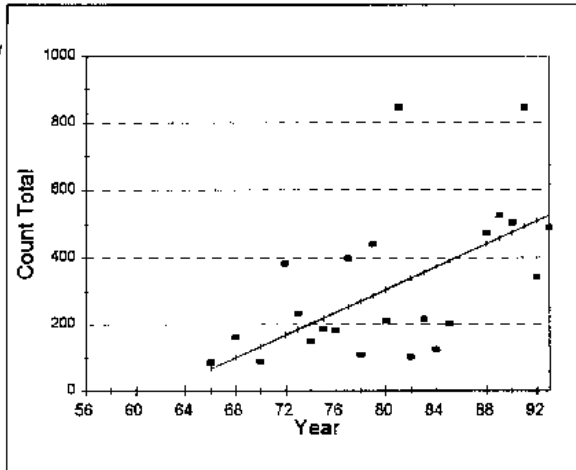
ANWR+CCW

2 outliers removed

Trend Slope as % of Avg = 6.52%

Regression Statistics

Multiple R	0.68
R Square	0.47
Adjusted R Square	0.45
Standard Error	168.38
Observations	29.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	673079.73	673079.73	23.74	0.00
Residual	27.00	765500.96	28351.89		
Total	28.00	1438580.69			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-1056.26	272.13	-3.88	0.00	-1614.63	-497.89
x1	17.01	3.49	4.87	0.00	9.85	24.18

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	49.68	-28.68	-0.17	1.72	21
2	32.87	-1.67	-0.01	5.17	31
3	151.77	-109.77	-0.65	8.62	42
4	15.65	33.35	0.20	12.07	49
5	117.74	-64.74	-0.38	15.52	53
6	83.71	-24.71	-0.15	18.97	59
7	66.70	19.30	0.11	22.41	88
8	134.75	-46.75	-0.28	25.86	88
9	338.93	-236.93	-1.41	29.31	102
10	270.87	-160.87	-0.96	32.76	110
11	372.96	-245.96	-1.46	36.21	127
12	202.81	-51.81	-0.31	39.66	151
13	100.73	61.27	0.36	43.10	162
14	236.84	-52.84	-0.31	46.55	184
15	219.83	-31.83	-0.19	50.00	188
16	389.97	-188.97	-1.12	53.45	201
17	304.90	-92.90	-0.55	56.90	212
18	355.94	-138.94	-0.83	60.34	217
19	185.80	50.20	0.30	63.79	236
20	509.07	-167.07	-0.99	67.24	342
21	168.78	214.22	1.27	70.69	383
22	253.86	144.14	0.86	74.14	398
23	287.89	152.11	0.90	77.59	440
24	441.02	31.98	0.19	81.03	473
25	526.09	-36.09	-0.21	84.48	490
26	475.04	29.96	0.18	87.93	505
27	458.03	65.97	0.39	91.38	524
28	492.06	353.94	2.10	94.83	846
29	321.91	524.09	3.11	98.28	846

Yellow-rumped Warbler

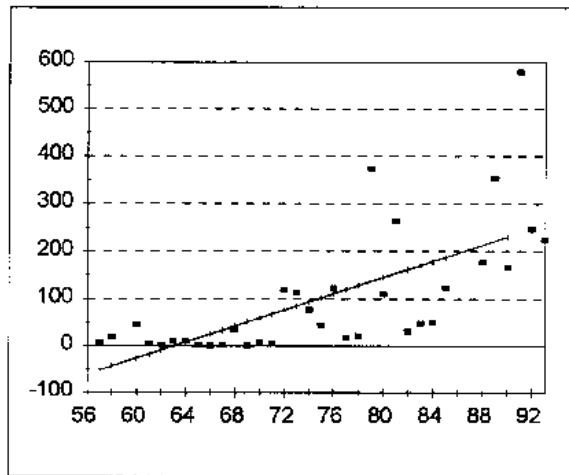
2 outliers removed

Trend Slope as % of Avg = 8.99%

Regression Statistics

Multiple R	0.68
R Square	0.46
Adjusted R Square	0.44
Standard Error	99.13
Observations	34.00

ANWR



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	268768.78	268768.78	27.35	0.00
Residual	32.00	314469.45	9827.17		
Total	33.00	583238.24			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-537.44	123.15	-4.36	0.00	-788.28	-286.60
x1	8.53	1.63	5.23	0.00	5.21	11.85

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	25.42	-24.42	-0.25	1.47	1
2	51.00	-50.00	-0.50	4.41	1
3	16.89	-14.89	-0.15	7.35	2
4	-8.70	11.70	0.12	10.29	3
5	33.94	-30.94	-0.31	13.24	3
6	68.06	-62.06	-0.63	16.18	6
7	-17.23	23.23	0.23	19.12	6
8	59.53	-52.53	-0.53	22.06	7
9	-51.34	58.34	0.59	25.00	7
10	8.36	1.64	0.02	27.94	10
11	-0.17	11.17	0.11	30.88	11
12	119.22	-103.22	-1.04	33.82	16
13	-42.81	62.81	0.63	36.76	20
14	127.75	-106.75	-1.08	39.71	21
15	161.86	-130.86	-1.32	42.65	31
16	42.47	-8.47	-0.09	45.59	34
17	102.17	-58.17	-0.59	48.53	44
18	-25.75	71.75	0.72	51.47	46
19	170.39	-122.39	-1.23	54.41	48
20	178.92	-127.92	-1.29	57.35	51
21	93.64	-16.64	-0.17	60.29	77
22	144.81	-34.81	-0.35	63.24	110
23	85.11	26.89	0.27	66.18	112
24	76.58	42.42	0.43	69.12	119
25	110.70	11.30	0.11	72.06	122
26	187.45	-64.45	-0.65	75.00	123
27	230.09	-65.09	-0.66	77.94	185
28	213.03	-36.03	-0.36	80.88	177
29	255.67	-31.67	-0.32	83.82	224
30	247.14	-0.14	-0.00	86.76	247
31	153.34	110.66	1.12	89.71	264
32	221.56	132.44	1.34	92.65	354
33	136.28	237.72	2.40	95.59	374
34	238.62	339.38	3.42	98.53	578

Yellow-rumped Warbler

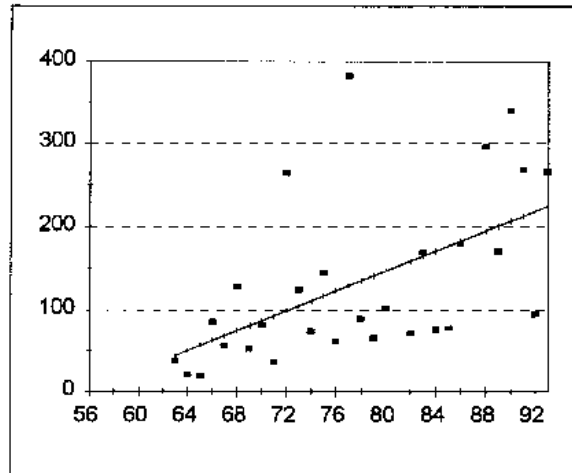
CCW

2 outliers removed

Trend Slope as % of Avg = 4.54%

Regression Statistics

Multiple R	0.55
R Square	0.31
Adjusted R Square	0.28
Standard Error	84.48
Observations	29.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	85729.71	85729.71	12.01	0.00
Residual	27.00	192690.98	7136.70		
Total	28.00	278420.69			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-333.06	135.12	-2.46	0.02	-610.31	-55.81
x1	6.00	1.73	3.47	0.00	2.45	9.54

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	56.64	-37.64	-0.45	1.72	19
2	50.65	-29.65	-0.35	5.17	21
3	92.62	-56.62	-0.67	8.62	36
4	44.65	-6.65	-0.08	12.07	38
5	80.63	-28.63	-0.34	15.52	52
6	68.63	-12.63	-0.15	18.97	56
7	122.59	-60.59	-0.72	22.41	62
8	140.58	-74.58	-0.88	25.86	66
9	158.57	-87.57	-1.04	29.31	71
10	110.60	-36.60	-0.43	32.76	74
11	170.56	-94.56	-1.12	36.21	76
12	176.55	-98.55	-1.17	39.66	78
13	86.62	-5.62	-0.07	43.10	81
14	62.64	22.36	0.26	46.55	85
15	134.58	-45.58	-0.54	50.00	89
16	218.52	-123.52	-1.46	53.45	95
17	146.58	-44.58	-0.53	56.90	102
18	104.61	19.39	0.23	60.34	124
19	74.63	53.37	0.63	63.79	128
20	116.60	27.40	0.32	67.24	144
21	164.56	4.44	0.05	70.69	169
22	200.53	-30.53	-0.36	74.14	170
23	182.55	-3.55	-0.04	77.59	179
24	98.61	165.39	1.96	81.03	264
25	224.52	41.48	0.49	84.48	266
26	212.52	55.48	0.66	87.93	268
27	194.54	101.46	1.20	91.38	296
28	206.53	133.47	1.58	94.83	340
29	128.59	253.41	3.00	98.28	382

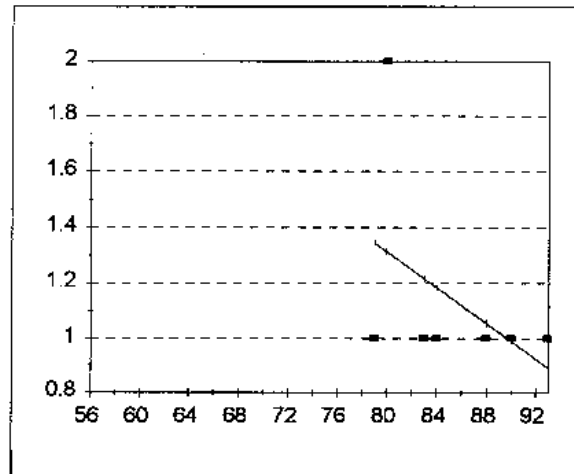
Palm Warbler

ANWR

Trend Slope as % of Avg = -2.83%

Regression Statistics

Multiple R	0.45
R Square	0.20
Adjusted R Square	0.04
Standard Error	0.37
Observations	7.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	0.17	0.17	1.25	0.32
Residual	5.00	0.69	0.14		
Total	6.00	0.86			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	3.90	2.48	1.58	0.17	-2.46	10.26
x1	-0.03	0.03	-1.12	0.31	-0.11	0.04

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	0.99	0.01	0.03	7.14	1
2	1.35	-0.35	-0.93	21.43	1
3	0.89	0.11	0.29	35.71	1
4	1.22	-0.22	-0.59	50.00	1
5	1.06	-0.06	-0.15	64.29	1
6	1.18	-0.18	-0.50	78.57	1
7	1.31	0.69	1.85	92.86	2

Pine Warbler

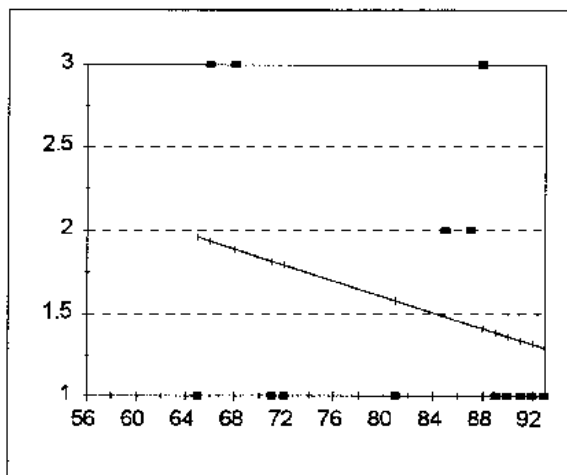
1 outlier removed

Trend Slope as % of Avg = -1.51%

Regression Statistics

Multiple R	0.29
R Square	0.09
Adjusted R Square	0.01
Standard Error	0.85
Observations	14.00

CCW



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	0.82	0.82	1.14	0.31
Residual	12.00	8.61	0.72		
Total	13.00	9.43			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	3.51	1.83	1.92	0.08	-0.48	7.49
x1	-0.02	0.02	-1.07	0.31	-0.07	0.02

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	1.58	-0.58	-0.68	3.57	1
2	1.82	-0.82	-0.96	10.71	1
3	1.96	-0.96	-1.13	17.86	1
4	1.79	-0.79	-0.94	25.00	1
5	1.29	-0.29	-0.35	32.14	1
6	1.39	-0.39	-0.46	39.29	1
7	1.34	-0.34	-0.40	46.43	1
8	1.32	-0.32	-0.37	53.57	1
9	1.36	-0.36	-0.43	60.71	1
10	1.44	0.58	0.67	67.86	2
11	1.48	0.52	0.61	75.00	2
12	1.41	1.59	1.87	82.14	3
13	1.89	1.11	1.31	89.29	3
14	1.94	1.06	1.26	96.43	3

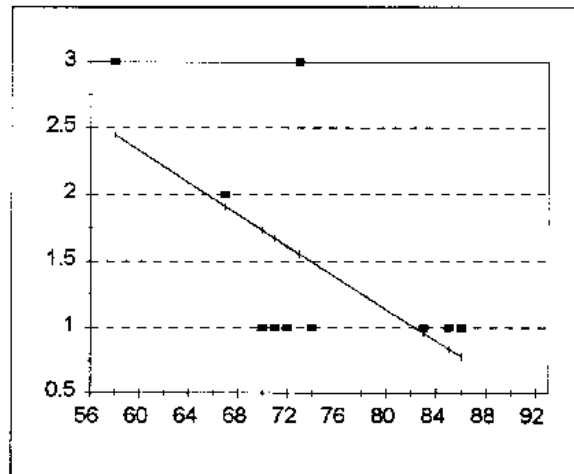
Black-and-white Warbler

Trend Slope as % of Avg = -3.97%

Regression Statistics

Multiple R	0.61
R Square	0.37
Adjusted R Square	0.29
Standard Error	0.72
Observations	10.00

ANWR



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>	
Regression	1.00	2.41	2.41	4.71	0.06	
Residual	8.00	4.09	0.51			
Total	9.00	6.50				

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	5.90	2.04	2.89	0.02	1.20	10.59
x1	-0.06	0.03	-2.17	0.06	-0.12	0.00

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	0.78	0.22	0.31	5.00	1
2	0.84	0.16	0.22	15.00	1
3	1.61	-0.61	-0.86	25.00	1
4	1.67	-0.67	-0.94	35.00	1
5	1.73	-0.73	-1.02	45.00	1
6	0.96	0.04	0.06	55.00	1
7	1.49	-0.49	-0.69	65.00	1
8	1.91	0.09	0.13	75.00	2
9	2.45	0.55	0.78	85.00	3
10	1.55	1.45	2.02	95.00	3

Common Yellowthroat

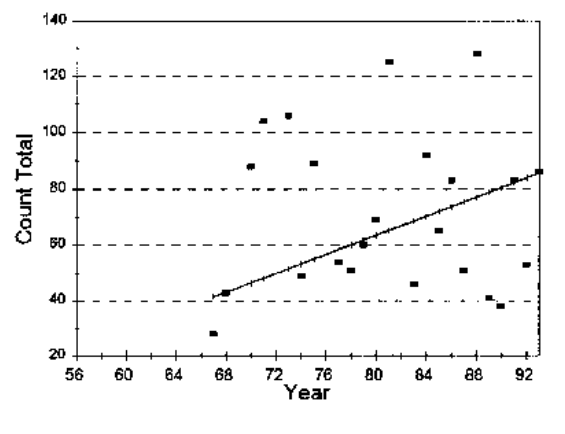
ANWR+CCW

3 outliers removed

Trend Slope as % of Avg = 2.81%

Regression Statistics

Multiple R	0.47
R Square	0.22
Adjusted R Square	0.19
Standard Error	31.13
Observations	28.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	6965.49	6965.49	7.19	0.01
Residual	26.00	25196.94	969.11		
Total	27.00	32162.43			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-72.12	49.76	-1.45	0.16	-174.41	30.17
x1	1.70	0.63	2.68	0.01	0.40	3.00

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	38.08	-37.08	-1.19	1.79	1
2	34.68	-27.68	-0.89	5.36	7
3	39.77	-27.77	-0.89	8.93	12
4	36.38	-24.38	-0.78	12.50	12
5	44.86	-18.86	-0.61	16.07	26
6	41.47	-13.47	-0.43	19.64	28
7	80.46	-42.46	-1.36	23.21	38
8	78.76	-37.76	-1.21	26.79	41
9	43.16	-0.16	-0.01	30.36	43
10	68.59	-22.59	-0.73	33.93	46
11	53.33	-4.33	-0.14	37.50	49
12	60.11	-9.11	-0.29	41.07	51
13	75.37	-24.37	-0.78	44.64	51
14	83.85	-30.85	-0.99	48.21	53
15	58.42	-4.42	-0.14	51.79	54
16	61.81	-1.81	-0.06	55.36	60
17	71.98	-6.98	-0.22	58.93	65
18	63.51	5.49	0.18	62.50	69
19	73.68	9.32	0.30	66.07	83
20	82.15	0.85	0.03	69.64	83
21	85.55	0.45	0.01	73.21	86
22	46.55	41.45	1.33	76.79	88
23	55.03	33.97	1.09	80.36	89
24	70.29	21.71	0.70	83.93	92
25	48.25	55.75	1.79	87.50	104
26	51.64	54.36	1.75	91.07	106
27	65.20	59.80	1.92	94.64	125
28	77.07	50.93	1.64	98.21	128

Common Yellowthroat

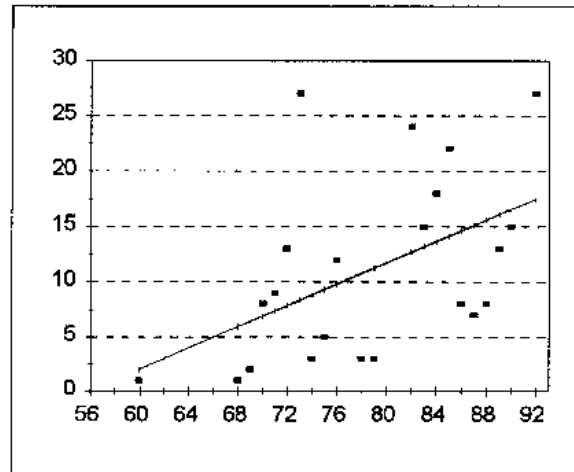
ANWR

3 outliers removed

Trend Slope as % of Avg = 4.36%

Regression Statistics

Multiple R	0.50
R Square	0.25
Adjusted R Square	0.21
Standard Error	7.38
Observations	22.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	358.34	358.34	6.58	0.02
Residual	20.00	1089.47	54.47		
Total	21.00	1447.82			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-26.98	14.93	-1.81	0.09	-58.11	4.16
x1	0.48	0.19	2.56	0.02	0.09	0.88

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	2.05	-1.05	-0.14	2.27	1
2	5.92	-4.92	-0.67	6.82	1
3	6.41	-4.41	-0.60	11.36	2
4	11.24	-8.24	-1.12	15.91	3
5	8.83	-5.83	-0.79	20.45	3
6	10.76	-7.76	-1.05	25.00	3
7	9.31	-4.31	-0.58	29.55	5
8	15.12	-8.12	-1.10	34.09	7
9	6.89	1.11	0.15	38.64	8
10	15.60	-7.60	-1.03	43.18	8
11	14.63	-6.63	-0.90	47.73	8
12	7.37	1.63	0.22	52.27	9
13	9.79	2.21	0.30	56.82	12
14	16.08	-3.08	-0.42	61.36	13
15	7.86	5.14	0.70	65.91	13
16	16.57	-1.57	-0.21	70.45	15
17	13.18	1.82	0.25	75.00	15
18	13.66	4.34	0.59	79.55	18
19	14.15	7.85	1.06	84.09	22
20	12.70	11.30	1.53	88.64	24
21	8.34	18.66	2.53	93.18	27
22	17.53	9.47	1.28	97.73	27

Common Yellowthroat

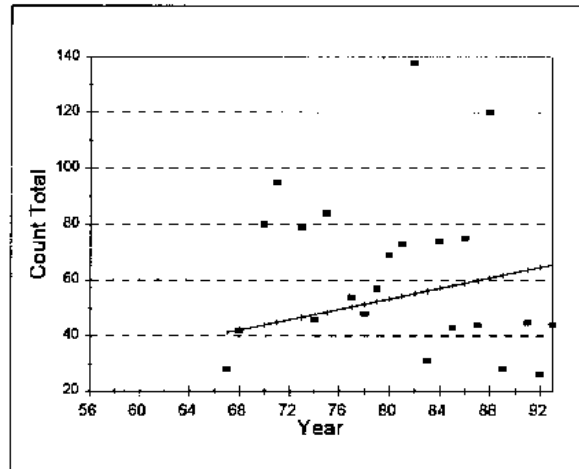
CCW

2 outliers removed

Trend Slope as % of Avg = 1.80%

Regression Statistics

Multiple R	0.26
R Square	0.07
Adjusted R Square	0.04
Standard Error	32.31
Observations	29.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	2126.17	2126.17	2.04	0.16
Residual	27.00	28180.59	1043.73		
Total	28.00	30306.76			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-21.31	51.57	-0.41	0.68	-127.12	84.50
x1	0.93	0.65	1.43	0.16	-0.41	2.28

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	39.39	-38.39	-1.19	1.72	1
2	37.53	-30.53	-0.94	5.17	7
3	40.33	-28.33	-0.88	8.62	12
4	38.46	-26.46	-0.82	12.07	12
5	62.74	-39.74	-1.23	15.52	23
6	43.13	-19.13	-0.59	18.97	24
7	64.61	-38.61	-1.20	22.41	26
8	41.26	-13.26	-0.41	25.86	28
9	61.81	-33.81	-1.05	29.31	28
10	56.20	-25.20	-0.78	32.76	31
11	42.20	-0.20	-0.01	36.21	42
12	58.07	-15.07	-0.47	39.66	43
13	59.94	-15.94	-0.49	43.10	44
14	65.54	-21.54	-0.67	46.55	44
15	63.68	-18.68	-0.58	50.00	45
16	47.80	-1.80	-0.06	53.45	46
17	51.54	-3.54	-0.11	56.90	48
18	50.60	3.40	0.11	60.34	54
19	52.47	4.53	0.14	63.79	57
20	53.40	15.60	0.48	67.24	69
21	54.34	18.66	0.58	70.69	73
22	57.14	16.86	0.52	74.14	74
23	59.01	15.99	0.50	77.59	75
24	46.87	32.13	0.99	81.03	79
25	44.06	35.94	1.11	84.48	80
26	48.73	35.27	1.09	87.93	84
27	45.00	50.00	1.55	91.38	95
28	60.87	59.13	1.83	94.83	120
29	55.27	82.73	2.56	98.28	138

Wilson's Warbler

Data Corrected:
Count/(Party Hours^B)
where B = .61

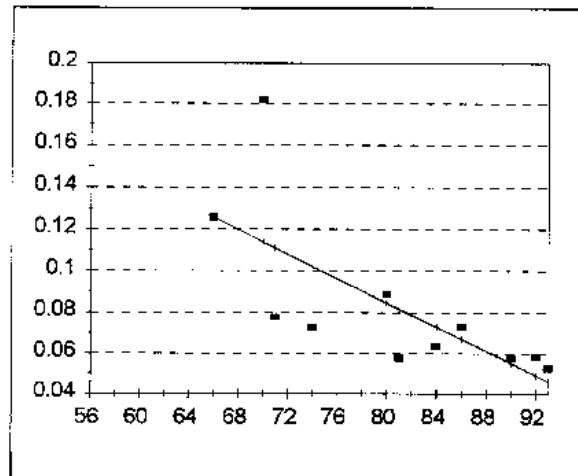
2 outliers removed

Trend Slope as % of Avg = -9.37%

Regression Statistics

Multiple R	0.71
R Square	0.50
Adjusted R Square	0.45
Standard Error	0.03
Observations	11.00

CCW



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	0.01	0.01	9.13	0.01
Residual	9.00	0.01	0.00		
Total	10.00	0.02			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	0.32	0.08	4.05	0.00	0.14	0.50
x1	-0.00	0.00	-3.02	0.01	-0.01	-0.00

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	0.05	0.01	0.23	4.55	0
2	0.08	-0.02	-0.84	13.64	0
3	0.06	0.00	0.09	22.73	0
4	0.05	0.01	0.32	31.82	0
5	0.07	-0.01	-0.32	40.91	0
6	0.10	-0.03	-1.03	50.00	0
7	0.07	0.01	0.21	59.09	0
8	0.11	-0.03	-1.16	68.18	0
9	0.08	0.00	0.15	77.27	0
10	0.13	-0.00	-0.00	86.36	0
11	0.11	0.07	2.36	95.45	0

Olive Sparrow

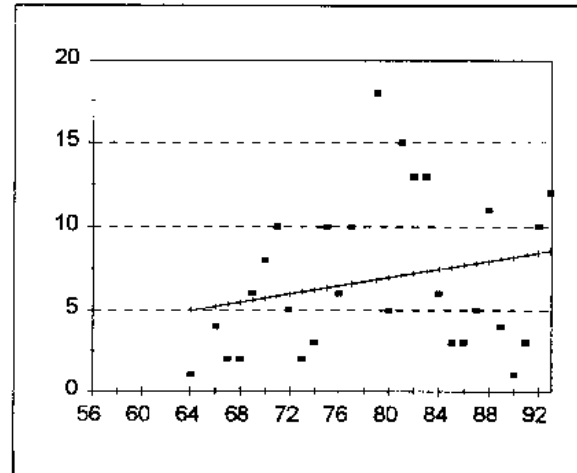
CCW

1 outlier removed

Trend Slope as % of Avg = 1.81%

Regression Statistics

Multiple R	0.23
R Square	0.05
Adjusted R Square	0.02
Standard Error	4.59
Observations	28.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	31.35	31.35	1.49	0.23
Residual	26.00	546.76	21.03		
Total	27.00	578.11			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-2.93	8.03	-0.36	0.72	-19.44	13.58
x1	0.12	0.10	1.22	0.23	-0.08	0.33

Observations	Predicted Y	Residuals	Stdz Residuals	Percentile	y
1	4.97	-3.97	-0.87	1.79	1
2	8.18	-7.18	-1.57	5.36	1
3	5.34	-3.34	-0.73	8.93	2
4	6.08	-4.08	-0.89	12.50	2
5	5.46	-3.46	-0.76	16.07	2
6	7.69	-4.69	-1.02	19.64	3
7	7.56	-4.56	-0.99	23.21	3
8	6.20	-3.20	-0.70	26.79	3
9	8.30	-5.30	-1.16	30.36	3
10	8.06	-4.06	-0.88	33.93	4
11	5.22	-1.22	-0.27	37.50	4
12	7.81	-2.81	-0.61	41.07	5
13	6.94	-1.94	-0.42	44.64	5
14	5.96	-0.96	-0.21	48.21	5
15	6.45	-0.45	-0.10	51.79	6
16	7.44	-1.44	-0.31	55.36	6
17	5.59	0.41	0.09	58.93	6
18	5.71	2.29	0.50	62.50	8
19	5.83	4.17	0.91	66.07	10
20	6.33	3.67	0.80	69.64	10
21	8.43	1.57	0.34	73.21	10
22	6.57	3.43	0.75	76.79	10
23	7.93	3.07	0.67	80.36	11
24	8.55	3.45	0.75	83.93	12
25	7.32	5.68	1.24	87.50	13
26	7.19	5.81	1.27	91.07	13
27	7.07	7.93	1.73	94.64	15
28	6.82	11.18	2.44	98.21	18

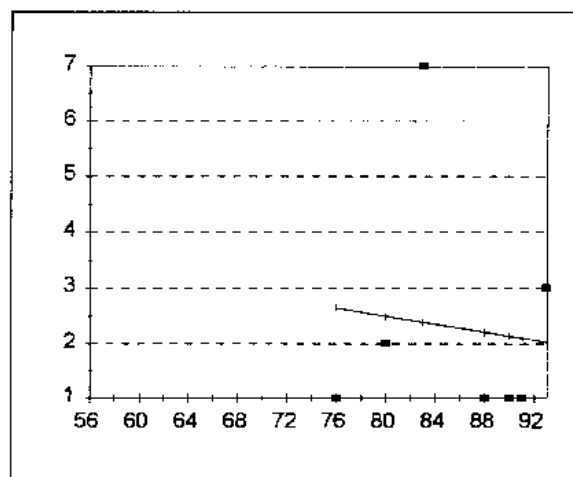
Green-tailed Towhee

CCW

Trend Slope as % of Avg = -1.60%

Regression Statistics

Multiple R	0.10
R Square	0.01
Adjusted R Square	-0.19
Standard Error	2.41
Observations	7.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	0.32	0.32	0.05	0.82
Residual	5.00	29.11	5.82		
Total	6.00	29.43			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	5.42	13.44	0.40	0.70	-29.12	39.95
x1	-0.04	0.16	-0.23	0.82	-0.44	0.36

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	2.13	-1.13	-0.47	7.14	1
2	2.10	-1.10	-0.46	21.43	1
3	2.65	-1.65	-0.68	35.71	1
4	2.21	-1.21	-0.50	50.00	1
5	2.50	-0.50	-0.21	64.29	2
6	2.03	0.97	0.40	78.57	3
7	2.39	4.61	1.91	92.86	7

Rufous-sided Towhee

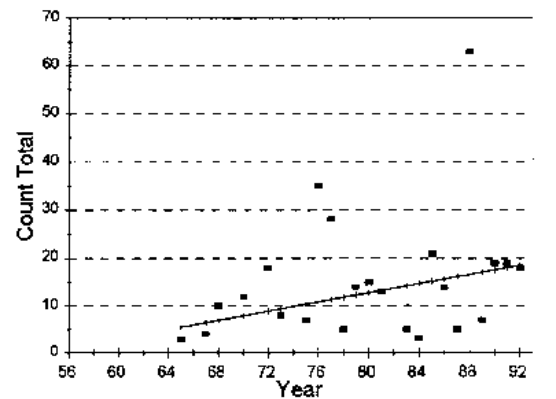
ANWR+CCW

1 outliers removed

Trend Slope as % of Avg = 4.09%

Regression Statistics

Multiple R	0.34
R Square	0.12
Adjusted R Square	0.09
Standard Error	12.37
Observations	30.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	574.81	574.81	3.76	0.06
Residual	28.00	4285.89	153.07		
Total	29.00	4860.70			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-26.15	19.77	-1.32	0.20	-66.65	14.34
x1	0.49	0.25	1.94	0.06	-0.03	1.00

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	13.73	-12.73	-1.03	1.67	1
2	5.95	-4.95	-0.40	5.00	1
3	7.41	-6.41	-0.52	8.33	1
4	19.08	-17.08	-1.38	11.67	2
5	4.49	-2.49	-0.20	15.00	2
6	4.98	-2.98	-0.24	18.33	2
7	9.84	-7.84	-0.63	21.67	2
8	14.71	-11.71	-0.95	25.00	3
9	5.46	-2.46	-0.20	28.33	3
10	6.44	-2.44	-0.20	31.67	4
11	14.22	-9.22	-0.75	35.00	5
12	11.79	-6.79	-0.55	38.33	6
13	16.16	-11.16	-0.90	41.67	5
14	17.14	-10.14	-0.82	45.00	7
15	10.33	-3.33	-0.27	48.33	7
16	9.35	-1.35	-0.11	51.67	8
17	6.92	3.08	0.25	55.00	10
18	7.90	4.10	0.33	58.33	12
19	13.25	-0.25	-0.02	61.67	13
20	12.27	1.73	0.14	65.00	14
21	15.68	-1.68	-0.14	68.33	14
22	12.76	2.24	0.18	71.67	15
23	18.60	-0.60	-0.05	75.00	18
24	8.87	9.13	0.74	78.33	18
25	17.62	1.38	0.11	81.67	19
26	18.11	0.89	0.07	85.00	19
27	15.19	5.81	0.47	88.33	21
28	11.30	16.70	1.35	91.67	28
29	10.81	24.19	1.95	95.00	35
30	16.65	46.35	3.75	98.33	63

Rufous-sided Towhee

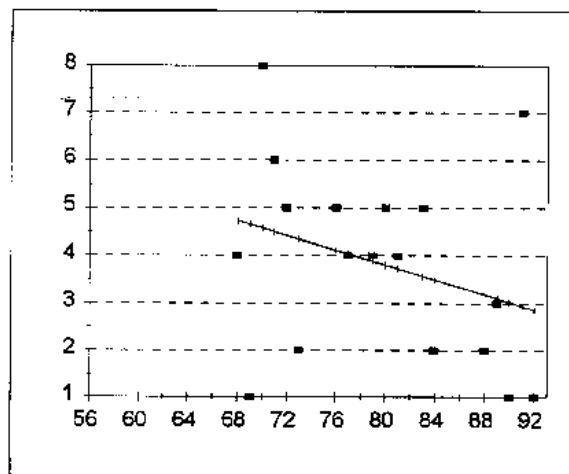
2 outliers removed

Trend Slope as % of Avg = -2.03%

Regression Statistics

Multiple R	0.31
R Square	0.09
Adjusted R Square	0.04
Standard Error	2.03
Observations	18.00

ANWR



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	6.79	6.79	1.65	0.22
Residual	16.00	65.71	4.11		
Total	17.00	72.50			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	10.04	4.85	2.07	0.05	-0.24	20.32
x1	-0.08	0.06	-1.29	0.22	-0.21	0.05

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	4.66	-3.66	-1.81	2.78	1
2	2.87	-1.87	-0.92	8.33	1
3	3.02	-2.02	-1.00	13.89	1
4	3.18	-1.18	-0.58	19.44	2
5	3.49	-1.49	-0.74	25.00	2
6	4.35	-2.35	-1.16	30.56	2
7	3.10	-0.10	-0.05	36.11	3
8	3.88	0.12	0.06	41.67	4
9	3.73	0.27	0.14	47.22	4
10	4.04	-0.04	-0.02	52.78	4
11	4.74	-0.74	-0.36	58.33	4
12	3.57	1.43	0.71	63.89	5
13	4.11	0.89	0.44	69.44	5
14	4.43	0.57	0.28	75.00	5
15	3.80	1.20	0.59	80.56	5
16	4.50	1.50	0.74	86.11	6
17	2.95	4.05	2.00	91.67	7
18	4.58	3.42	1.69	97.22	8

Rufous-sided Towhee

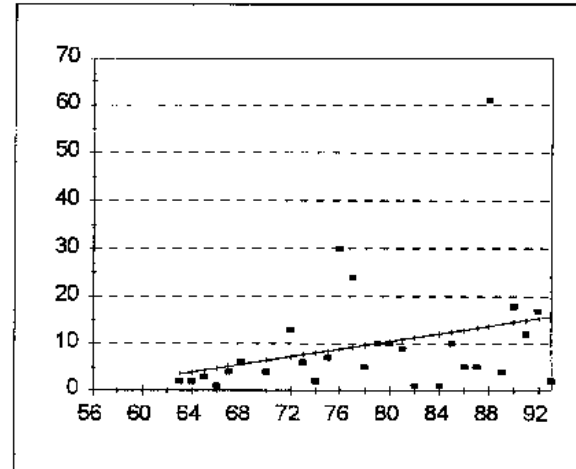
1 outlier removed

Trend Slope as % of Avg = 4.15%

Regression Statistics

Multiple R	0.31
R Square	0.09
Adjusted R Square	0.06
Standard Error	11.95
Observations	28.00

CCW



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	382.66	382.66	2.68	0.11
Residual	26.00	3712.05	142.77		
Total	27.00	4094.71			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-22.05	19.57	-1.13	0.27	-62.28	18.19
x1	0.41	0.25	1.64	0.11	-0.10	0.92

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	4.75	-3.75	-0.31	1.79	1
2	11.25	-10.25	-0.86	5.36	1
3	12.06	-11.06	-0.93	8.93	1
4	8.00	-6.00	-0.50	12.50	2
5	15.72	-13.72	-1.15	16.07	2
6	3.94	-1.94	-0.16	19.64	2
7	3.54	-1.54	-0.13	23.21	2
8	4.35	-1.35	-0.11	26.79	3
9	14.09	-10.09	-0.84	30.36	4
10	6.38	-2.38	-0.20	33.93	4
11	5.16	-1.16	-0.10	37.50	4
12	9.63	-4.63	-0.39	41.07	5
13	12.87	-7.87	-0.66	44.64	5
14	13.28	-8.28	-0.69	48.21	5
15	5.57	0.43	0.04	51.79	6
16	7.60	-1.60	-0.13	55.36	6
17	8.41	-1.41	-0.12	58.93	7
18	10.84	-1.84	-0.15	62.50	9
19	10.44	-0.44	-0.04	66.07	10
20	12.47	-2.47	-0.21	69.64	10
21	10.03	-0.03	-0.00	73.21	10
22	14.91	-2.91	-0.24	76.79	12
23	7.19	5.81	0.49	80.36	13
24	15.31	1.69	0.14	83.93	17
25	14.50	3.50	0.29	87.50	18
26	9.22	14.78	1.24	91.07	24
27	8.81	21.19	1.77	94.64	30
28	13.69	47.31	3.96	98.21	61

Cassin's Sparrow

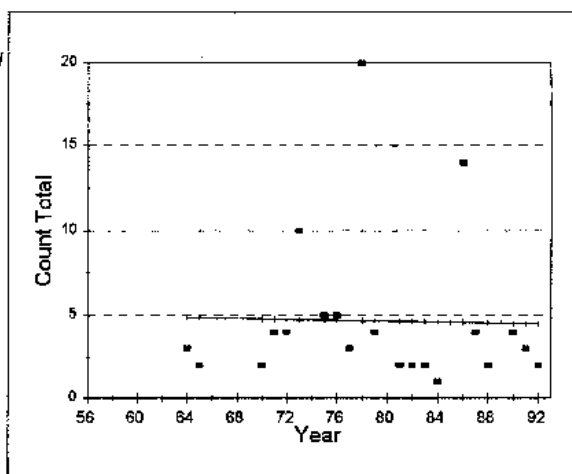
ANWR+CCW

2 outliers removed

Trend Slope as % of Avg = -0.29%

Regression Statistics

Multiple R	0.02
R Square	0.00
Adjusted R Square	-0.05
Standard Error	4.73
Observations	21.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>		
Regression	1.00	0.25	0.25	0.01	0.92		
Residual	19.00	424.42	22.34				
Total	20.00	424.67					
	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>	
Intercept	5.73	10.20	0.56	0.58	-15.62	27.08	
x1	-0.01	0.13	-0.11	0.92	-0.28	0.25	
<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>		<i>y</i>	
1	4.60	-3.60	-0.76	2.38		1	
2	4.79	-2.79	-0.59	7.14		2	
3	4.86	-2.86	-0.60	11.90		2	
4	4.62	-2.62	-0.55	16.67		2	
5	4.55	-2.55	-0.54	21.43		2	
6	4.63	-2.63	-0.56	26.19		2	
7	4.49	-2.49	-0.53	30.95		2	
8	4.64	-2.64	-0.56	35.71		2	
9	4.70	-1.70	-0.36	40.48		3	
10	4.87	-1.87	-0.40	45.24		3	
11	4.51	-1.51	-0.32	50.00		3	
12	4.52	-0.52	-0.11	54.76		4	
13	4.67	-0.67	-0.14	59.52		4	
14	4.78	-0.78	-0.16	64.29		4	
15	4.56	-0.56	-0.12	69.05		4	
16	4.76	-0.76	-0.16	73.81		4	
17	4.72	0.28	0.06	78.57		5	
18	4.71	0.29	0.06	83.33		5	
19	4.75	5.25	1.11	88.10		10	
20	4.58	9.42	1.99	92.86		14	
21	4.68	15.32	3.24	97.62		20	

Cassin's Sparrow

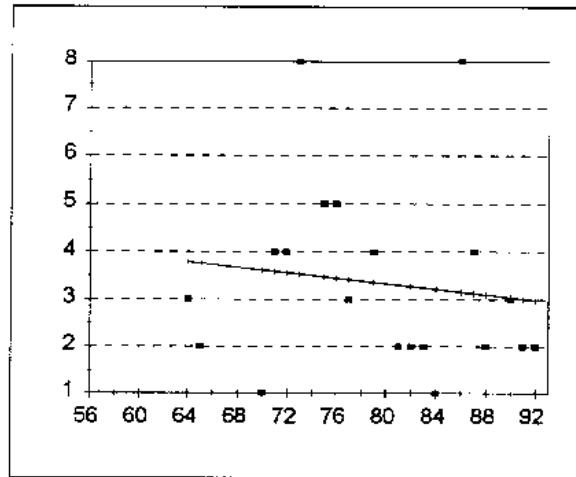
3 outliers removed

Trend Slope as % of Avg = -0.86%

Regression Statistics

Multiple R	0.12
R Square	0.02
Adjusted R Square	-0.04
Standard Error	2.02
Observations	20.00

CCW



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	1.12	1.12	0.28	0.61
Residual	18.00	73.43	4.08		
Total	19.00	74.55			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	5.63	4.37	1.29	0.21	-3.54	14.80
x1	-0.03	0.05	-0.52	0.61	-0.14	0.09

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	3.62	-2.62	-1.30	2.50	1
2	3.21	-2.21	-1.10	7.50	1
3	3.76	-1.76	-0.87	12.50	2
4	3.27	-1.27	-0.63	17.50	2
5	2.98	-0.98	-0.49	22.50	2
6	3.30	-1.30	-0.64	27.50	2
7	3.01	-1.01	-0.50	32.50	2
8	3.24	-1.24	-0.62	37.50	2
9	3.10	-1.10	-0.54	42.50	2
10	3.79	-0.79	-0.39	47.50	3
11	3.04	-0.04	-0.02	52.50	3
12	3.42	-0.42	-0.21	57.50	3
13	3.56	0.44	0.22	62.50	4
14	3.13	0.87	0.43	67.50	4
15	3.36	0.64	0.32	72.50	4
16	3.59	0.41	0.20	77.50	4
17	3.47	1.53	0.76	82.50	5
18	3.44	1.56	0.77	87.50	5
19	3.53	4.47	2.21	92.50	8
20	3.16	4.84	2.40	97.50	8

Chipping Sparrow

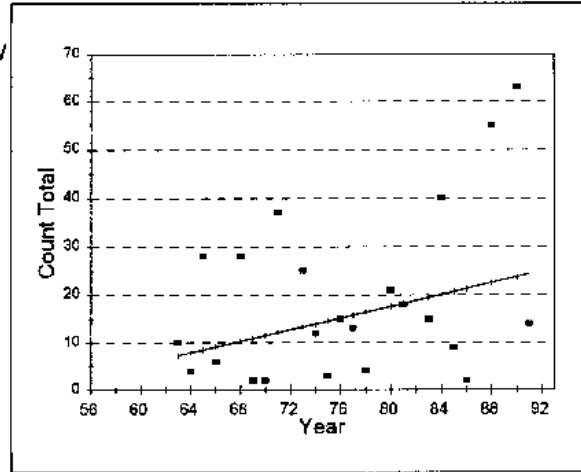
ANWR+CCW

3 outliers removed

Trend Slope as % of Avg = 3.93%

Regression Statistics

Multiple R	0.31
R Square	0.09
Adjusted R Square	0.06
Standard Error	16.10
Observations	28.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	699.47	699.47	2.70	0.11
Residual	26.00	6737.53	259.14		
Total	27.00	7437.00			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-31.20	28.58	-1.09	0.28	-89.95	27.56
x1	0.61	0.37	1.64	0.11	-0.15	1.37

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	18.81	-17.81	-1.11	1.79	1
2	16.98	-15.98	-0.99	5.36	1
3	9.66	-7.66	-0.48	8.93	2
4	21.86	-19.86	-1.23	12.50	2
5	12.71	-10.71	-0.67	16.07	2
6	10.88	-8.88	-0.55	19.64	2
7	21.25	-19.25	-1.20	23.21	2
8	11.49	-9.49	-0.59	26.79	2
9	14.54	-11.54	-0.72	30.36	3
10	7.83	-3.83	-0.24	33.93	4
11	16.37	-12.37	-0.77	37.50	4
12	9.05	-3.05	-0.19	41.07	6
13	20.64	-11.64	-0.72	44.64	9
14	7.22	2.78	0.17	48.21	10
15	13.93	-1.93	-0.12	51.79	12
16	15.76	-2.76	-0.17	55.36	13
17	24.30	-10.30	-0.64	58.93	14
18	19.42	-4.42	-0.27	62.50	15
19	15.15	-0.15	-0.01	66.07	15
20	18.20	-0.20	-0.01	69.64	18
21	17.59	3.41	0.21	73.21	21
22	13.32	11.68	0.73	76.79	25
23	8.44	19.56	1.21	80.36	28
24	10.27	17.73	1.10	83.93	28
25	12.10	24.90	1.55	87.50	37
26	20.03	19.97	1.24	91.07	40
27	22.47	32.53	2.02	94.64	55
28	23.69	39.31	2.44	98.21	63

Chipping Sparrow

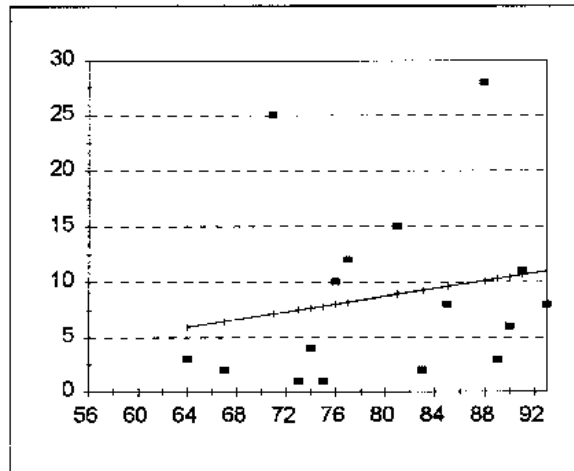
ANWR

1 outlier removed

Trend Slope as % of Avg = 2.02%

Regression Statistics

Multiple R	0.19
R Square	0.04
Adjusted R Square	-0.03
Standard Error	8.29
Observations	16.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	37.15	37.15	0.54	0.47
Residual	14.00	962.29	68.73		
Total	15.00	999.44			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-5.30	19.13	-0.28	0.79	-46.33	35.74
x1	0.18	0.24	0.74	0.47	-0.34	0.69

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	7.84	-6.84	-0.83	3.13	1
2	7.49	-6.49	-0.78	9.38	1
3	9.25	-7.25	-0.87	15.63	2
4	6.44	-4.44	-0.54	21.88	2
5	5.92	-2.92	-0.35	28.13	3
6	10.30	-7.30	-0.88	34.38	3
7	7.67	-3.67	-0.44	40.63	4
8	10.47	-4.47	-0.54	46.88	6
9	9.60	-1.60	-0.19	53.13	8
10	11.00	-3.00	-0.36	59.38	8
11	8.02	1.98	0.24	65.63	10
12	10.65	0.35	0.04	71.88	11
13	8.19	3.81	0.46	78.13	12
14	8.90	6.10	0.74	84.38	15
15	7.14	17.86	2.15	90.63	25
16	10.12	17.88	2.16	96.88	28

Chipping Sparrow

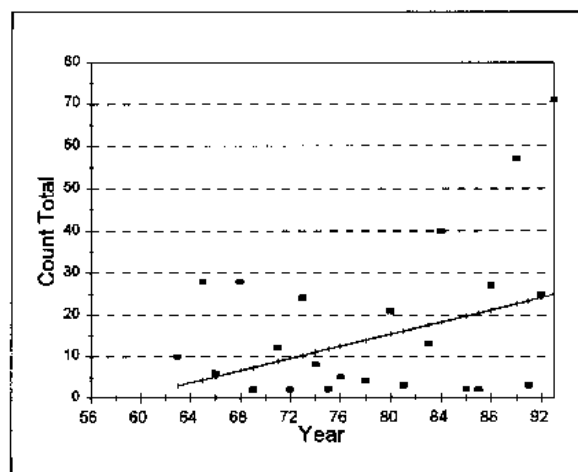
CCW

1 outliers removed

Trend Slope as % of Avg = 5.26%

Regression Statistics

Multiple R	0.37
R Square	0.13
Adjusted R Square	0.10
Standard Error	16.85
Observations	29.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	1188.63	1188.63	4.18	0.05
Residual	27.00	7668.82	284.03		
Total	28.00	8857.45			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-42.98	27.96	-1.54	0.14	-100.36	14.39
x1	0.73	0.36	2.05	0.05	-0.00	1.46

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	13.13	-12.13	-0.72	1.72	1
2	3.66	-2.66	-0.16	5.17	1
3	18.96	-17.96	-1.07	8.62	1
4	16.78	-15.78	-0.94	12.07	1
5	14.59	-13.59	-0.81	15.52	1
6	8.03	-6.03	-0.36	18.97	2
7	7.30	-5.30	-0.31	22.41	2
8	20.42	-18.42	-1.09	25.86	2
9	11.68	-9.68	-0.57	29.31	2
10	9.49	-7.49	-0.44	32.76	2
11	19.69	-17.69	-1.05	36.21	2
12	16.05	-13.05	-0.77	39.66	3
13	23.34	-20.34	-1.21	43.10	3
14	13.86	-9.86	-0.59	46.55	4
15	12.40	-7.40	-0.44	50.00	5
16	5.12	0.88	0.05	53.45	6
17	10.95	-2.95	-0.17	56.90	8
18	2.93	7.07	0.42	60.34	10
19	8.76	3.24	0.19	63.79	12
20	17.51	-4.51	-0.27	67.24	13
21	15.32	5.68	0.34	70.69	21
22	10.22	13.78	0.82	74.14	24
23	24.06	0.94	0.06	77.59	25
24	21.15	5.85	0.35	81.03	27
25	4.39	23.61	1.40	84.48	28
26	6.57	21.43	1.27	87.93	28
27	18.23	21.77	1.29	91.38	40
28	22.61	34.39	2.04	94.83	57
29	24.79	46.21	2.74	98.28	71

Clay-colored Sparrow

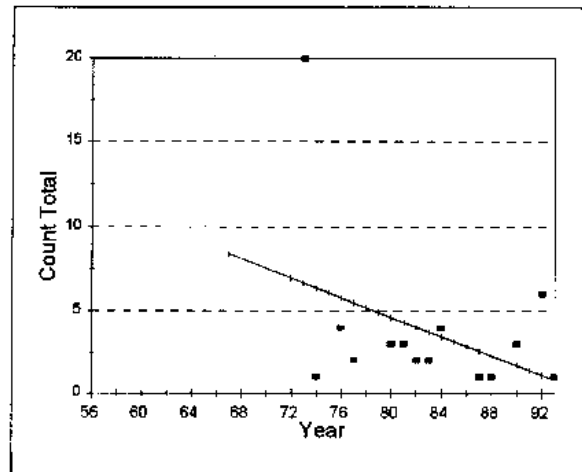
CCW

1 outliers removed

Trend Slope as % of Avg = -7.68%

Regression Statistics

Multiple R	0.39
R Square	0.15
Adjusted R Square	0.08
Standard Error	4.69
Observations	14.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	46.65	46.65	2.12	0.17
Residual	12.00	263.71	21.98		
Total	13.00	310.36			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	27.88	16.58	1.68	0.12	-8.25	64.01
x1	-0.29	0.20	-1.46	0.17	-0.73	0.14

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	0.84	0.16	0.03	3.57	1
2	6.36	-5.36	-1.14	10.71	1
3	2.58	-1.58	-0.34	17.86	1
4	2.29	-1.29	-0.28	25.00	1
5	4.03	-2.03	-0.43	32.14	2
6	3.74	-1.74	-0.37	39.29	2
7	5.49	-3.49	-0.74	46.43	2
8	4.33	-1.33	-0.28	53.57	3
9	1.71	1.29	0.28	60.71	3
10	4.62	-1.62	-0.34	67.86	3
11	3.45	0.55	0.12	75.00	4
12	5.78	-1.78	-0.38	82.14	4
13	1.13	4.87	1.04	89.29	6
14	6.65	13.35	2.85	96.43	20

Field Sparrow

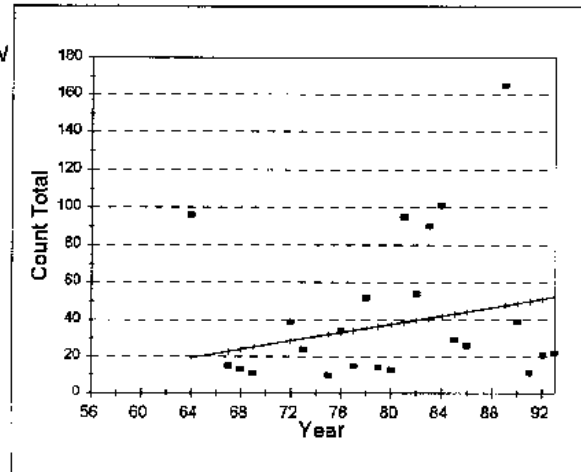
ANWR+CCW

1 outliers removed

Trend Slope as % of Avg = 3.20%

Regression Statistics

Multiple R	0.26
R Square	0.07
Adjusted R Square	0.03
Standard Error	37.94
Observations	29.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	2776.08	2776.08	1.93	0.18
Residual	27.00	38859.17	1439.23		
Total	28.00	41635.24			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-53.23	64.28	-0.83	0.41	-185.13	78.68
x1	1.14	0.82	1.39	0.18	-0.54	2.81

Observations	Predicted Y	Residuals	Stdz'd Residuals	Percentile	y
1	26.24	-21.24	-0.56	1.72	5
2	20.56	-14.56	-0.38	5.17	6
3	21.70	-14.70	-0.39	8.62	7
4	45.54	-38.54	-1.02	12.07	7
5	30.78	-23.78	-0.63	15.52	7
6	27.37	-18.37	-0.48	18.97	9
7	31.92	-21.92	-0.58	22.41	10
8	50.08	-39.08	-1.03	25.86	11
9	25.10	-14.10	-0.37	29.31	11
10	23.97	-10.97	-0.29	32.76	13
11	37.59	-24.59	-0.65	36.21	13
12	36.46	-22.46	-0.59	39.66	14
13	34.19	-19.19	-0.51	43.10	15
14	22.83	-7.83	-0.21	46.55	15
15	51.21	-30.21	-0.80	50.00	21
16	52.35	-30.35	-0.80	53.45	22
17	29.65	-5.65	-0.15	56.90	24
18	44.40	-18.40	-0.49	60.34	26
19	43.27	-14.27	-0.38	63.79	29
20	33.05	0.95	0.03	67.24	34
21	48.94	-9.94	-0.26	70.69	39
22	28.51	10.49	0.28	74.14	39
23	35.32	16.68	0.44	77.59	52
24	39.86	14.14	0.37	81.03	54
25	41.00	49.00	1.29	84.48	90
26	38.73	56.27	1.48	87.93	95
27	19.43	76.57	2.02	91.38	96
28	42.13	58.87	1.55	94.83	101
29	47.81	117.19	3.09	98.28	165

Field Sparrow

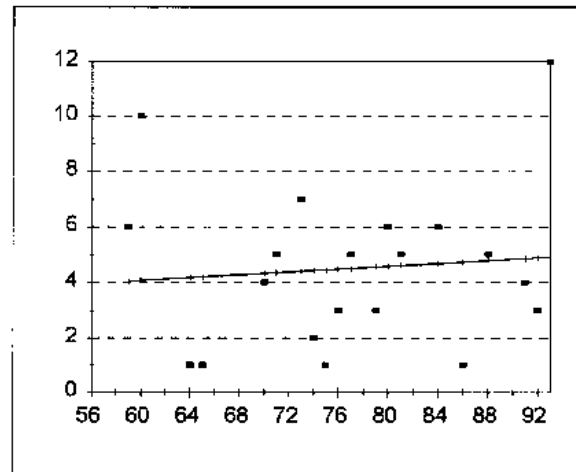
ANWR

2 outliers removed

Trend Slope as % of Avg = 0.58%

Regression Statistics

Multiple R	0.09
R Square	0.01
Adjusted R Square	-0.05
Standard Error	3.00
Observations	20.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	1.35	1.35	0.15	0.70
Residual	18.00	161.65	8.98		
Total	19.00	163.00			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	2.50	5.20	0.48	0.64	-8.42	13.42
x1	0.03	0.07	0.39	0.70	-0.11	0.17

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	4.19	-3.19	-1.06	2.50	1
2	4.74	-3.74	-1.25	7.50	1
3	4.45	-3.45	-1.15	12.50	1
4	4.16	-3.16	-1.06	17.50	1
5	4.42	-2.42	-0.81	22.50	2
6	4.48	-1.48	-0.49	27.50	3
7	4.89	-1.89	-0.63	32.50	3
8	4.55	-1.55	-0.52	37.50	3
9	4.87	-0.87	-0.29	42.50	4
10	4.32	-0.32	-0.11	47.50	4
11	4.61	0.39	0.13	52.50	5
12	4.79	0.21	0.07	57.50	5
13	4.35	0.65	0.22	62.50	5
14	4.50	0.50	0.17	67.50	5
15	4.68	1.32	0.44	72.50	6
16	4.03	1.97	0.66	77.50	6
17	4.58	1.42	0.47	82.50	6
18	4.40	2.60	0.87	87.50	7
19	4.06	5.94	1.98	92.50	10
20	4.92	7.08	2.36	97.50	12

Field Sparrow

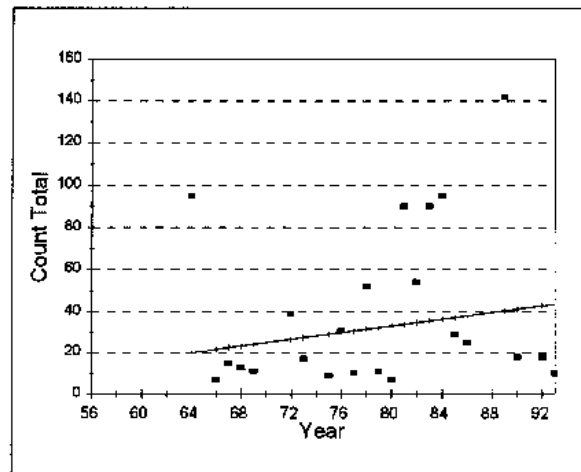
CCW

1 outliers removed

Trend Slope as % of Avg = 2.59%

Regression Statistics

Multiple R	0.20
R Square	0.04
Adjusted R Square	0.00
Standard Error	36.34
Observations	29.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	1442.71	1442.71	1.09	0.31
Residual	27.00	35660.11	1320.74		
Total	28.00	37102.83			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-32.35	61.58	-0.53	0.60	-158.71	94.00
x1	0.82	0.78	1.05	0.30	-0.79	2.43

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	24.93	-23.93	-0.66	1.72	1
2	25.75	-21.75	-0.60	5.17	4
3	20.84	-15.84	-0.44	8.62	5
4	28.21	-23.21	-0.64	12.07	5
5	42.12	-35.12	-0.97	15.52	7
6	38.84	-31.84	-0.88	18.97	7
7	21.66	-14.66	-0.40	22.41	7
8	33.12	-26.12	-0.72	25.86	7
9	29.02	-20.02	-0.55	29.31	9
10	43.76	-33.76	-0.93	32.76	10
11	30.66	-20.66	-0.57	36.21	10
12	24.11	-13.11	-0.36	39.66	11
13	32.30	-21.30	-0.59	43.10	11
14	23.30	-10.30	-0.28	46.55	13
15	22.48	-7.48	-0.21	50.00	15
16	27.39	-10.39	-0.29	53.45	17
17	42.94	-24.94	-0.69	56.90	18
18	41.30	-23.30	-0.64	60.34	18
19	38.03	-13.03	-0.36	63.79	25
20	37.21	-8.21	-0.23	67.24	29
21	29.84	1.16	0.03	70.69	31
22	26.57	12.43	0.34	74.14	39
23	31.48	20.52	0.56	77.59	52
24	34.75	19.25	0.53	81.03	54
25	35.57	54.43	1.50	84.48	90
26	33.93	56.07	1.54	87.93	90
27	20.02	74.98	2.06	91.38	95
28	36.39	58.61	1.61	94.83	95
29	40.48	101.52	2.79	98.28	142

Vesper Sparrow

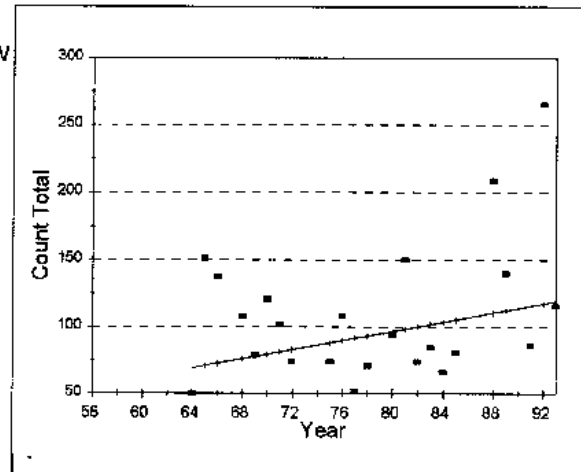
ANWR+CCW

2 outliers removed

Trend Slope as % of Avg = 1.85%

Regression Statistics

Multiple R	0.29
R Square	0.08
Adjusted R Square	0.05
Standard Error	53.12
Observations	29.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	6842.97	6842.97	2.42	0.13
Residual	27.00	76197.99	2822.15		
Total	28.00	83040.97			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-40.82	86.52	-0.47	0.64	-218.35	136.71
x1	1.72	1.11	1.56	0.13	-0.55	3.99

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	107.22	-85.22	-1.60	1.72	22
2	86.56	-52.56	-0.99	5.17	34
3	74.51	-39.51	-0.74	8.62	35
4	95.17	-59.17	-1.11	12.07	36
5	67.63	-31.63	-0.60	15.52	36
6	108.94	-67.94	-1.28	18.97	41
7	69.35	-19.35	-0.36	22.41	50
8	91.73	-39.73	-0.75	25.86	52
9	103.78	-37.78	-0.71	29.31	66
10	93.45	-22.45	-0.42	32.76	71
11	83.12	-9.12	-0.17	36.21	74
12	88.29	-14.29	-0.27	39.66	74
13	100.34	-26.34	-0.50	43.10	74
14	77.96	1.04	0.02	46.55	79
15	105.50	-24.50	-0.46	50.00	81
16	102.06	-17.06	-0.32	53.45	85
17	115.83	-29.83	-0.56	56.90	86
18	96.89	-2.89	-0.05	60.34	94
19	81.40	20.60	0.39	63.79	102
20	76.24	31.76	0.60	67.24	108
21	90.01	18.99	0.36	70.69	109
22	119.27	-3.27	-0.06	74.14	116
23	79.68	41.32	0.78	77.59	121
24	72.79	64.21	1.21	81.03	137
25	112.39	27.61	0.52	84.48	140
26	98.61	51.39	0.97	87.93	150
27	71.07	79.93	1.50	91.38	151
28	110.66	98.34	1.85	94.83	209
29	117.55	147.45	2.78	98.28	265

Vesper Sparrow

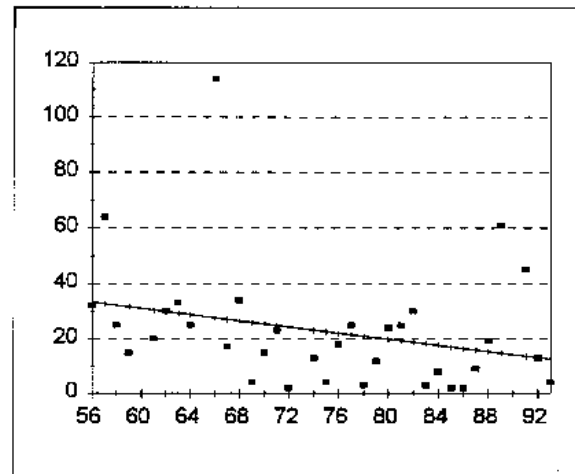
ANWR

4 outliers removed

Trend Slope as % of Avg = -2.46%

Regression Statistics

Multiple R	0.28
R Square	0.08
Adjusted R Square	0.05
Standard Error	21.80
Observations	34.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	1260.29	1260.29	2.65	0.11
Residual	32.00	15206.33	475.20		
Total	33.00	16466.62			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	64.60	25.97	2.49	0.02	11.89	117.50
x1	-0.56	0.34	-1.63	0.11	-1.26	0.14

Observations	Predicted Y	Residuals	Stdz Residuals	Percentile	y
1	16.46	-14.46	-0.66	1.47	2
2	17.02	-15.02	-0.69	4.41	2
3	24.30	-22.30	-1.02	7.35	2
4	20.94	-17.94	-0.82	10.29	3
5	18.14	-15.14	-0.69	13.24	3
6	22.62	-18.62	-0.85	16.18	4
7	25.98	-21.98	-1.01	19.12	4
8	12.55	-8.55	-0.39	22.06	4
9	17.58	-9.58	-0.44	25.00	8
10	15.90	-6.90	-0.32	27.94	9
11	20.38	-8.38	-0.38	30.88	12
12	23.18	-10.18	-0.47	33.82	13
13	13.11	-0.11	-0.00	36.76	13
14	25.42	-10.42	-0.48	39.71	15
15	31.57	-16.57	-0.76	42.65	15
16	27.10	-10.10	-0.46	45.59	17
17	22.06	-4.06	-0.19	48.53	18
18	15.34	3.66	0.17	51.47	19
19	30.46	-10.46	-0.48	54.41	20
20	24.86	-1.86	-0.09	57.35	23
21	19.82	4.18	0.19	60.29	24
22	19.26	5.74	0.26	63.24	25
23	32.13	-7.13	-0.33	66.18	25
24	28.78	-3.78	-0.17	69.12	25
25	21.50	3.50	0.16	72.06	25
26	29.90	0.10	0.00	75.00	30
27	18.70	11.30	0.52	77.94	30
28	33.25	-1.25	-0.06	80.88	32
29	29.34	3.66	0.17	83.82	33
30	26.54	7.46	0.34	86.76	34
31	13.67	31.33	1.44	89.71	45
32	14.78	46.22	2.12	92.65	61
33	32.69	31.31	1.44	95.59	64
34	27.66	86.34	3.96	98.53	114

Vesper Sparrow

Data Corrected:
Count/(Party Hours)^B
where B = .82

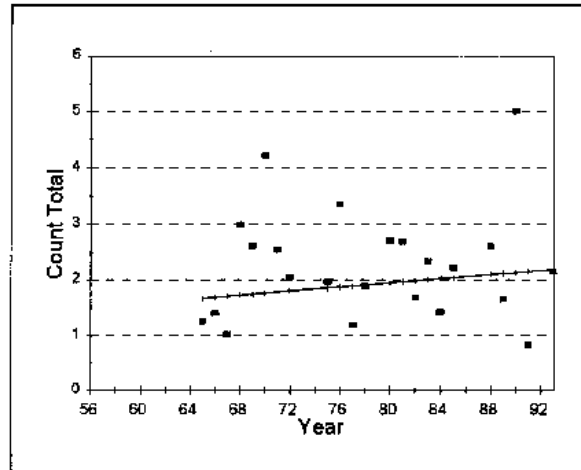
2 outliers removed

Trend Slope as % of Avg = 0.96%

Regression Statistics

Multiple R	0.15
R Square	0.02
Adjusted R Square	-0.01
Standard Error	1.13
Observations	29.00

CCW



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	0.76	0.76	0.59	0.45
Residual	27.00	34.39	1.27		
Total	28.00	35.15			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	0.49	1.86	0.26	0.80	-3.33	4.30
x1	0.02	0.02	0.77	0.45	-0.03	0.07

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	1.64	-1.30	-1.15	1.72	0
2	1.66	-1.10	-0.98	5.17	1
3	2.06	-1.47	-1.30	8.62	1
4	1.84	-1.23	-1.09	12.07	1
5	2.08	-1.38	-1.22	15.52	1
6	1.93	-1.20	-1.07	18.97	1
7	2.15	-1.32	-1.17	22.41	1
8	1.71	-0.69	-0.61	25.86	1
9	1.90	-0.71	-0.63	29.31	1
10	1.68	-0.41	-0.37	32.76	1
11	1.69	-0.28	-0.25	36.21	1
12	2.02	-0.60	-0.53	39.66	1
13	2.12	-0.45	-0.40	43.10	2
14	1.99	-0.30	-0.27	46.55	2
15	1.91	-0.02	-0.02	50.00	2
16	1.86	0.11	0.09	53.45	2
17	1.80	0.24	0.21	56.90	2
18	2.19	-0.04	-0.03	60.34	2
19	2.04	0.18	0.16	63.79	2
20	2.01	0.32	0.28	67.24	2
21	1.79	0.76	0.67	70.69	3
22	2.10	0.51	0.45	74.14	3
23	1.75	0.86	0.76	77.59	3
24	1.97	0.72	0.64	81.03	3
25	1.95	0.75	0.66	84.48	3
26	1.73	1.26	1.12	87.93	3
27	1.88	1.48	1.31	91.38	3
28	1.77	2.45	2.17	94.83	4
29	2.13	2.87	2.54	98.28	5

Lark Sparrow

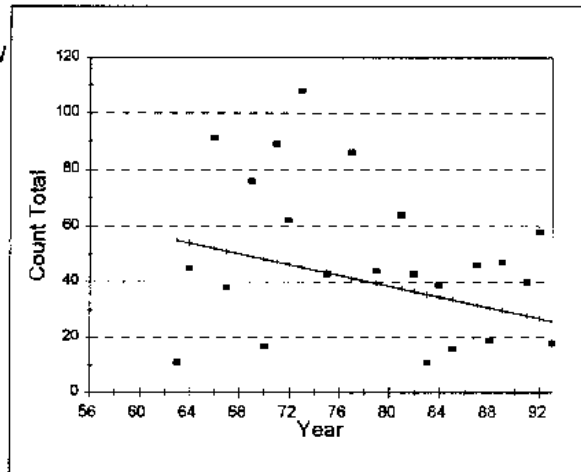
ANWR+CCW

2 outliers removed

Trend Slope as % of Avg = -2.42%

Regression Statistics

Multiple R	0.29
R Square	0.08
Adjusted R Square	0.05
Standard Error	29.07
Observations	29.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	2037.01	2037.01	2.41	0.13
Residual	27.00	22810.30	844.83		
Total	28.00	24847.31			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	115.70	49.20	2.35	0.03	14.74	216.66
x1	-0.96	0.62	-1.55	0.13	-2.24	0.31

Observations	Predicted Y	Residuals	Stdz Residuals	Percentile	y
1	42.45	-38.45	-1.32	1.72	4
2	32.81	-27.81	-0.96	5.17	5
3	40.52	-34.52	-1.19	8.62	6
4	44.38	-37.38	-1.29	12.07	7
5	38.60	-28.60	-0.98	15.52	10
6	28.96	-18.96	-0.65	18.97	10
7	54.98	-43.98	-1.51	22.41	11
8	35.70	-24.70	-0.85	25.86	11
9	33.78	-17.78	-0.61	29.31	16
10	48.23	-31.23	-1.07	32.76	17
11	26.07	-8.07	-0.28	36.21	18
12	30.88	-11.88	-0.41	39.66	19
13	51.13	-13.13	-0.45	43.10	38
14	34.74	4.26	0.15	46.55	39
15	27.99	12.01	0.41	50.00	40
16	36.67	6.33	0.22	53.45	43
17	43.41	-0.41	-0.01	56.90	43
18	39.56	4.44	0.15	60.34	44
19	54.02	-9.02	-0.31	63.79	45
20	31.85	14.15	0.49	67.24	46
21	29.92	17.08	0.59	70.69	47
22	27.03	30.97	1.07	74.14	58
23	46.31	15.69	0.54	77.59	62
24	37.63	26.37	0.91	81.03	64
25	49.20	26.80	0.92	84.48	76
26	41.49	44.51	1.53	87.93	86
27	47.27	41.73	1.44	91.38	89
28	52.09	38.91	1.34	94.83	91
29	45.34	62.66	2.16	98.28	108

Lark Sparrow

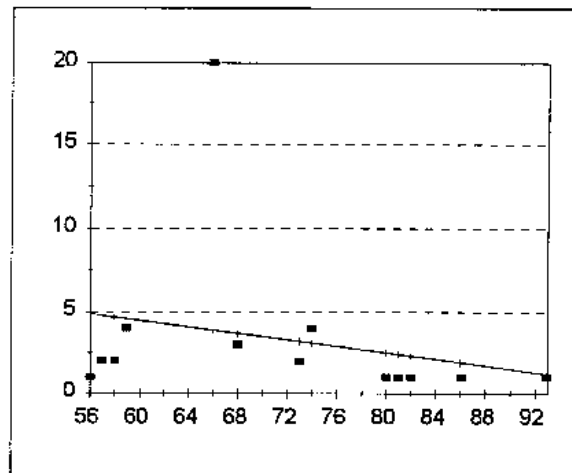
ANWR

1 outlier removed

Trend Slope as % of Avg = -2.98%

Regression Statistics

Multiple R	0.23
R Square	0.05
Adjusted R Square	-0.03
Standard Error	5.22
Observations	13.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	17.38	17.38	0.64	0.44
Residual	11.00	299.39	27.22		
Total	12.00	316.77			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	10.39	8.98	1.16	0.27	-9.38	30.16
x1	-0.10	0.12	-0.80	0.44	-0.37	0.17

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	2.40	-1.40	-0.27	3.85	1
2	2.30	-1.30	-0.25	11.54	1
3	2.50	-1.50	-0.29	19.23	1
4	4.86	-3.86	-0.74	26.92	1
5	1.90	-0.90	-0.17	34.62	1
6	1.21	-0.21	-0.04	42.31	1
7	3.19	-1.19	-0.23	50.00	2
8	4.77	-2.77	-0.53	57.69	2
9	4.67	-2.67	-0.51	65.38	2
10	3.68	-0.68	-0.13	73.08	3
11	3.09	0.91	0.17	80.77	4
12	4.57	-0.57	-0.11	88.46	4
13	3.88	16.12	3.09	96.15	20

Lark Sparrow

Data Corrected:
Count/(Party Hours*B)
where B = .49

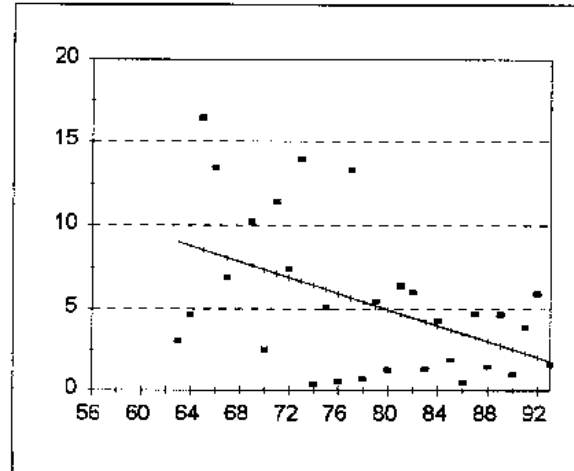
1 outlier removed

Trend Slope as % of Avg = -4.50%

Regression Statistics

Multiple R	0.48
R Square	0.23
Adjusted R Square	0.20
Standard Error	4.05
Observations	30.00

CCW



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	137.26	137.26	8.36	0.01
Residual	28.00	459.87	16.42		
Total	29.00	597.13			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	24.16	6.55	3.69	0.00	10.74	37.58
x1	-0.24	0.08	-2.89	0.01	-0.41	-0.07

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	6.38	-6.01	-1.48	1.67	0
2	3.49	-3.00	-0.74	5.00	0
3	5.90	-5.34	-1.32	8.33	1
4	5.42	-4.71	-1.16	11.67	1
5	2.53	-1.52	-0.37	15.00	1
6	4.93	-3.65	-0.90	18.33	1
7	4.21	-2.90	-0.72	21.67	1
8	3.01	-1.55	-0.38	25.00	1
9	1.81	-0.21	-0.05	28.33	2
10	3.73	-1.84	-0.45	31.67	2
11	7.34	-4.86	-1.20	35.00	2
12	9.02	-6.00	-1.48	38.33	3
13	2.29	1.60	0.40	41.67	4
14	3.97	0.29	0.07	45.00	4
15	8.78	-4.16	-1.03	48.33	5
16	2.77	1.90	0.47	51.67	5
17	3.25	1.45	0.36	55.00	5
18	6.14	-1.05	-0.26	58.33	5
19	5.18	0.27	0.07	61.67	5
20	2.05	3.88	0.96	65.00	6
21	4.45	1.53	0.38	68.33	6
22	4.69	1.66	0.41	71.67	6
23	8.06	-1.21	-0.30	75.00	7
24	6.86	0.52	0.13	78.33	7
25	7.58	2.64	0.65	81.67	10
26	7.10	4.33	1.07	85.00	11
27	5.66	7.66	1.89	88.33	13
28	8.30	5.11	1.26	91.67	13
29	6.62	7.30	1.80	95.00	14
30	8.54	7.87	1.94	98.33	16

Lark Bunting

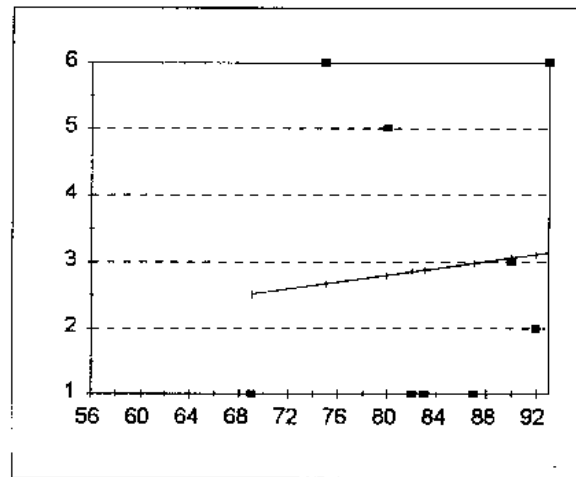
1 outlier removed

Trend Slope as % of Avg = 0.91%

Regression Statistics

Multiple R	0.10
R Square	0.01
Adjusted R Square	-0.13
Standard Error	2.35
Observations	9.00

CCW



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	0.35	0.35	0.06	0.81
Residual	7.00	38.54	5.51		
Total	8.00	38.89			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	0.71	8.67	0.08	0.94	-19.79	21.21
x1	0.03	0.10	0.25	0.81	-0.22	0.27

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	2.88	-1.88	-0.80	5.56	1
2	2.85	-1.85	-0.79	16.67	1
3	2.98	-1.98	-0.84	27.78	1
4	2.51	-1.51	-0.64	38.89	1
5	3.11	-1.11	-0.47	50.00	2
6	3.06	-0.06	-0.03	61.11	3
7	2.80	2.20	0.94	72.22	5
8	2.67	3.33	1.42	83.33	6
9	3.14	2.86	1.22	94.44	6

Savannah Sparrow

Data Corrected:
Count/(Party Hours)^B
where B = .95

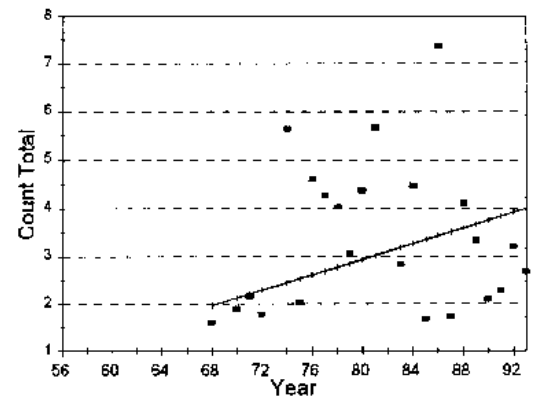
ANWR+CCW

1 outliers removed

Trend Slope as % of Avg = 2.92%

Regression Statistics

Multiple R	0.44
R Square	0.19
Adjusted R Square	0.17
Standard Error	1.55
Observations	30.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	16.29	16.29	6.74	0.01
Residual	28.00	67.68	2.42		
Total	29.00	83.97			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-3.58	2.47	-1.45	0.16	-8.64	1.48
x1	0.08	0.03	2.60	0.01	0.02	0.15

Observations	Predicted Y	Residuals	Stdz Residuals	Percentile	y
1	1.88	-1.59	-1.02	1.67	0
2	1.55	-1.21	-0.78	5.00	0
3	1.64	-0.64	-0.41	8.33	1
4	1.80	-0.58	-0.37	11.67	1
5	3.10	-1.87	-1.20	15.00	1
6	1.72	-0.43	-0.28	18.33	1
7	2.04	-0.67	-0.43	21.67	1
8	1.96	-0.35	-0.23	25.00	2
9	3.35	-1.65	-1.06	28.33	2
10	3.51	-1.78	-1.15	31.67	2
11	2.29	-0.51	-0.33	35.00	2
12	2.12	-0.23	-0.15	38.33	2
13	2.53	-0.50	-0.32	41.67	2
14	3.75	-1.66	-1.07	45.00	2
15	2.21	-0.04	-0.03	48.33	2
16	3.84	-1.55	-1.00	51.67	2
17	4.00	-1.31	-0.84	55.00	3
18	3.18	-0.34	-0.22	58.33	3
19	2.86	0.20	0.13	61.67	3
20	3.92	-0.70	-0.45	65.00	3
21	3.67	-0.34	-0.22	68.33	3
22	2.78	1.25	0.81	71.67	4
23	3.59	0.52	0.33	75.00	4
24	2.70	1.58	1.01	78.33	4
25	2.94	1.44	0.92	81.67	4
26	3.27	1.20	0.77	85.00	4
27	2.61	2.00	1.28	88.33	5
28	2.45	3.19	2.05	91.67	6
29	3.02	2.65	1.71	95.00	6
30	3.43	3.94	2.53	98.33	7

Savannah Sparrow

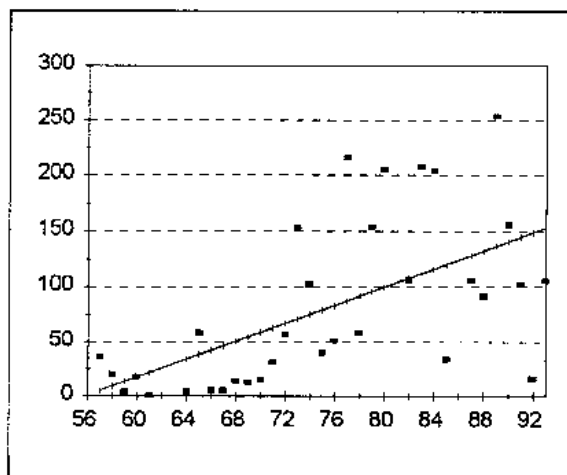
ANWR

2 outliers removed

Trend Slope as % of Avg = 5.12%

Regression Statistics

Multiple R	0.59
R Square	0.35
Adjusted R Square	0.33
Standard Error	61.24
Observations	33.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	62917.12	62917.12	16.77	0.00
Residual	31.00	116277.85	3750.90		
Total	32.00	179194.97			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-228.39	76.04	-3.00	0.01	-383.48	-73.30
x1	4.10	1.00	4.10	0.00	2.06	6.14

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	21.60	-20.60	-0.34	1.52	1
2	33.90	-29.90	-0.49	4.55	4
3	13.40	-9.40	-0.15	7.58	4
4	46.19	-41.19	-0.67	10.61	5
5	42.09	-37.09	-0.61	13.64	5
6	54.39	-41.39	-0.68	16.67	13
7	50.29	-36.29	-0.59	19.70	14
8	58.49	-43.49	-0.71	22.73	15
9	148.65	-132.65	-2.17	25.76	16
10	17.50	0.50	0.01	28.79	18
11	9.31	10.69	0.17	31.82	20
12	62.58	-31.58	-0.52	34.85	31
13	119.96	-85.96	-1.40	37.88	34
14	5.21	30.79	0.50	40.91	36
15	78.98	-38.98	-0.64	43.94	40
16	83.07	-32.07	-0.52	46.97	51
17	66.68	-9.68	-0.16	50.00	57
18	91.27	-33.27	-0.54	53.03	58
19	37.99	20.01	0.33	56.06	58
20	132.25	-41.25	-0.67	59.09	91
21	144.55	-42.55	-0.69	62.12	102
22	74.88	27.12	0.44	65.15	102
23	128.16	-23.16	-0.38	68.18	105
24	152.74	-47.74	-0.78	71.21	105
25	107.66	-1.66	-0.03	74.24	106
26	70.78	82.22	1.34	77.27	153
27	95.37	58.63	0.96	80.30	154
28	140.45	15.55	0.25	83.33	156
29	115.86	88.14	1.44	86.36	204
30	99.47	105.53	1.72	89.39	205
31	111.76	95.24	1.56	92.42	207
32	87.17	128.83	2.10	95.45	216
33	136.35	116.65	1.90	98.48	253

Savannah Sparrow

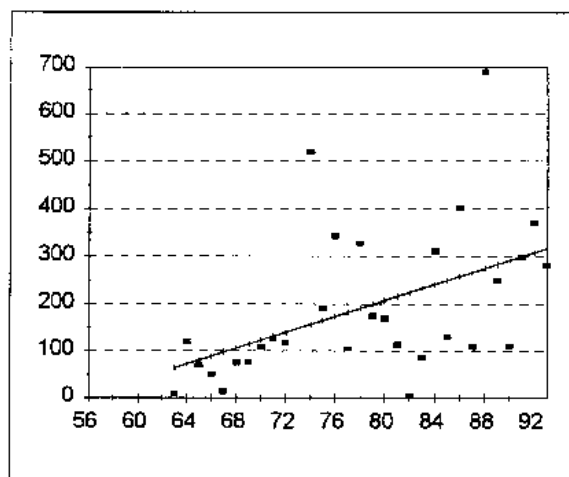
1 outlier removed

Trend Slope as % of Avg = 4.40%

Regression Statistics

Multiple R	0.49
R Square	0.24
Adjusted R Square	0.21
Standard Error	141.68
Observations	30.00

CCW



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	174855.70	174855.70	8.71	0.01
Residual	28.00	562086.16	20074.51		
Total	29.00	736941.87			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-468.06	225.05	-2.08	0.05	-929.06	-7.07
x1	8.44	2.86	2.95	0.01	2.58	14.30

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	224.09	-219.09	-1.55	1.67	5
2	63.71	-53.71	-0.38	5.00	10
3	97.48	-82.48	-0.58	8.33	15
4	89.04	-39.04	-0.28	11.67	50
5	80.60	-10.60	-0.07	15.00	70
6	105.92	-29.92	-0.21	18.33	76
7	114.36	-38.36	-0.27	21.67	76
8	232.53	-146.53	-1.03	25.00	86
9	181.89	-77.89	-0.55	28.33	104
10	122.80	-14.80	-0.10	31.67	108
11	266.29	-158.29	-1.12	35.00	108
12	291.62	-181.62	-1.28	38.33	110
13	215.65	-102.65	-0.72	41.67	113
14	139.68	-21.68	-0.15	45.00	118
15	72.15	47.85	0.34	48.33	120
16	131.24	-5.24	-0.04	51.67	126
17	249.41	-119.41	-0.84	55.00	130
18	207.21	-38.21	-0.27	58.33	169
19	198.77	-24.77	-0.17	61.67	174
20	165.00	26.00	0.18	65.00	191
21	283.18	-34.18	-0.24	68.33	249
22	316.94	-35.94	-0.25	71.67	281
23	300.06	-1.06	-0.01	75.00	299
24	240.97	70.03	0.49	78.33	311
25	190.33	137.67	0.97	81.67	328
26	173.44	169.56	1.20	85.00	343
27	308.50	61.50	0.43	88.33	370
28	257.85	144.15	1.02	91.67	402
29	156.56	362.44	2.56	95.00	519
30	274.74	416.26	2.94	98.33	691

Grasshopper Sparrow

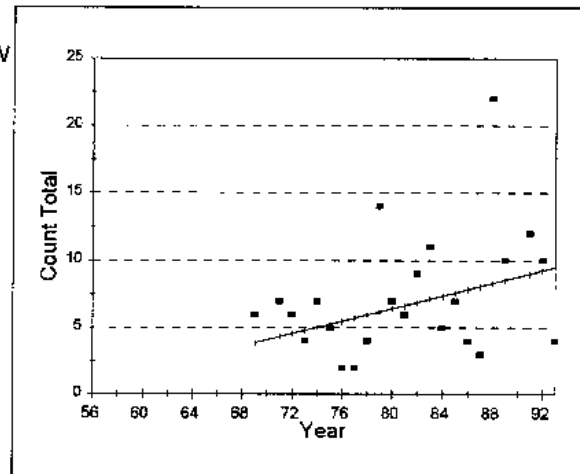
ANWR+CCW

1 outliers removed

Trend Slope as % of Avg = 3.66%

Regression Statistics

Multiple R	0.41
R Square	0.17
Adjusted R Square	0.14
Standard Error	4.33
Observations	27.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	94.74	94.74	5.06	0.03
Residual	25.00	467.78	18.71		
Total	26.00	562.52			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-12.32	8.36	-1.47	0.15	-29.54	4.91
x1	0.23	0.10	2.25	0.03	0.02	0.45

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	4.09	-3.09	-0.71	1.85	1
2	3.62	-2.62	-0.61	5.56	1
3	8.78	-6.78	-1.57	9.26	2
4	2.68	-0.68	-0.16	12.96	2
5	5.73	-3.73	-0.86	16.67	2
6	5.50	-3.50	-0.81	20.37	2
7	8.07	-5.07	-1.17	24.07	3
8	4.79	-0.79	-0.18	27.78	4
9	5.96	-1.96	-0.45	31.48	4
10	9.48	-5.48	-1.27	35.19	4
11	7.84	-3.84	-0.89	38.89	4
12	5.26	-0.26	-0.06	42.59	5
13	7.37	-2.37	-0.55	46.30	5
14	3.86	2.14	0.50	50.00	6
15	6.67	-0.67	-0.15	53.70	6
16	4.56	1.44	0.33	57.41	6
17	5.03	1.97	0.46	61.11	7
18	6.43	0.57	0.13	64.81	7
19	7.61	-0.61	-0.14	68.52	7
20	4.32	2.68	0.62	72.22	7
21	6.90	2.10	0.48	75.93	9
22	8.54	1.46	0.34	79.63	10
23	9.25	0.75	0.17	83.33	10
24	7.14	3.86	0.89	87.04	11
25	9.01	2.99	0.69	90.74	12
26	6.20	7.80	1.80	94.44	14
27	8.31	13.69	3.17	98.15	22

Grasshopper Sparrow

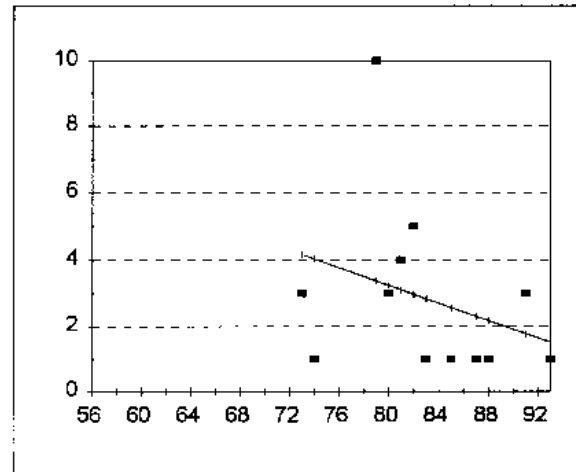
ANWR

1 outlier removed

Trend Slope as % of Avg = -4.71%

Regression Statistics

Multiple R	0.31
R Square	0.10
Adjusted R Square	0.01
Standard Error	2.65
Observations	12.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	7.47	7.47	1.06	0.33
Residual	10.00	70.20	7.02		
Total	11.00	77.67			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	13.90	10.76	1.29	0.22	-10.07	37.87
x1	-0.13	0.13	-1.03	0.32	-0.42	0.15

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	4.03	-3.03	-1.14	4.17	1
2	2.83	-1.83	-0.69	12.50	1
3	2.30	-1.30	-0.49	20.83	1
4	2.57	-1.57	-0.59	29.17	1
5	1.50	-0.50	-0.19	37.50	1
6	2.17	-1.17	-0.44	45.83	1
7	3.23	-0.23	-0.09	54.17	3
8	4.17	-1.17	-0.44	62.50	3
9	1.77	1.23	0.47	70.83	3
10	3.10	0.90	0.34	79.17	4
11	2.97	2.03	0.77	87.50	5
12	3.37	6.63	2.50	95.83	10

Grasshopper Sparrow

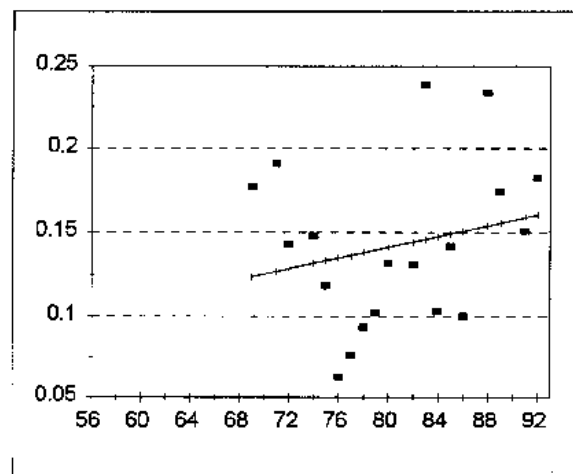
Data Corrected:
Count/(Party Hours^B)
where B = .86

Trend Slope as % of Avg = 1.66%

Regression Statistics

Multiple R	0.23
R Square	0.05
Adjusted R Square	-0.00
Standard Error	0.05
Observations	19.00

CCW



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	0.00	0.00	0.91	0.35
Residual	17.00	0.04	0.00		
Total	18.00	0.04			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	0.01	0.14	0.09	0.93	-0.27	0.30
x1	0.00	0.00	0.96	0.35	-0.00	0.01

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	0.13	-0.07	-1.47	2.63	0
2	0.14	-0.06	-1.24	7.89	0
3	0.14	-0.04	-0.91	13.16	0
4	0.15	-0.05	-1.04	18.42	0
5	0.14	-0.04	-0.76	23.68	0
6	0.15	-0.04	-0.91	28.95	0
7	0.13	-0.02	-0.31	34.21	0
8	0.14	-0.01	-0.28	39.47	0
9	0.14	-0.01	-0.19	44.74	0
10	0.15	-0.01	-0.15	50.00	0
11	0.13	0.01	0.30	55.26	0
12	0.13	0.02	0.34	60.53	0
13	0.16	-0.01	-0.16	65.79	0
14	0.16	0.02	0.38	71.05	0
15	0.12	0.05	1.10	76.32	0
16	0.16	0.02	0.46	81.58	0
17	0.13	0.06	1.31	86.84	0
18	0.15	0.08	1.63	92.11	0
19	0.15	0.09	1.89	97.37	0

Le Conte's Sparrow

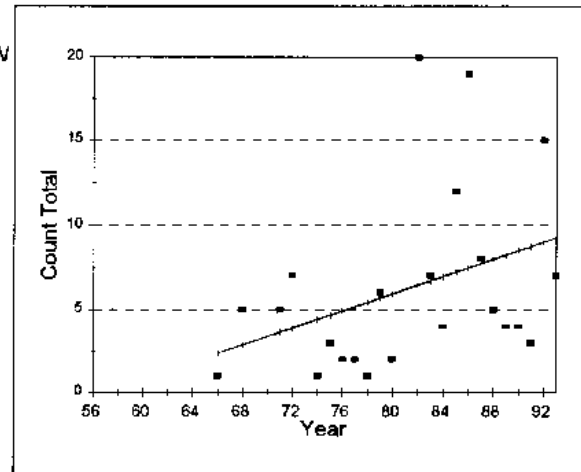
ANWR+CCW

2 outliers removed

Trend Slope as % of Avg = 4.09%

Regression Statistics

Multiple R	0.37
R Square	0.14
Adjusted R Square	0.10
Standard Error	5.14
Observations	23.00

**Analysis of Variance**

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>		
Regression	1.00	88.41	88.41	3.34	0.08		
Residual	21.00	555.50	26.45				
Total	22.00	643.91					
	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>	
Intercept	-14.43	11.35	-1.27	0.22	-38.03	9.16	
x1	0.25	0.14	1.83	0.08	-0.04	0.54	
<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>		<i>y</i>	
1	2.37	-1.37	-0.27	2.17		1	
2	5.42	-4.42	-0.86	6.52		1	
3	4.40	-3.40	-0.66	10.87		1	
4	5.93	-3.93	-0.76	15.22		2	
5	4.91	-2.91	-0.57	19.57		2	
6	5.17	-3.17	-0.62	23.91		2	
7	8.73	-5.73	-1.11	28.26		3	
8	4.66	-1.66	-0.32	32.61		3	
9	8.48	-4.48	-0.87	36.96		4	
10	6.95	-2.95	-0.57	41.30		4	
11	8.22	-4.22	-0.82	45.65		4	
12	3.64	1.36	0.26	50.00		5	
13	2.88	2.12	0.41	54.35		5	
14	7.97	-2.97	-0.58	58.70		5	
15	5.68	0.32	0.06	63.04		6	
16	6.69	0.31	0.06	67.39		7	
17	9.24	-2.24	-0.44	71.74		7	
18	3.89	3.11	0.60	76.09		7	
19	7.71	0.29	0.06	80.43		8	
20	7.20	4.80	0.93	84.78		12	
21	8.98	6.02	1.17	89.13		15	
22	7.46	11.54	2.24	93.48		19	
23	6.44	13.56	2.64	97.83		20	

LeConte's Sparrow

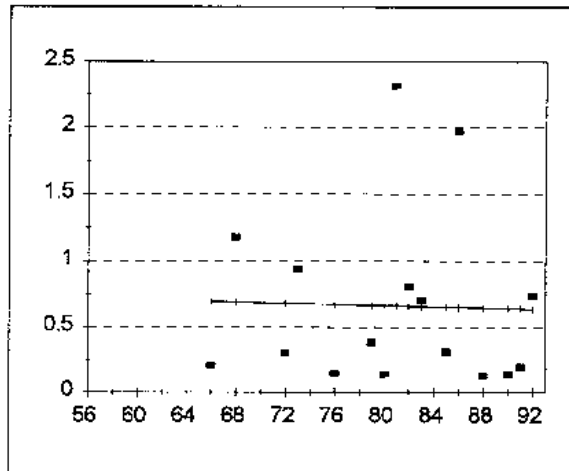
Data Corrected:
Count/(Party Hours^B)
where B = .49

Trend Slope as % of Avg = -0.79%

Regression Statistics

Multiple R	0.03
R Square	0.00
Adjusted R Square	-0.07
Standard Error	0.69
Observations	16.00

ANWR



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	0.00	0.00	0.01	0.92
Residual	14.00	6.66	0.48		
Total	15.00	6.67			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	0.84	1.80	0.47	0.65	-3.02	4.70
x1	-0.00	0.02	-0.10	0.92	-0.05	0.05

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	0.65	-0.52	-0.75	3.13	0
2	0.64	-0.50	-0.73	9.38	0
3	0.66	-0.52	-0.76	15.63	0
4	0.67	-0.53	-0.77	21.88	0
5	0.64	-0.44	-0.64	28.13	0
6	0.70	-0.49	-0.71	34.38	0
7	0.68	-0.38	-0.55	40.63	0
8	0.65	-0.34	-0.50	46.88	0
9	0.67	-0.28	-0.41	53.13	0
10	0.66	0.05	0.07	59.38	1
11	0.64	0.10	0.15	65.63	1
12	0.66	0.14	0.21	71.88	1
13	0.68	0.26	0.38	78.13	1
14	0.69	0.49	0.71	84.38	1
15	0.65	1.32	1.91	90.63	2
16	0.66	1.65	2.40	96.88	2

LeConte's Sparrow

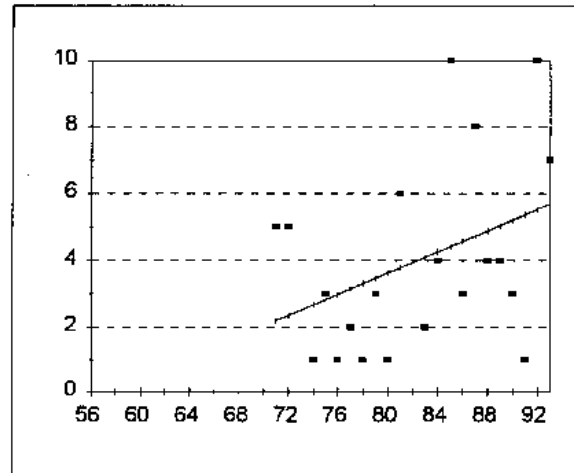
2 outliers removed

Trend Slope as % of Avg = 3.96%

Regression Statistics

Multiple R	0.38
R Square	0.15
Adjusted R Square	0.10
Standard Error	2.68
Observations	21.00

CCW



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	23.31	23.31	3.24	0.09
Residual	19.00	136.69	7.19		
Total	20.00	160.00			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-9.07	7.28	-1.24	0.23	-24.32	6.18
x1	0.16	0.09	1.80	0.09	-0.03	0.34

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	2.66	-1.66	-0.62	2.38	1
2	3.61	-2.61	-0.97	7.14	1
3	2.98	-1.98	-0.74	11.90	1
4	3.30	-2.30	-0.86	16.67	1
5	5.36	-4.36	-1.63	21.43	1
6	3.14	-1.14	-0.42	26.19	2
7	4.09	-2.09	-0.78	30.95	2
8	2.82	0.18	0.07	35.71	3
9	4.57	-1.57	-0.58	40.48	3
10	3.46	-0.46	-0.17	45.24	3
11	5.20	-2.20	-0.82	50.00	3
12	4.25	-0.25	-0.09	54.76	4
13	4.88	-0.88	-0.33	59.52	4
14	5.04	-1.04	-0.39	64.29	4
15	2.35	2.65	0.99	69.05	5
16	2.19	2.81	1.05	73.81	5
17	3.77	2.23	0.83	78.57	6
18	5.68	1.32	0.49	83.33	7
19	4.72	3.28	1.22	88.10	8
20	4.41	5.59	2.08	92.86	10
21	5.52	4.48	1.67	97.62	10

Sharp-tailed Sparrow

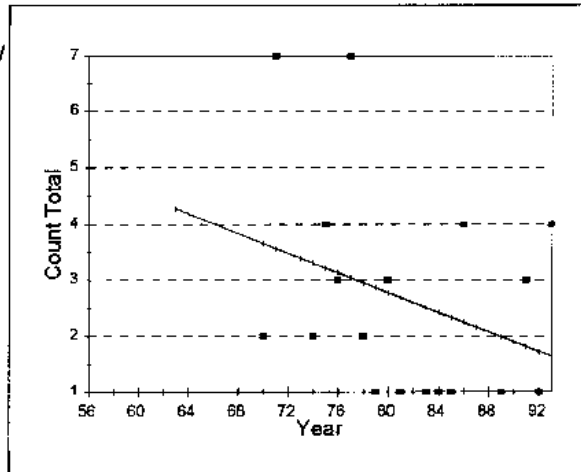
ANWR+CCW

2 outliers removed

Trend Slope as % of Avg = -3.30%

Regression Statistics

Multiple R	0.32
R Square	0.10
Adjusted R Square	0.05
Standard Error	1.90
Observations	18.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	6.50	6.50	1.81	0.20
Residual	16.00	57.50	3.59		
Total	17.00	64.00			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	9.81	5.33	1.84	0.08	-1.49	21.12
x1	-0.09	0.07	-1.35	0.20	-0.23	0.05

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	1.73	-0.73	-0.38	2.78	1
2	2.34	-1.34	-0.71	8.33	1
3	1.99	-0.99	-0.52	13.89	1
4	2.87	-1.87	-0.99	19.44	1
5	2.52	-1.52	-0.80	25.00	1
6	2.43	-1.43	-0.76	30.56	1
7	2.70	-1.70	-0.89	36.11	1
8	2.96	-0.96	-0.51	41.67	2
9	3.66	-1.66	-0.88	47.22	2
10	3.31	-1.31	-0.69	52.78	2
11	3.14	-0.14	-0.07	58.33	3
12	1.82	1.18	0.62	63.89	3
13	2.78	0.22	0.11	69.44	3
14	3.22	0.78	0.41	75.00	4
15	1.64	2.36	1.24	80.56	4
16	2.26	1.74	0.92	86.11	4
17	3.05	3.95	2.09	91.67	7
18	3.57	3.43	1.81	97.22	7

Sharp-tailed Sparrow

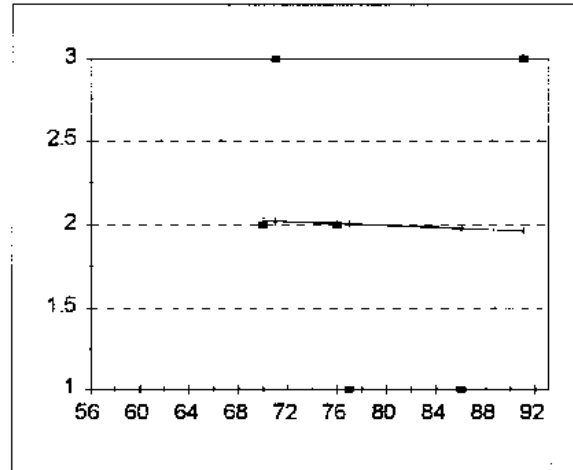
ANWR

1 outlier removed

Trend Slope as % of Avg = -0.14%

Regression Statistics

Multiple R	0.03
R Square	0.00
Adjusted R Square	-0.25
Standard Error	1.00
Observations	6.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	0.00	0.00	0.00	0.96
Residual	4.00	4.00	1.00		
Total	5.00	4.00			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	2.22	4.22	0.53	0.62	-9.48	13.93
x1	-0.00	0.05	-0.05	0.96	-0.15	0.15

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	1.98	-0.98	-0.98	8.33	1
2	2.00	-1.00	-1.00	25.00	1
3	2.01	-0.01	-0.01	41.67	2
4	2.02	-0.02	-0.02	58.33	2
5	1.96	1.04	1.04	75.00	3
6	2.02	0.98	0.98	91.67	3

Sharp-tailed Sparrow

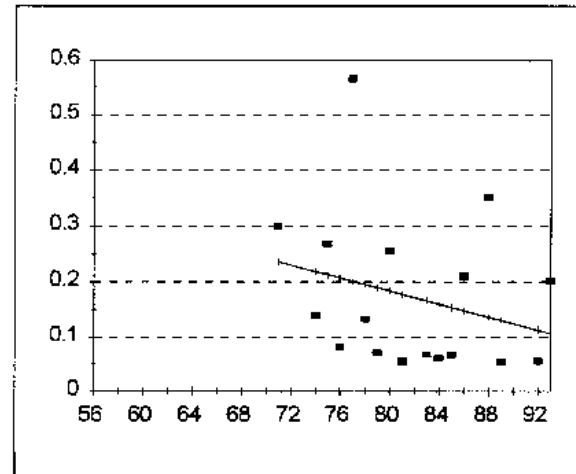
Data Corrected:
Count/(Party Hours^B)
where B = .62

CCW

Trend Slope as % of Avg = -6.23%

Regression Statistics

Multiple R	0.27
R Square	0.07
Adjusted R Square	0.01
Standard Error	0.14
Observations	17.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	0.02	0.02	1.17	0.30
Residual	15.00	0.30	0.02		
Total	16.00	0.32			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	0.66	0.45	1.46	0.16	-0.30	1.61
x1	-0.01	0.01	-1.08	0.30	-0.02	0.01

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	0.13	-0.08	-0.54	2.94	0
2	0.18	-0.12	-0.87	8.82	0
3	0.11	-0.06	-0.41	14.71	0
4	0.16	-0.10	-0.71	20.59	0
5	0.15	-0.09	-0.62	26.47	0
6	0.17	-0.10	-0.70	32.35	0
7	0.19	-0.12	-0.84	38.24	0
8	0.21	-0.12	-0.89	44.12	0
9	0.20	-0.06	-0.44	50.00	0
10	0.22	-0.08	-0.57	55.88	0
11	0.11	0.09	0.67	61.76	0
12	0.15	0.06	0.44	67.65	0
13	0.18	0.07	0.52	73.53	0
14	0.21	0.06	0.40	79.41	0
15	0.24	0.06	0.44	85.29	0
16	0.14	0.21	1.53	91.18	0
17	0.20	0.37	2.60	97.06	1

Seaside Sparrow

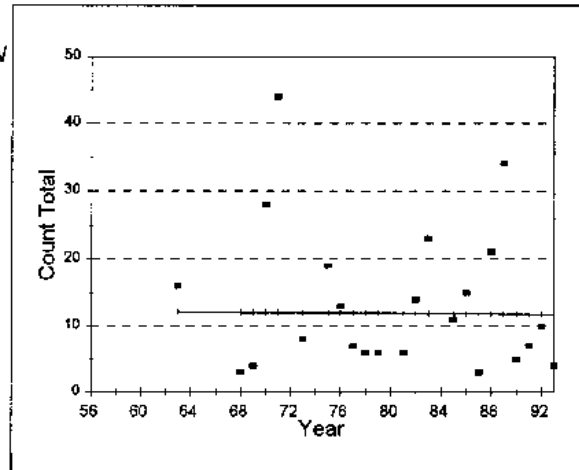
ANWR+CCW

2 outliers removed

Trend Slope as % of Avg = -0.11%

Regression Statistics

Multiple R	0.01
R Square	0.00
Adjusted R Square	-0.04
Standard Error	11.00
Observations	26.00

**Analysis of Variance**

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>		
Regression	1.00	0.40	0.40	0.00	0.95		
Residual	24.00	2904.57	121.02				
Total	25.00	2904.96					
	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>	
Intercept	13.05	19.17	0.68	0.50	-26.51	52.61	
x1	-0.01	0.24	-0.06	0.95	-0.51	0.48	
<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>		<i>y</i>	
1	11.90	-10.90	-0.99	1.92		1	
2	12.17	-11.17	-1.02	5.77		1	
3	12.14	-10.14	-0.92	9.62		2	
4	12.12	-9.12	-0.83	13.46		3	
5	11.85	-8.85	-0.80	17.31		3	
6	11.77	-7.77	-0.71	21.15		4	
7	12.10	-8.10	-0.74	25.00		4	
8	11.81	-6.81	-0.62	28.85		5	
9	11.94	-5.94	-0.54	32.69		6	
10	11.98	-5.98	-0.54	36.54		6	
11	11.96	-5.96	-0.54	40.38		6	
12	11.80	-4.80	-0.44	44.23		7	
13	11.99	-4.99	-0.45	48.08		7	
14	12.05	-4.05	-0.37	51.92		8	
15	11.79	-1.79	-0.16	55.77		10	
16	11.88	-0.88	-0.08	59.62		11	
17	12.01	0.99	0.09	63.46		13	
18	11.92	2.08	0.19	67.31		14	
19	11.87	3.13	0.28	71.15		15	
20	12.18	3.82	0.35	75.00		16	
21	12.02	6.98	0.63	78.85		19	
22	11.84	9.16	0.83	82.69		21	
23	11.91	11.09	1.01	86.54		23	
24	12.09	15.91	1.45	90.38		28	
25	11.83	22.17	2.02	94.23		34	
26	12.07	31.93	2.90	98.08		44	

Seaside Sparrow

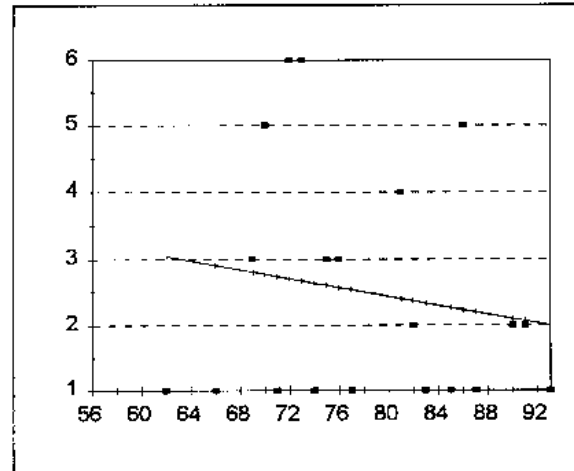
ANWR

2 outliers removed

Trend Slope as % of Avg = -1.35%

Regression Statistics

Multiple R	0.17
R Square	0.03
Adjusted R Square	-0.03
Standard Error	1.82
Observations	20.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	1.67	1.67	0.51	0.49
Residual	18.00	59.33	3.30		
Total	19.00	61.00			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	5.14	3.73	1.38	0.18	-2.69	12.97
x1	-0.03	0.05	-0.71	0.49	-0.13	0.07

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	2.74	-1.74	-0.96	2.50	1
2	2.64	-1.64	-0.90	7.50	1
3	2.91	-1.91	-1.05	12.50	1
4	3.05	-2.05	-1.13	17.50	1
5	2.20	-1.20	-0.66	22.50	1
6	2.54	-1.54	-0.85	27.50	1
7	2.00	-1.00	-0.55	32.50	1
8	2.27	-1.27	-0.70	37.50	1
9	2.34	-1.34	-0.74	42.50	1
10	2.37	-0.37	-0.20	47.50	2
11	2.07	-0.07	-0.04	52.50	2
12	2.10	-0.10	-0.06	57.50	2
13	2.61	0.39	0.22	62.50	3
14	2.57	0.43	0.24	67.50	3
15	2.81	0.19	0.11	72.50	3
16	2.40	1.60	0.88	77.50	4
17	2.78	2.22	1.23	82.50	5
18	2.24	2.76	1.52	87.50	5
19	2.67	3.33	1.83	92.50	6
20	2.71	3.29	1.81	97.50	6

Seaside Sparrow

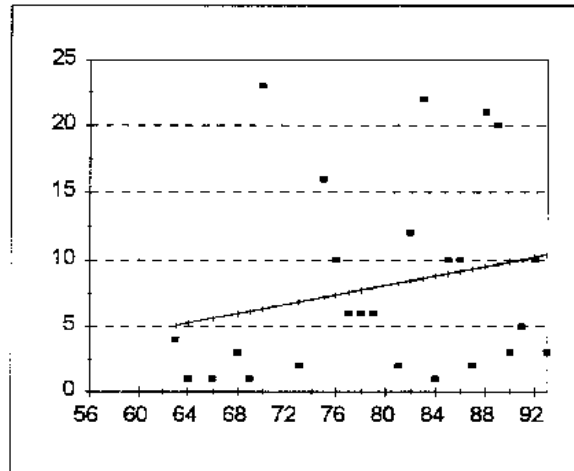
CCW

3 outliers removed

Trend Slope as % of Avg = 2.19%

Regression Statistics

Multiple R	0.22
R Square	0.05
Adjusted R Square	0.01
Standard Error	7.17
Observations	25.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	62.26	62.26	1.21	0.28
Residual	23.00	1183.74	51.47		
Total	24.00	1246.00			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-5.95	12.77	-0.47	0.65	-32.36	20.46
x1	0.18	0.16	1.10	0.28	-0.15	0.51

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	5.27	-4.27	-0.60	2.00	1
2	8.78	-7.78	-1.08	6.00	1
3	6.15	-5.15	-0.72	10.00	1
4	5.62	-4.62	-0.64	14.00	1
5	6.85	-4.85	-0.68	18.00	2
6	9.30	-7.30	-1.02	22.00	2
7	8.25	-6.25	-0.87	26.00	2
8	10.36	-7.36	-1.03	30.00	3
9	5.97	-2.97	-0.41	34.00	3
10	9.83	-6.83	-0.95	38.00	3
11	5.10	-1.10	-0.15	42.00	4
12	10.01	-5.01	-0.70	46.00	5
13	7.73	-1.73	-0.24	50.00	6
14	7.55	-1.55	-0.22	54.00	6
15	7.90	-1.90	-0.27	58.00	6
16	7.38	2.62	0.37	62.00	10
17	8.95	1.05	0.15	66.00	10
18	9.13	0.87	0.12	70.00	10
19	10.18	-0.18	-0.03	74.00	10
20	8.43	3.57	0.50	78.00	12
21	7.20	8.80	1.23	82.00	16
22	9.66	10.34	1.44	86.00	20
23	9.48	11.52	1.61	90.00	21
24	8.60	13.40	1.87	94.00	22
25	6.32	16.68	2.32	98.00	23

Fox Sparrow

Data Corrected:
Count/(Party Hours^B)
where B = .94

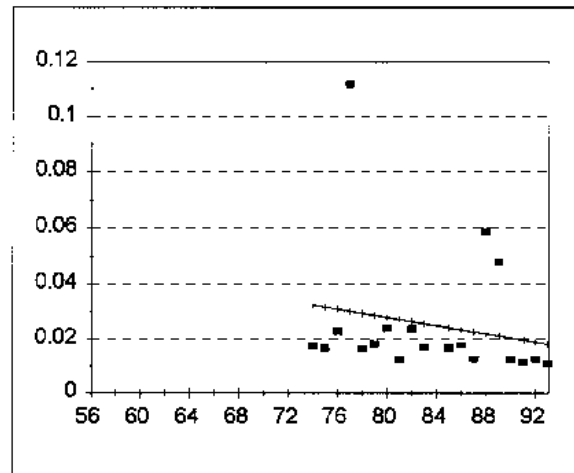
1 outlier removed

Trend Slope as % of Avg = -4.76%

Regression Statistics

Multiple R	0.19
R Square	0.04
Adjusted R Square	-0.02
Standard Error	0.02
Observations	19.00

CCW



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	0.00	0.00	0.64	0.43
Residual	17.00	0.01	0.00		
Total	18.00	0.01			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	0.09	0.08	1.12	0.28	-0.08	0.26
x1	-0.00	0.00	-0.80	0.43	-0.00	0.00

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	0.02	-0.01	-0.30	2.63	0
2	0.02	-0.01	-0.33	7.89	0
3	0.03	-0.01	-0.61	13.16	0
4	0.02	-0.01	-0.32	18.42	0
5	0.02	-0.01	-0.41	23.68	0
6	0.02	-0.01	-0.25	28.95	0
7	0.03	-0.01	-0.53	34.21	0
8	0.03	-0.02	-0.62	39.47	0
9	0.02	-0.01	-0.30	44.74	0
10	0.03	-0.01	-0.36	50.00	0
11	0.03	-0.02	-0.61	55.26	0
12	0.02	-0.01	-0.23	60.53	0
13	0.03	-0.01	-0.43	65.79	0
14	0.03	-0.01	-0.34	71.05	0
15	0.03	-0.00	-0.11	76.32	0
16	0.03	-0.00	-0.16	81.58	0
17	0.02	0.03	1.09	86.84	0
18	0.02	0.04	1.50	92.11	0
19	0.03	0.08	3.32	97.37	0

Song Sparrow

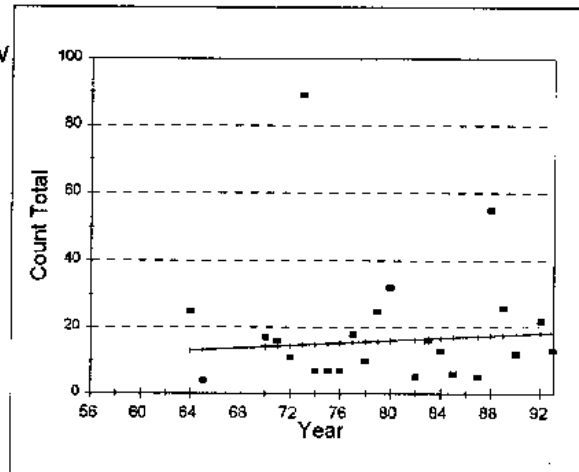
ANWR+CCW

1 outliers removed

Trend Slope as % of Avg = 1.16%

Regression Statistics

Multiple R	0.09
R Square	0.01
Adjusted R Square	-0.03
Standard Error	18.49
Observations	29.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	74.97	74.97	0.22	0.64
Residual	27.00	9232.34	341.94		
Total	28.00	9307.31			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	1.42	30.82	0.05	0.96	-61.82	64.66
x1	0.18	0.39	0.47	0.64	-0.62	0.98

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	13.67	-12.67	-0.69	1.72	1
2	13.49	-12.49	-0.68	5.17	1
3	14.04	-11.04	-0.60	8.62	3
4	13.85	-10.85	-0.59	12.07	3
5	18.06	-14.06	-0.76	15.52	4
6	17.15	-13.15	-0.71	18.97	4
7	13.31	-9.31	-0.50	22.41	4
8	17.33	-12.33	-0.67	25.86	5
9	16.41	-11.41	-0.62	29.31	5
10	16.96	-10.96	-0.59	32.76	6
11	14.95	-7.95	-0.43	36.21	7
12	15.32	-8.32	-0.45	39.66	7
13	15.13	-8.13	-0.44	43.10	7
14	15.68	-5.68	-0.31	46.55	10
15	14.59	-3.59	-0.19	50.00	11
16	17.88	-5.88	-0.32	53.45	12
17	18.43	-5.43	-0.29	56.90	13
18	16.78	-3.78	-0.20	60.34	13
19	16.60	-0.60	-0.03	63.79	16
20	14.40	1.60	0.09	67.24	16
21	14.22	2.78	0.15	70.69	17
22	15.50	2.50	0.14	74.14	18
23	18.24	3.76	0.20	77.59	22
24	15.87	9.13	0.49	81.03	25
25	13.12	11.88	0.64	84.48	25
26	17.69	8.31	0.45	87.93	26
27	16.05	15.95	0.86	91.38	32
28	17.51	37.49	2.03	94.83	55
29	14.77	74.23	4.01	98.28	89

Song Sparrow

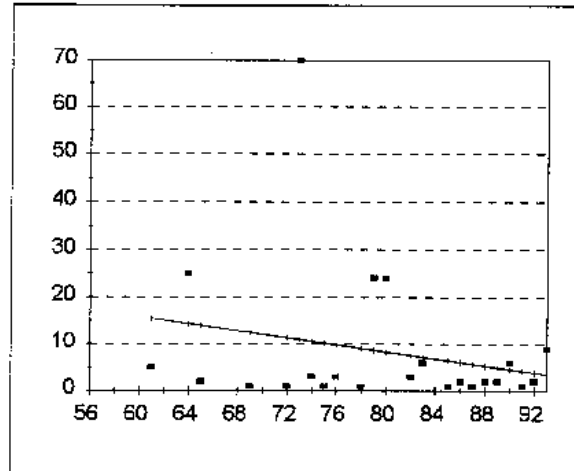
ANWR

1 outlier removed

Trend Slope as % of Avg = -4.42%

Regression Statistics

Multiple R	0.23
R Square	0.05
Adjusted R Square	0.01
Standard Error	15.40
Observations	23.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	274.65	274.65	1.16	0.29
Residual	21.00	4981.09	237.19		
Total	22.00	5255.74			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	38.32	27.91	1.37	0.18	-19.73	96.37
x1	-0.37	0.35	-1.08	0.29	-1.10	0.35

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	12.47	-11.47	-0.74	2.17	1
2	4.23	-3.23	-0.21	6.52	1
3	11.34	-10.34	-0.67	10.87	1
4	5.73	-4.73	-0.31	15.22	1
5	10.22	-9.22	-0.60	19.57	1
6	6.47	-5.47	-0.36	23.91	1
7	9.10	-8.10	-0.53	28.26	1
8	4.98	-2.98	-0.19	32.61	2
9	3.85	-1.85	-0.12	36.96	2
10	13.97	-11.97	-0.78	41.30	2
11	5.35	-3.35	-0.22	45.65	2
12	6.10	-4.10	-0.27	50.00	2
13	10.60	-7.60	-0.49	54.35	3
14	7.60	-4.60	-0.30	58.70	3
15	9.85	-6.85	-0.44	63.04	3
16	15.47	-10.47	-0.68	67.39	5
17	4.60	1.40	0.09	71.74	6
18	7.22	-1.22	-0.08	76.09	6
19	3.48	5.52	0.36	80.43	9
20	8.72	15.28	0.99	84.78	24
21	8.35	15.65	1.02	89.13	24
22	14.34	10.66	0.69	93.48	25
23	10.97	59.03	3.83	97.83	70

Song Sparrow

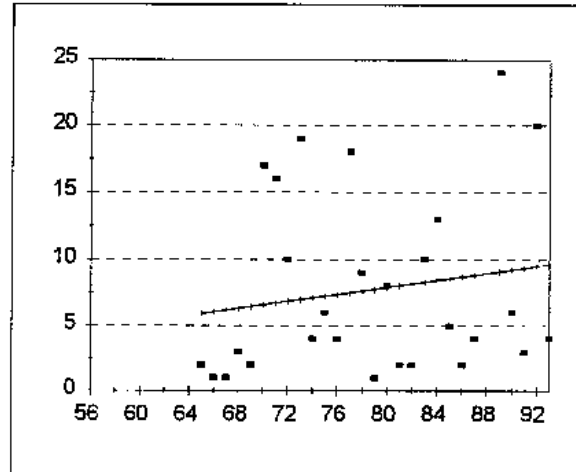
CCW

1 outlier removed

Trend Slope as % of Avg = 1.69%

Regression Statistics

Multiple R	0.16
R Square	0.03
Adjusted R Square	-0.01
Standard Error	6.86
Observations	28.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	33.26	33.26	0.71	0.41
Residual	26.00	1222.45	47.02		
Total	27.00	1255.71			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-2.57	12.30	-0.21	0.84	-27.85	22.71
x1	0.13	0.16	0.84	0.41	-0.19	0.45

Observations	Predicted Y	Residuals	Stdz'd Residuals	Percentile	y
1	6.06	-5.06	-0.74	1.79	1
2	6.19	-5.19	-0.76	5.36	1
3	7.76	-6.76	-0.99	8.93	1
4	5.93	-3.93	-0.57	12.50	2
5	6.45	-4.45	-0.65	16.07	2
6	8.02	-6.02	-0.88	19.64	2
7	8.15	-6.15	-0.90	23.21	2
8	8.67	-6.67	-0.97	26.79	2
9	6.32	-3.32	-0.48	30.36	3
10	9.33	-6.33	-0.92	33.93	3
11	7.10	-3.10	-0.45	37.50	4
12	8.80	-4.80	-0.70	41.07	4
13	9.59	-5.59	-0.81	44.64	4
14	7.36	-3.36	-0.49	48.21	4
15	8.54	-3.54	-0.52	51.79	5
16	7.23	-1.23	-0.18	55.36	6
17	9.19	-3.19	-0.47	58.93	6
18	7.89	0.11	0.02	62.50	8
19	7.63	1.37	0.20	66.07	9
20	8.28	1.72	0.25	69.64	10
21	6.84	3.16	0.46	73.21	10
22	8.41	4.59	0.67	76.79	13
23	6.71	9.29	1.35	80.36	16
24	6.58	10.42	1.52	83.93	17
25	7.49	10.51	1.53	87.50	18
26	6.97	12.03	1.75	91.07	19
27	9.46	10.54	1.54	94.64	20
28	9.06	14.94	2.18	98.21	24

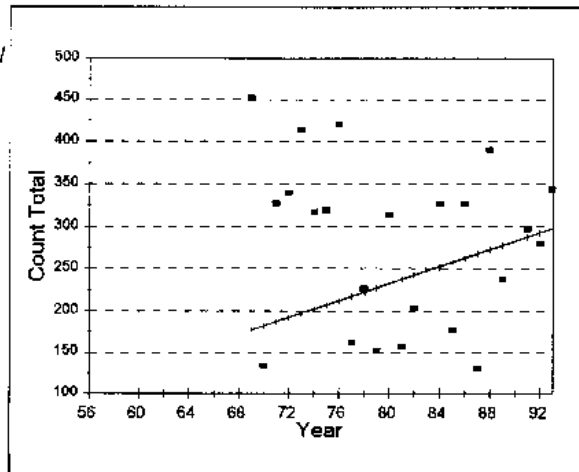
Lincoln's Sparrow

ANWR+CCW

Trend Slope as % of Avg = 2.26%

Regression Statistics

Multiple R	0.35
R Square	0.12
Adjusted R Square	0.09
Standard Error	125.18
Observations	31.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	62752.27	62752.27	4.00	0.05
Residual	29.00	454435.67	15670.20		
Total	30.00	517187.94			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-170.10	197.35	-0.86	0.40	-573.73	233.53
x1	5.03	2.51	2.00	0.05	-0.11	10.17

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	146.80	-134.80	-1.08	1.61	12
2	151.83	-121.83	-0.97	4.84	30
3	156.86	-121.86	-0.97	8.06	35
4	171.96	-132.96	-1.06	11.29	39
5	161.90	-116.90	-0.93	14.52	45
6	166.93	-88.93	-0.71	17.74	78
7	282.62	-202.62	-1.62	20.97	80
8	247.41	-122.41	-0.98	24.19	125
9	267.53	-136.53	-1.09	27.42	131
10	182.02	-48.02	-0.38	30.65	134
11	227.29	-75.29	-0.60	33.87	152
12	237.35	-80.35	-0.64	37.10	157
13	217.23	-55.23	-0.44	40.32	162
14	257.47	-80.47	-0.64	43.55	177
15	242.38	-39.38	-0.31	46.77	203
16	222.26	3.74	0.03	50.00	226
17	277.59	-40.59	-0.32	53.23	237
18	292.68	-12.68	-0.10	56.45	280
19	287.65	9.35	0.07	59.68	297
20	232.32	81.68	0.65	62.90	314
21	202.14	114.86	0.92	66.13	317
22	207.17	111.83	0.89	69.35	319
23	262.50	63.50	0.51	72.58	326
24	252.44	74.56	0.60	75.81	327
25	187.05	139.95	1.12	79.03	327
26	192.08	147.92	1.18	82.26	340
27	297.71	46.29	0.37	85.48	344
28	272.56	117.44	0.94	88.71	390
29	197.11	216.89	1.73	91.94	414
30	212.20	207.80	1.66	95.16	420
31	176.99	275.01	2.20	98.39	452

Lincoln's Sparrow

Data Corrected:
Count/(Party Hours^B)
where B = .71

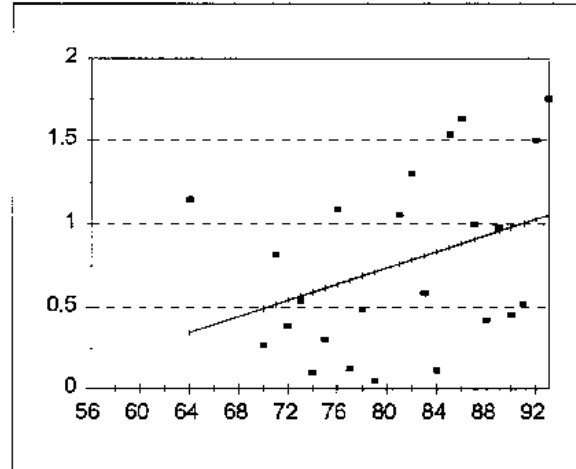
2 outliers removed

Trend Slope as % of Avg = 4.86%

Regression Statistics

Multiple R	0.37
R Square	0.13
Adjusted R Square	0.10
Standard Error	0.50
Observations	24.00

ANWR



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	0.87	0.87	3.43	0.08
Residual	22.00	5.56	0.25		
Total	23.00	6.42			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-1.22	1.07	-1.14	0.27	-3.45	1.00
x1	0.02	0.01	1.85	0.08	-0.00	0.05

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	0.71	-0.66	-1.31	2.08	0
2	0.59	-0.49	-0.97	6.25	0
3	0.83	-0.72	-1.43	10.42	0
4	0.66	-0.54	-1.07	14.58	0
5	0.49	-0.22	-0.44	18.75	0
6	0.61	-0.31	-0.62	22.92	0
7	0.54	-0.16	-0.31	27.08	0
8	0.93	-0.51	-1.02	31.25	0
9	0.98	-0.53	-1.05	35.42	0
10	0.69	-0.20	-0.40	39.58	0
11	1.01	-0.49	-0.97	43.75	1
12	0.56	-0.03	-0.05	47.92	1
13	0.81	-0.22	-0.45	52.08	1
14	0.52	0.30	0.59	56.25	1
15	0.96	0.02	0.05	60.42	1
16	0.91	0.09	0.19	64.58	1
17	0.76	0.29	0.59	68.75	1
18	0.64	0.45	0.90	72.92	1
19	0.34	0.80	1.60	77.08	1
20	0.79	0.52	1.03	81.25	1
21	1.03	0.47	0.94	85.42	2
22	0.86	0.68	1.35	89.58	2
23	0.88	0.75	1.49	93.75	2
24	1.05	0.70	1.39	97.92	2

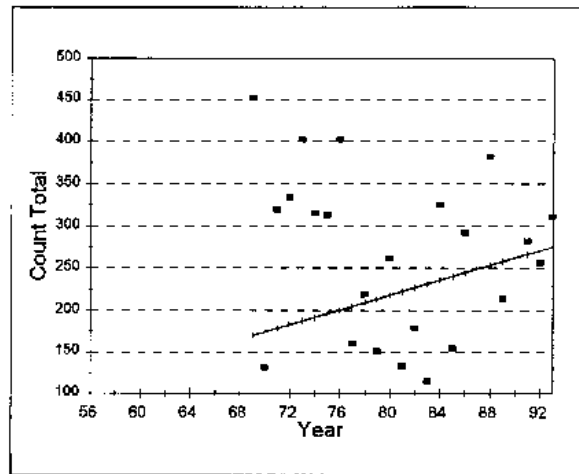
Lincoln's Sparrow

CCW

Trend Slope as % of Avg = 2.11%

Regression Statistics

Multiple R	0.31
R Square	0.10
Adjusted R Square	0.06
Standard Error	125.29
Observations	31.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	48162.52	48162.52	3.07	0.09
Residual	29.00	455233.35	15697.70		
Total	30.00	503395.87			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-134.67	197.53	-0.68	0.50	-538.66	269.32
x1	4.41	2.52	1.75	0.09	-0.74	9.55

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	147.37	-137.37	-1.10	1.61	10
2	142.96	-130.96	-1.05	4.84	12
3	156.18	-137.18	-1.09	8.06	19
4	151.78	-116.78	-0.93	11.29	35
5	165.00	-126.00	-1.01	14.52	39
6	261.95	-189.95	-1.52	17.74	72
7	160.59	-82.59	-0.66	20.97	78
8	248.73	-134.73	-1.08	24.19	114
9	231.10	-116.10	-0.93	27.42	115
10	173.81	-42.81	-0.34	30.65	131
11	222.29	-89.29	-0.71	33.87	133
12	213.47	-62.47	-0.50	37.10	151
13	239.91	-85.91	-0.69	40.32	154
14	204.66	-44.66	-0.36	43.55	160
15	226.69	-47.69	-0.38	46.77	179
16	257.54	-43.54	-0.35	50.00	214
17	209.06	9.94	0.08	53.23	219
18	270.76	-14.76	-0.12	58.45	256
19	217.88	43.12	0.34	59.68	261
20	266.35	15.65	0.12	62.90	282
21	244.32	47.68	0.38	66.13	292
22	275.17	35.83	0.29	69.35	311
23	195.84	117.16	0.94	72.58	313
24	191.44	123.56	0.99	75.81	315
25	178.22	140.78	1.12	79.03	319
26	235.51	89.49	0.71	82.26	325
27	182.62	151.38	1.21	85.48	334
28	253.13	128.87	1.03	88.71	382
29	187.03	214.97	1.72	91.94	402
30	200.25	201.75	1.61	95.16	402
31	169.40	282.60	2.26	98.39	452

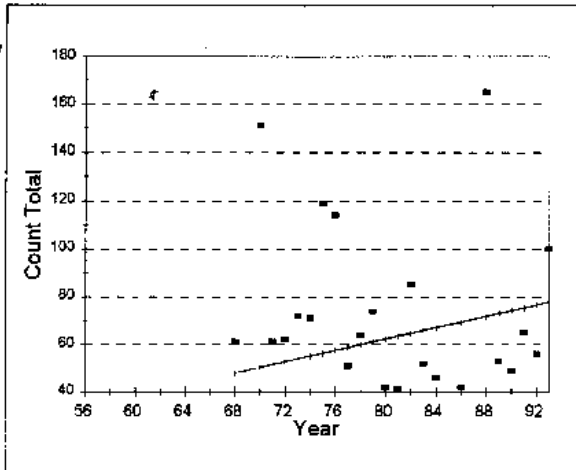
Swamp Sparrow

ANWR+CCW

Trend Slope as % of Avg = 1.99%

Regression Statistics

Multiple R	0.28
R Square	0.08
Adjusted R Square	0.05
Standard Error	37.21
Observations	31.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	3540.07	3540.07	2.56	0.12
Residual	29.00	40151.80	1384.54		
Total	30.00	43691.87			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-33.26	58.66	-0.57	0.57	-153.23	86.72
x1	1.19	0.75	1.60	0.12	-0.33	2.72

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	44.40	-42.40	-1.14	1.61	2
2	42.01	-33.01	-0.89	4.84	9
3	49.18	-38.18	-1.03	8.06	11
4	45.60	-29.60	-0.80	11.29	16
5	43.21	-16.21	-0.44	14.52	27
6	46.79	-18.79	-0.51	17.74	28
7	68.30	-35.30	-0.95	20.97	33
8	70.69	-34.69	-0.93	24.19	36
9	63.52	-22.52	-0.61	27.42	41
10	62.32	-20.32	-0.55	30.65	42
11	69.49	-27.49	-0.74	33.87	42
12	67.10	-21.10	-0.57	37.10	46
13	74.27	-25.27	-0.68	40.32	49
14	58.74	-7.74	-0.21	43.55	51
15	65.91	-13.91	-0.37	46.77	52
16	73.08	-20.08	-0.54	50.00	53
17	76.66	-20.66	-0.56	53.23	56
18	47.99	13.01	0.35	56.45	61
19	51.57	9.43	0.25	59.68	61
20	52.77	9.23	0.25	62.90	62
21	59.94	4.06	0.11	66.13	64
22	75.47	-10.47	-0.28	69.35	65
23	55.16	15.84	0.43	72.58	71
24	53.96	18.04	0.48	75.81	72
25	61.13	12.87	0.35	79.03	74
26	64.71	20.29	0.55	82.26	85
27	77.86	22.14	0.60	85.48	100
28	57.55	56.45	1.52	88.71	114
29	56.35	62.65	1.68	91.94	119
30	50.38	100.62	2.70	95.16	151
31	71.88	93.12	2.50	98.39	165

Swamp Sparrow

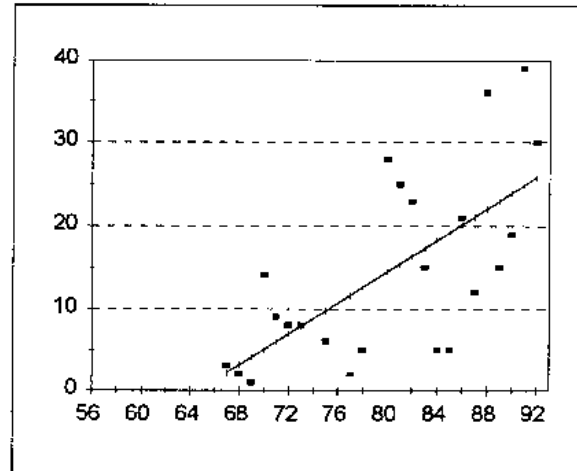
ANWR

3 outliers removed

Trend Slope as % of Avg = 6.58%

Regression Statistics

Multiple R	0.67
R Square	0.45
Adjusted R Square	0.42
Standard Error	8.60
Observations	23.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	1269.72	1269.72	17.18	0.00
Residual	21.00	1551.76	73.89		
Total	22.00	2821.48			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-61.29	18.34	-3.34	0.00	-99.43	-23.14
x1	0.95	0.23	4.15	0.00	0.47	1.42

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	4.06	-3.06	-0.36	2.17	1
2	11.63	-9.63	-1.12	6.52	2
3	3.11	-1.11	-0.13	10.87	2
4	2.16	0.84	0.10	15.22	3
5	18.26	-13.26	-1.54	19.57	5
6	12.58	-7.58	-0.88	23.91	5
7	19.21	-14.21	-1.65	28.26	5
8	9.74	-3.74	-0.43	32.61	6
9	7.84	0.16	0.02	36.96	8
10	6.90	1.10	0.13	41.30	8
11	5.95	3.05	0.35	45.65	9
12	21.10	-9.10	-1.06	50.00	12
13	5.00	9.00	1.05	54.35	14
14	17.31	-2.31	-0.27	58.70	15
15	23.00	-8.00	-0.93	63.04	15
16	23.94	-4.94	-0.58	67.39	19
17	20.16	0.84	0.10	71.74	21
18	16.37	6.63	0.77	76.09	23
19	15.42	9.58	1.11	80.43	25
20	14.47	13.53	1.57	84.78	28
21	25.84	4.16	0.48	89.13	30
22	22.05	13.95	1.62	93.48	36
23	24.89	14.11	1.64	97.83	39

Swamp Sparrow

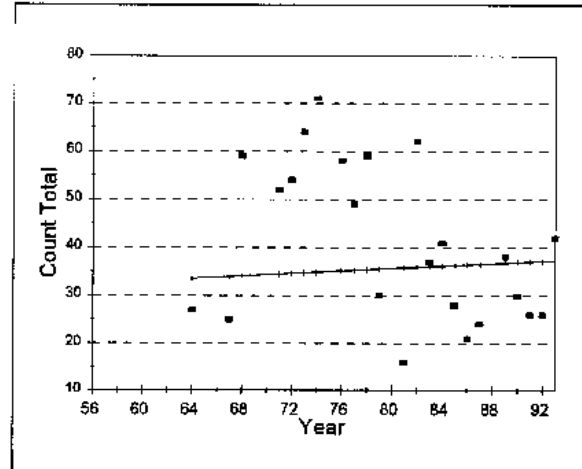
CCW

3 outliers removed

Trend Slope as % of Avg = 0.36%

Regression Statistics

Multiple R	0.06
R Square	0.00
Adjusted R Square	-0.03
Standard Error	19.36
Observations	28.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	38.14	38.14	0.10	0.75
Residual	26.00	9744.28	374.78		
Total	27.00	9782.43			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	25.32	31.67	0.80	0.43	-39.77	90.41
x1	0.13	0.40	0.32	0.75	-0.70	0.96

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	33.68	-31.68	-1.64	1.79	2
2	33.42	-24.42	-1.26	5.36	9
3	34.20	-24.20	-1.25	8.93	10
4	35.61	-21.61	-1.12	12.50	14
5	33.81	-17.81	-0.92	16.07	16
6	35.74	-19.74	-1.02	19.64	16
7	36.38	-15.38	-0.79	23.21	21
8	36.51	-12.51	-0.65	26.79	24
9	33.94	-8.94	-0.46	30.36	25
10	37.02	-11.02	-0.57	33.93	26
11	37.15	-11.15	-0.58	37.50	26
12	33.55	-6.55	-0.34	41.07	27
13	36.25	-8.25	-0.43	44.64	28
14	35.48	-5.48	-0.28	48.21	30
15	36.90	-6.90	-0.36	51.79	30
16	36.00	1.00	0.05	55.36	37
17	36.77	1.23	0.06	58.93	38
18	36.12	4.88	0.25	62.50	41
19	37.28	4.72	0.24	66.07	42
20	35.22	13.78	0.71	69.64	49
21	34.45	17.55	0.91	73.21	52
22	34.58	19.42	1.00	76.79	54
23	35.10	22.90	1.18	80.36	58
24	35.35	23.65	1.22	83.93	59
25	34.07	24.93	1.29	87.50	59
26	35.87	26.13	1.35	91.07	62
27	34.71	29.29	1.51	94.64	64
28	34.84	36.16	1.87	98.21	71

White-throated Sparrow

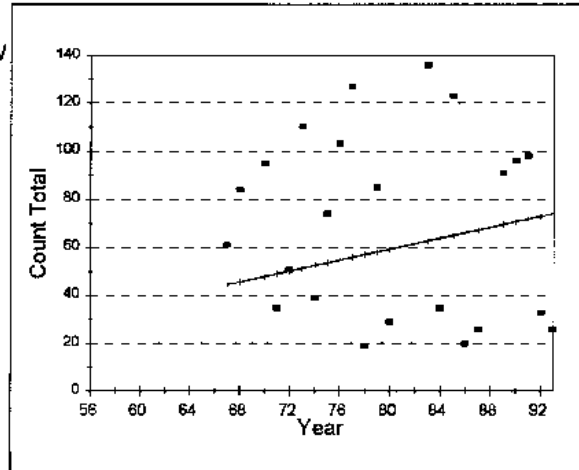
ANWR+CCW

2 outliers removed

Trend Slope as % of Avg = 2.01%

Regression Statistics

Multiple R	0.25
R Square	0.06
Adjusted R Square	0.03
Standard Error	41.90
Observations	29.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	3066.66	3066.66	1.75	0.20
Residual	27.00	47412.51	1756.02		
Total	28.00	50479.17			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-31.75	67.27	-0.47	0.64	-169.79	106.28
x1	1.14	0.86	1.32	0.20	-0.63	2.91

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	61.62	-60.62	-1.45	1.72	1
2	43.40	-41.40	-0.99	5.17	2
3	39.98	-37.98	-0.91	8.62	2
4	42.26	-32.26	-0.77	12.07	10
5	46.81	-34.81	-0.83	15.52	12
6	41.12	-24.12	-0.58	18.97	17
7	57.06	-38.06	-0.91	22.41	19
8	66.17	-46.17	-1.10	25.86	20
9	74.14	-48.14	-1.15	29.31	26
10	67.31	-41.31	-0.99	32.76	26
11	59.34	-30.34	-0.72	36.21	29
12	73.00	-40.00	-0.95	39.66	33
13	63.89	-28.89	-0.69	43.10	35
14	49.09	-14.09	-0.34	46.55	35
15	52.51	-13.51	-0.32	50.00	39
16	50.23	0.77	0.02	53.45	51
17	44.54	16.46	0.39	56.90	61
18	53.65	20.35	0.49	60.34	74
19	45.68	38.32	0.91	63.79	84
20	58.20	26.80	0.64	67.24	85
21	69.59	21.41	0.51	70.69	91
22	47.95	47.05	1.12	74.14	95
23	70.73	25.27	0.60	77.59	96
24	71.86	26.14	0.62	81.03	98
25	54.78	48.22	1.15	84.48	103
26	51.37	58.63	1.40	87.93	110
27	65.03	57.97	1.38	91.38	123
28	55.92	71.08	1.70	94.83	127
29	62.76	73.24	1.75	98.28	136

White-throated Sparrow

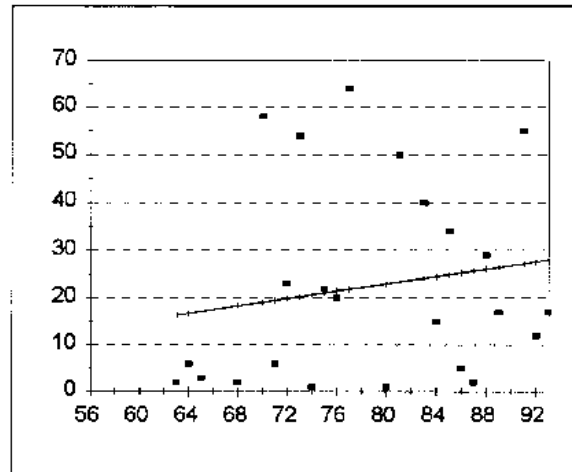
ANWR

2 outliers removed

Trend Slope as % of Avg = 1.72%

Regression Statistics

Multiple R	0.17
R Square	0.03
Adjusted R Square	-0.01
Standard Error	20.92
Observations	24.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	290.87	290.87	0.66	0.42
Residual	22.00	9626.96	437.59		
Total	23.00	9917.83			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-7.84	37.36	-0.21	0.84	-85.33	69.64
x1	0.38	0.47	0.82	0.42	-0.59	1.36

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	20.64	-19.64	-0.94	2.08	1
2	22.95	-21.95	-1.05	6.25	1
3	16.40	-14.40	-0.69	10.42	2
4	18.33	-16.33	-0.78	14.58	2
5	25.64	-23.64	-1.13	18.75	2
6	17.17	-14.17	-0.68	22.92	3
7	25.26	-20.26	-0.97	27.08	5
8	16.79	-10.79	-0.52	31.25	6
9	19.48	-13.48	-0.64	35.42	6
10	27.56	-15.56	-0.74	39.58	12
11	24.49	-9.49	-0.45	43.75	15
12	27.95	-10.95	-0.52	47.92	17
13	26.41	-9.41	-0.45	52.08	17
14	21.41	-1.41	-0.07	56.25	20
15	21.02	0.98	0.05	60.42	22
16	19.87	3.13	0.15	64.58	23
17	26.02	2.98	0.14	68.75	29
18	24.87	9.13	0.44	72.92	34
19	24.10	15.90	0.76	77.08	40
20	23.33	26.67	1.27	81.25	50
21	20.25	33.75	1.61	85.42	54
22	27.18	27.82	1.33	89.58	55
23	19.10	38.90	1.86	93.75	58
24	21.79	42.21	2.02	97.92	64

White-throated Sparrow

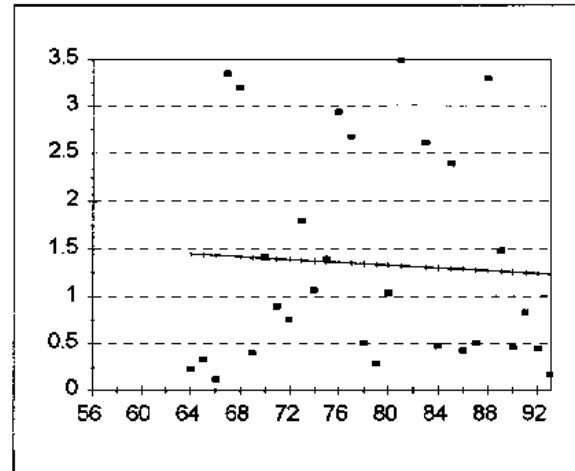
Data Corrected:
Count/(Party Hours^B)
where B = .83

CCW

Trend Slope as % of Avg = -0.59%

Regression Statistics

Multiple R	0.06
R Square	0.00
Adjusted R Square	-0.03
Standard Error	1.15
Observations	29.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	0.12	0.12	0.09	0.76
Residual	27.00	35.69	1.32		
Total	28.00	35.82			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	1.93	1.92	1.00	0.32	-2.01	5.86
x1	-0.01	0.02	-0.31	0.76	-0.06	0.04

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	1.44	-1.32	-1.15	1.72	0
2	1.23	-1.07	-0.93	5.17	0
3	1.45	-1.22	-1.06	8.62	0
4	1.34	-1.05	-0.91	12.07	0
5	1.44	-1.12	-0.97	15.52	0
6	1.41	-1.01	-0.88	18.97	0
7	1.29	-0.86	-0.75	22.41	0
8	1.24	-0.80	-0.70	25.86	0
9	1.26	-0.80	-0.70	29.31	0
10	1.30	-0.83	-0.72	32.76	0
11	1.28	-0.78	-0.67	36.21	1
12	1.35	-0.84	-0.73	39.66	1
13	1.39	-0.63	-0.55	43.10	1
14	1.25	-0.42	-0.36	46.55	1
15	1.40	-0.50	-0.44	50.00	1
16	1.33	-0.29	-0.26	53.45	1
17	1.38	-0.31	-0.27	56.90	1
18	1.37	0.03	0.03	60.34	1
19	1.41	0.01	0.01	63.79	1
20	1.26	0.22	0.19	67.24	1
21	1.38	0.41	0.36	70.69	2
22	1.29	1.10	0.96	74.14	2
23	1.31	1.30	1.13	77.59	3
24	1.35	1.32	1.15	81.03	3
25	1.36	1.58	1.37	84.48	3
26	1.42	1.77	1.54	87.93	3
27	1.27	2.02	1.76	91.38	3
28	1.43	1.92	1.67	94.83	3
29	1.32	2.17	1.88	98.28	3

White-crowned Sparrow

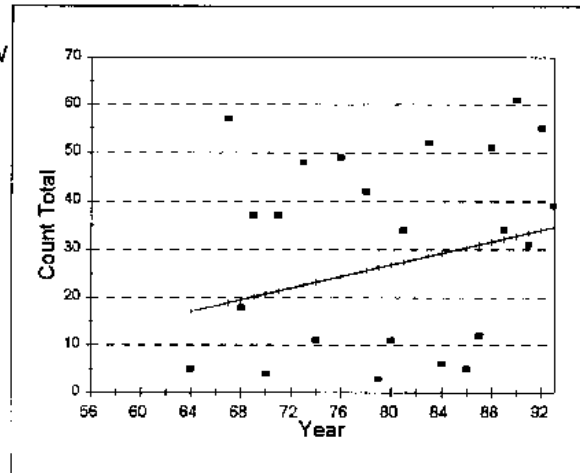
ANWR+CCW

2 outliers removed

Trend Slope as % of Avg = 2.29%

Regression Statistics

Multiple R	0.25
R Square	0.06
Adjusted R Square	0.03
Standard Error	20.81
Observations	27.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	743.39	743.39	1.72	0.20
Residual	25.00	10823.28	432.93		
Total	26.00	11566.67			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-21.26	36.46	-0.58	0.56	-96.35	53.82
x1	0.60	0.46	1.31	0.20	-0.34	1.54

Observations	Predicted Y	Residuals	Stdz'd Residuals	Percentile	y
1	29.73	-28.73	-1.38	1.85	1
2	17.73	-16.73	-0.80	5.56	1
3	27.93	-25.93	-1.25	9.26	2
4	21.93	-19.93	-0.96	12.96	2
5	26.13	-23.13	-1.11	16.67	3
6	20.73	-16.73	-0.80	20.37	4
7	17.13	-12.13	-0.58	24.07	5
8	30.33	-25.33	-1.22	27.78	5
9	29.13	-23.13	-1.11	31.48	6
10	23.13	-12.13	-0.58	35.19	11
11	26.73	-15.73	-0.76	38.89	11
12	30.93	-18.93	-0.91	42.59	12
13	19.53	-1.53	-0.07	46.30	18
14	33.33	-2.33	-0.11	50.00	31
15	27.33	6.67	0.32	53.70	34
16	32.13	1.87	0.09	57.41	34
17	20.13	16.87	0.81	61.11	37
18	21.33	15.67	0.75	64.81	37
19	34.53	4.47	0.21	68.52	39
20	25.53	16.47	0.79	72.22	42
21	22.53	25.47	1.22	75.93	48
22	24.33	24.67	1.19	79.63	49
23	31.53	19.47	0.94	83.33	51
24	28.53	23.47	1.13	87.04	52
25	33.93	21.07	1.01	90.74	55
26	18.93	38.07	1.83	94.44	57
27	32.73	28.27	1.36	98.15	61

White-crowned Sparrow

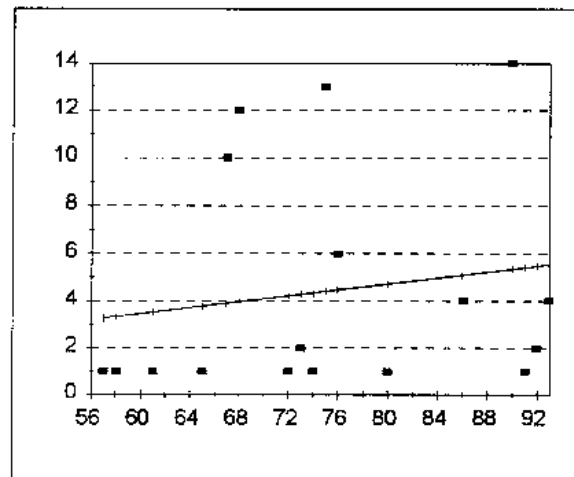
1 outlier removed

Trend Slope as % of Avg = 1.42%

Regression Statistics

Multiple R	0.16
R Square	0.02
Adjusted R Square	-0.04
Standard Error	4.85
Observations	17.00

ANWR



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	8.95	8.95	0.38	0.55
Residual	15.00	353.16	23.54		
Total	16.00	362.12			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-0.30	7.74	-0.04	0.97	-16.79	16.18
x1	0.06	0.10	0.62	0.55	-0.15	0.28

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	3.52	-2.52	-0.52	2.94	1
2	3.77	-2.77	-0.57	8.82	1
3	4.34	-3.34	-0.69	14.71	1
4	3.33	-2.33	-0.48	20.59	1
5	4.71	-3.71	-0.77	26.47	1
6	5.40	-4.40	-0.91	32.35	1
7	4.21	-3.21	-0.66	38.24	1
8	3.27	-2.27	-0.47	44.12	1
9	4.28	-2.28	-0.47	50.00	2
10	5.47	-3.47	-0.71	55.88	2
11	5.09	-1.09	-0.22	61.76	4
12	5.53	-1.53	-0.32	67.65	4
13	4.46	1.54	0.32	73.53	6
14	3.90	6.10	1.26	79.41	10
15	3.96	8.04	1.66	85.29	12
16	4.40	8.60	1.77	91.18	13
17	5.34	8.66	1.78	97.06	14

White-crowned Sparrow

Data Corrected:
Count/(Party Hours^B)
where B = .63

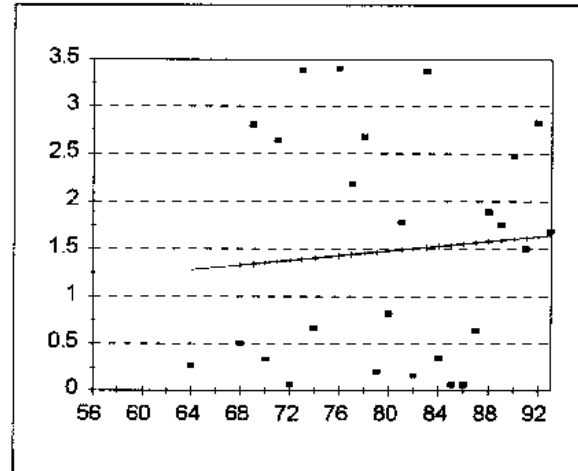
2 outliers removed

Trend Slope as % of Avg = 0.95%

Regression Statistics

Multiple R	0.09
R Square	0.01
Adjusted R Square	-0.03
Standard Error	1.21
Observations	26.00

CCW



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	0.27	0.27	0.18	0.67
Residual	24.00	34.99	1.46		
Total	25.00	35.26			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	0.47	2.36	0.20	0.84	-4.39	5.34
x1	0.01	0.03	0.43	0.67	-0.05	0.07

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	1.54	-1.48	-1.22	1.92	0
2	1.38	-1.31	-1.09	5.77	0
3	1.56	-1.49	-1.23	9.62	0
4	1.51	-1.34	-1.11	13.46	0
5	1.47	-1.26	-1.05	17.31	0
6	1.28	-1.01	-0.84	21.15	0
7	1.35	-1.02	-0.84	25.00	0
8	1.53	-1.18	-0.98	28.85	0
9	1.33	-0.82	-0.68	32.69	1
10	1.57	-0.93	-0.77	36.54	1
11	1.40	-0.74	-0.61	40.38	1
12	1.48	-0.66	-0.55	44.23	1
13	1.62	-0.12	-0.10	48.08	2
14	1.64	0.04	0.03	51.92	2
15	1.59	0.16	0.13	55.77	2
16	1.49	0.29	0.24	59.62	2
17	1.58	0.31	0.26	63.46	2
18	1.44	0.74	0.61	67.31	2
19	1.61	0.87	0.72	71.15	2
20	1.37	1.27	1.06	75.00	3
21	1.46	1.22	1.01	78.85	3
22	1.34	1.46	1.21	82.69	3
23	1.63	1.19	0.99	86.54	3
24	1.52	1.85	1.53	90.38	3
25	1.39	1.99	1.65	94.23	3
26	1.43	1.98	1.64	98.08	3

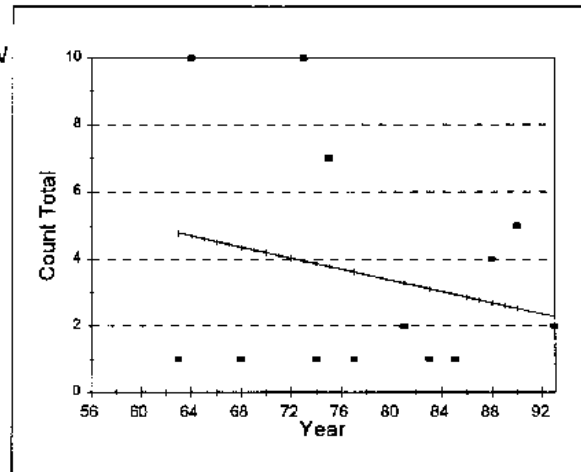
Harris' Sparrow

ANWR+CCW

Trend Slope as % of Avg = -2.34%

Regression Statistics

Multiple R 0.23
R Square 0.05
Adjusted R Square -0.03
Standard Error 3.48
Observations 13.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	7.69	7.69	0.63	0.44
Residual	11.00	133.54	12.14		
Total	12.00	141.23			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	9.99	8.16	1.22	0.24	-7.98	27.96
x1	-0.08	0.10	-0.80	0.44	-0.31	0.15

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	4.37	-3.37	-0.97	3.85	1
2	4.78	-3.78	-1.08	11.54	1
3	2.96	-1.96	-0.56	19.23	1
4	3.62	-2.62	-0.75	26.92	1
5	3.87	-2.87	-0.82	34.62	1
6	3.12	-2.12	-0.61	42.31	1
7	2.30	-0.30	-0.09	50.00	2
8	3.29	-1.29	-0.37	57.69	2
9	2.71	1.29	0.37	65.38	4
10	2.55	2.45	0.70	73.08	5
11	3.79	3.21	0.92	80.77	7
12	3.95	6.05	1.74	88.46	10
13	4.70	5.30	1.52	96.15	10

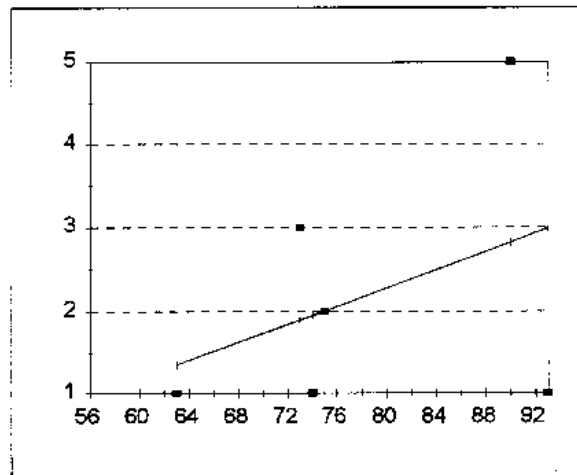
Harris' Sparrow

ANWR

Trend Slope as % of Avg = 2.51%

Regression Statistics

Multiple R	0.38
R Square	0.15
Adjusted R Square	-0.06
Standard Error	1.65
Observations	6.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>		
Regression	1.00	1.90	1.90	0.70	0.45		
Residual	4.00	10.93	2.73				
Total	5.00	12.83					

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	-2.07	5.13	-0.40	0.70	-16.30	12.16
x1	0.05	0.07	0.83	0.44	-0.13	0.24

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	2.98	-1.98	-1.20	8.33	1
2	1.95	-0.95	-0.57	25.00	1
3	1.35	-0.35	-0.21	41.67	1
4	2.00	-0.00	-0.00	58.33	2
5	1.89	1.11	0.67	75.00	3
6	2.82	2.18	1.32	91.67	5

Harris' Sparrow

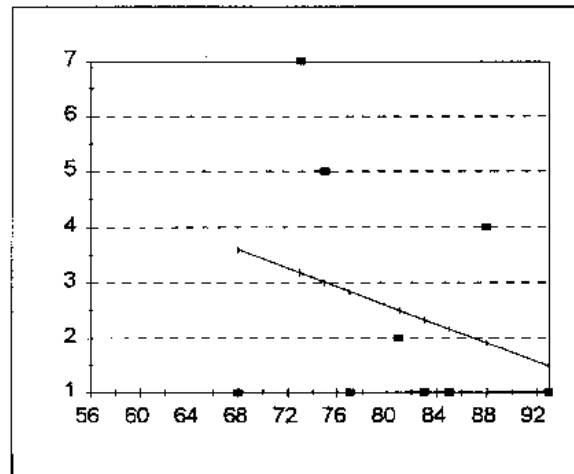
1 outlier removed

Trend Slope as % of Avg = -3.30%

Regression Statistics

Multiple R	0.30
R Square	0.09
Adjusted R Square	-0.04
Standard Error	2.29
Observations	9.00

CCW



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	3.51	3.51	0.67	0.44
Residual	7.00	36.71	5.24		
Total	8.00	40.22			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	9.33	8.31	1.12	0.29	-10.32	28.99
x1	-0.08	0.10	-0.82	0.44	-0.33	0.16

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	2.33	-1.33	-0.58	5.56	1
2	2.16	-1.16	-0.51	16.67	1
3	1.49	-0.49	-0.21	27.78	1
4	2.84	-1.84	-0.80	38.89	1
5	3.60	-2.60	-1.13	50.00	1
6	2.50	-0.50	-0.22	61.11	2
7	1.91	2.09	0.91	72.22	4
8	3.01	1.99	0.87	83.33	5
9	3.17	3.83	1.67	94.44	7

Dark-eyed Junco

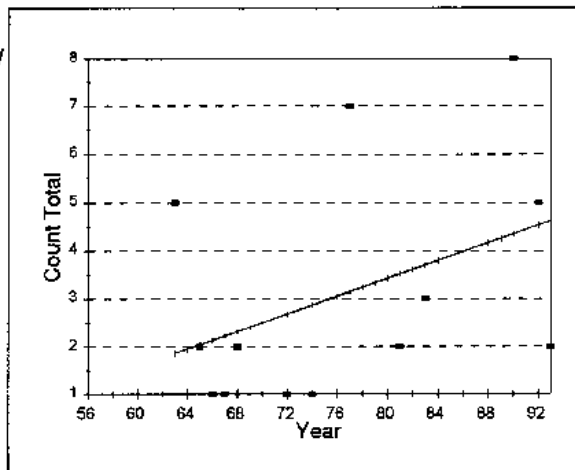
ANWR+CCW

1 outliers removed

Trend Slope as % of Avg = 3.01%

Regression Statistics

Multiple R	0.41
R Square	0.17
Adjusted R Square	0.09
Standard Error	2.28
Observations	13.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>		
Regression	1.00	11.73	11.73	2.26	0.16		
Residual	11.00	57.20	5.20				
Total	12.00	68.92					
	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>	
Intercept	-3.98	4.74	-0.84	0.42	-14.40	6.45	
x1	0.09	0.06	1.50	0.16	-0.04	0.23	
<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>		<i>y</i>	
1	2.69	-1.69	-0.74	3.85		1	
2	2.87	-1.87	-0.82	11.54		1	
3	2.13	-1.13	-0.50	19.23		1	
4	2.22	-1.22	-0.54	26.92		1	
5	3.52	-1.52	-0.67	34.62		2	
6	2.32	-0.32	-0.14	42.31		2	
7	4.63	-2.63	-1.15	50.00		2	
8	2.04	-0.04	-0.02	57.69		2	
9	3.70	-0.70	-0.31	65.38		3	
10	1.85	3.15	1.38	73.08		5	
11	4.54	0.46	0.20	80.77		5	
12	3.15	3.85	1.69	88.46		7	
13	4.35	3.65	1.60	96.15		8	

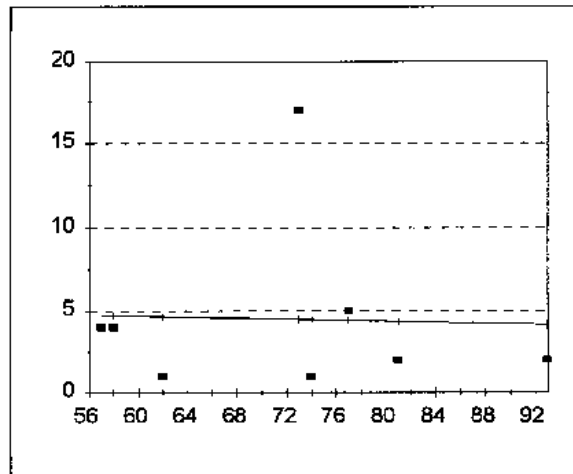
Dark-eyed Junco
(Slate-colored Junco)

ANWR

Trend Slope as % of Avg = -0.36%

Regression Statistics

Multiple R	0.04
R Square	0.00
Adjusted R Square	-0.16
Standard Error	5.68
Observations	8.00



Analysis of Variance

	<i>df</i>	<i>Sum of Squares</i>	<i>Mean Square</i>	<i>F</i>	<i>Significance F</i>
Regression	1.00	0.29	0.29	0.01	0.93
Residual	6.00	193.71	32.29		
Total	7.00	194.00			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Statistic</i>	<i>P-value</i>	<i>Lower 95.00%</i>	<i>Upper 95.00%</i>
Intercept	5.67	12.63	0.45	0.67	-25.23	36.57
x1	-0.02	0.17	-0.09	0.93	-0.44	0.41

<i>Observations</i>	<i>Predicted Y</i>	<i>Residuals</i>	<i>Stdzd Residuals</i>	<i>Percentile</i>	<i>y</i>
1	4.47	-3.47	-0.61	6.25	1
2	4.66	-3.66	-0.64	18.75	1
3	4.16	-2.16	-0.38	31.25	2
4	4.35	-2.35	-0.41	43.75	2
5	4.74	-0.74	-0.13	56.25	4
6	4.73	-0.73	-0.13	68.75	4
7	4.42	0.58	0.10	81.25	5
8	4.48	12.52	2.20	93.75	17

Dark-eyed Junco
(Slate-colored Junco)

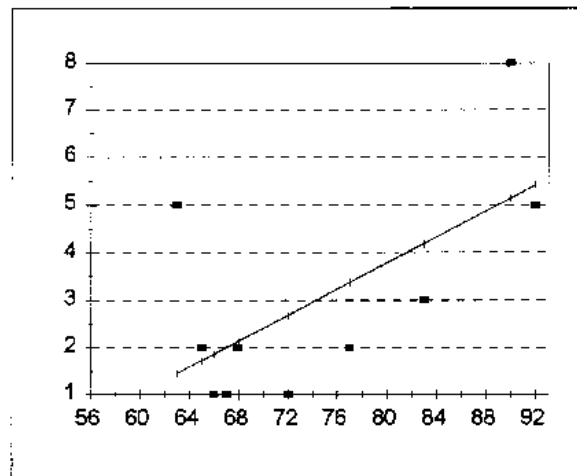
1 outlier removed

Trend Slope as % of Avg = 4.56%

Regression Statistics

Multiple R	0.63
R Square	0.40
Adjusted R Square	0.32
Standard Error	1.90
Observations	10.00

CCW



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	19.14	19.14	5.31	0.05
Residual	8.00	28.86	3.61		
Total	9.00	48.00			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-7.16	4.45	-1.61	0.14	-17.42	3.11
x1	0.14	0.06	2.30	0.05	-0.00	0.27

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	2.69	-1.69	-0.89	5.00	1
2	1.87	-0.87	-0.46	15.00	1
3	2.00	-1.00	-0.53	25.00	1
4	2.14	-0.14	-0.07	35.00	2
5	1.73	0.27	0.14	45.00	2
6	3.37	-1.37	-0.72	55.00	2
7	4.19	-1.19	-0.63	65.00	3
8	1.46	3.54	1.87	75.00	5
9	5.42	-0.42	-0.22	85.00	5
10	5.15	2.85	1.50	95.00	8

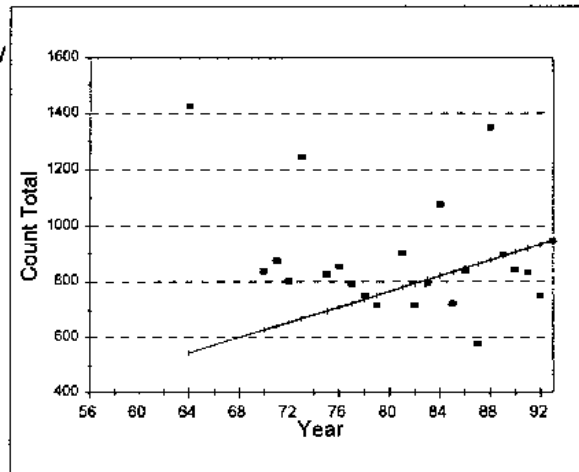
meadowlark sp.

ANWR+CCW

Trend Slope as % of Avg = 1.89%

Regression Statistics

Multiple R 0.40
 R Square 0.16
 Adjusted R Square 0.13
 Standard Error 297.24
 Observations 31.00

**Analysis of Variance**

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	481582.45	481582.45	5.45	0.03
Residual	29.00	2562265.94	88354.00		
Total	30.00	3043848.39			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-348.23	468.62	-0.74	0.46	-1306.66	610.20
x1	13.94	5.97	2.33	0.03	1.73	26.14

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	585.42	-496.42	-1.67	1.61	89
2	599.36	-454.36	-1.53	4.84	145
3	529.68	-317.68	-1.07	8.06	212
4	557.55	-311.55	-1.05	11.29	246
5	571.49	-158.49	-0.53	14.52	413
6	682.97	-251.97	-0.85	17.74	431
7	766.58	-310.58	-1.04	20.97	456
8	613.29	-83.29	-0.28	24.19	530
9	864.13	-287.13	-0.97	27.42	577
10	752.64	-36.64	-0.12	30.65	716
11	794.45	-76.45	-0.26	33.87	718
12	836.26	-111.26	-0.37	37.10	725
13	933.80	-183.80	-0.62	40.32	750
14	738.71	13.29	0.04	43.55	752
15	724.77	66.23	0.22	46.77	791
16	808.39	-14.39	-0.05	50.00	794
17	655.10	147.90	0.50	53.23	803
18	696.90	130.10	0.44	56.45	827
19	919.87	-85.87	-0.29	59.68	834
20	627.23	211.77	0.71	62.90	839
21	850.19	-10.19	-0.03	66.13	840
22	905.93	-63.93	-0.22	69.35	842
23	710.84	145.16	0.49	72.58	856
24	641.16	233.84	0.79	75.81	875
25	892.00	5.00	0.02	79.03	897
26	780.51	122.49	0.41	82.26	903
27	947.74	-1.74	-0.01	85.48	946
28	822.32	252.68	0.85	88.71	1075
29	669.03	573.97	1.93	91.94	1243
30	878.06	471.94	1.59	95.16	1350
31	543.62	881.38	2.97	98.39	1425

meadowlark sp.

Data Corrected:
Count/(Party Hours^B)
where B = .61

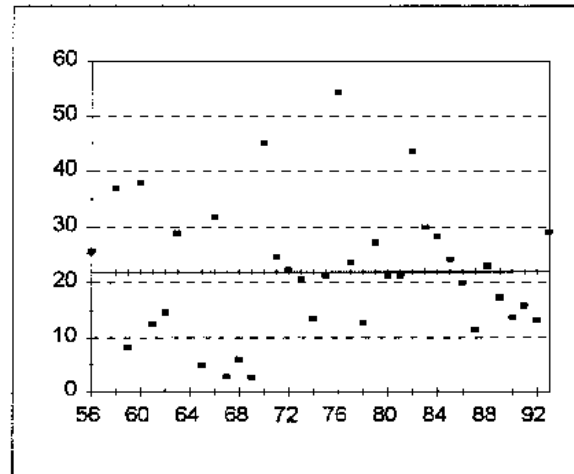
2 outliers removed

Trend Slope as % of Avg = 0.02%

Regression Statistics

Multiple R	0.00
R Square	0.00
Adjusted R Square	-0.03
Standard Error	12.09
Observations	36.00

ANWR



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	0.10	0.10	0.00	0.98
Residual	34.00	4968.69	146.14		
Total	35.00	4968.79			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	21.55	14.30	1.51	0.14	-7.51	50.62
x1	0.00	0.19	0.03	0.98	-0.38	0.39

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	21.89	-19.24	-1.59	1.39	3
2	21.88	-19.07	-1.58	4.17	3
3	21.87	-16.89	-1.40	6.94	5
4	21.89	-15.91	-1.32	9.72	6
5	21.84	-13.64	-1.13	12.50	8
6	21.98	-10.57	-0.87	15.28	11
7	21.85	-9.39	-0.78	18.06	12
8	21.93	-9.18	-0.76	20.83	13
9	22.00	-8.86	-0.73	23.61	13
10	21.91	-8.45	-0.70	26.39	13
11	21.99	-8.24	-0.68	29.17	14
12	21.86	-7.25	-0.60	31.94	15
13	22.00	-6.17	-0.51	34.72	16
14	21.99	-4.76	-0.39	37.50	17
15	21.97	-2.09	-0.17	40.28	20
16	21.91	-1.39	-0.11	43.06	21
17	21.94	-0.86	-0.07	45.83	21
18	21.95	-0.86	-0.07	48.61	21
19	21.92	-0.80	-0.07	51.39	21
20	21.91	0.35	0.03	54.17	22
21	21.98	1.01	0.08	56.94	23
22	21.93	1.72	0.14	59.72	24
23	21.97	2.27	0.19	62.50	24
24	21.90	2.66	0.22	65.28	25
25	21.83	3.79	0.31	68.06	26
26	21.94	5.31	0.44	70.83	27
27	21.96	6.38	0.53	73.61	28
28	21.86	7.02	0.58	76.39	29
29	22.01	7.13	0.59	79.17	29
30	21.96	7.97	0.66	81.94	30
31	21.88	9.99	0.83	84.72	32
32	21.84	15.02	1.24	87.50	37
33	21.85	16.10	1.33	90.28	38
34	21.95	21.52	1.78	93.06	43
35	21.90	23.07	1.91	95.83	45
36	21.92	32.31	2.67	98.61	54

meadowlark sp.

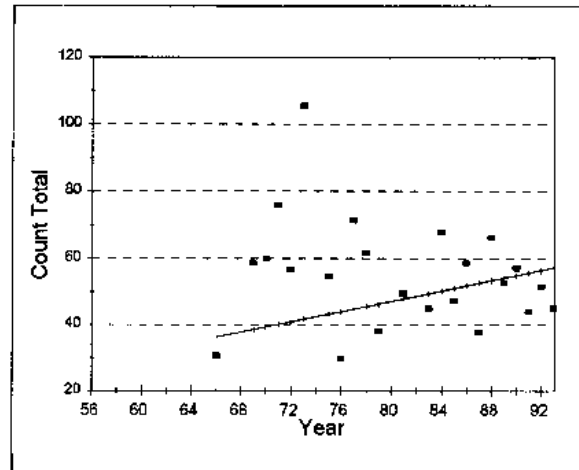
Data Corrected:
Count/(Party Hours)^B
where B = .53

CCW

Trend Slope as % of Avg = 1.70%

Regression Statistics

Multiple R	0.32
R Square	0.10
Adjusted R Square	0.07
Standard Error	20.99
Observations	31.00



Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	1483.28	1483.28	3.37	0.08
Residual	29.00	12773.43	440.46		
Total	30.00	14256.72			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-14.70	33.09	-0.44	0.66	-82.38	52.97
x1	0.77	0.42	1.84	0.08	-0.09	1.64

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	34.02	-27.35	-1.30	1.81	7
2	37.11	-28.18	-1.34	4.84	9
3	37.88	-24.18	-1.15	8.06	14
4	34.79	-15.60	-0.74	11.29	19
5	48.71	-26.00	-1.24	14.52	23
6	35.56	-11.50	-0.55	17.74	24
7	47.17	-21.19	-1.01	20.97	26
8	42.52	-16.37	-0.78	24.19	26
9	44.07	-14.23	-0.68	27.42	30
10	36.34	-5.67	-0.27	30.65	31
11	52.58	-14.64	-0.70	33.87	38
12	46.39	-8.27	-0.39	37.10	38
13	55.67	-11.47	-0.55	40.32	44
14	49.49	-4.37	-0.21	43.55	45
15	57.22	-11.91	-0.57	46.77	45
16	51.03	-3.64	-0.17	50.00	47
17	47.94	1.73	0.08	53.23	50
18	56.45	-4.84	-0.23	56.45	52
19	54.13	-1.55	-0.07	59.68	53
20	43.30	11.35	0.54	62.90	55
21	40.98	15.74	0.75	66.13	57
22	54.90	2.24	0.11	69.35	57
23	38.66	19.91	0.95	72.58	59
24	51.81	6.85	0.33	75.81	59
25	39.43	20.43	0.97	79.03	60
26	45.62	16.16	0.77	82.26	62
27	53.35	12.90	0.61	85.48	66
28	50.26	17.57	0.84	88.71	68
29	44.84	26.57	1.27	91.94	71
30	40.20	35.78	1.70	95.16	76
31	41.75	63.73	3.04	98.39	105