

MONTH: JUNE, 1979

WEIGHT IN KILOGRAMS
TEMPERATURE IN DEGREES CENTIGRADE
PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| TEMP C | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | |
|---------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT |
| SPECIES | | | | | | | | | | | | | | | | |
| AL | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| WS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| TOTALS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| PERCENT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

8002190755

MONTH: JUNE, 1979

WEIGHT IN KILOGRAMS
TEMPERATURE IN DEGREES CENTIGRADE
PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| | 25 | | 26 | | 27 | | 28 | | 29 | | 30 | | 31 | | | |
|---------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|----------|----------|
| TEMP C | NO SAMPLING | | NO SAMPLING | | NO SAMPLING | | NO SAMPLING | | NO SAMPLING | | NO SAMPLING | | NO SAMPLING | | TOT. NO. | TOT. WT. |
| SPECIES | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | | |
| AL | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 4 | 0.16 |
| WS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.88 |
| TOTALS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 5 | 1.03 |
| PERCENT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.00 | 100.00 |

MONTH: JUN 1979

WEIGHT IN KILOGRAMS
TEMPERATURE IN DEGREES CENTIGRADE
PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| SPECIES | DAILY AVG | STD DEV | DAILY AVG | STD DEV | PERCENT | TOTAL | PERCENT | TOTAL | ESTIMATED TOTALS FOR MONTH | |
|---------|-----------|---------|-----------|---------|---------|--------|---------|--------|----------------------------|--------|
| | NUMBER | NUMBER | WEIGHT | WEIGHT | NUMBER | NUMBER | WEIGHT | WEIGHT | NUMBER | WEIGHT |
| AL | 2.00 | 0.0 | 0.08 | 0.0 | 80.00 | 4 | 15.28 | 0.16 | 60 | 2.37 |
| WS | 0.50 | 0.0 | 0.44 | 0.0 | 20.00 | 1 | 84.72 | 0.88 | 15 | 13.14 |
| TOTAL | 2.50 | 0.0 | 0.52 | 0.0 | 100.00 | 5 | 100.00 | 1.03 | 75 | 15.51 |

THERE WERE 2 DAYS ON WHICH SAMPLES WERE TAKEN.
ESTIMATED TOTALS FOR THIS MONTH ARE BASED ON 30 DAYS OF IMPINGEMENT.

MONTH: JULY, 1979

WEIGHT IN KILOGRAMS
 TEMPERATURE IN DEGREES CENTIGRADE
 PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| TEMP C | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | |
|---------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------|----------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | 15.6 NUMBER | 15.6 WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT |
| SPECIES | | | | | | | | | | | | | | | | |
| SP | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 35 | 0.23 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| AL | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 842 | 25.70 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| SM | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 8 | 0.04 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| YP | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 7 | 0.38 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| TP | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 17 | 0.14 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| JD | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| WS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 1.90 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| CH | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| MS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| NS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| SS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 5 | 0.03 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| XC | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 17 | 0.18 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| BR | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.15 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| TOTALS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 933 | 28.74 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| PERCENT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.69 | 3.88 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

MONTH: JULY, 1979

WEIGHT IN KILOGRAMS
 TEMPERATURE IN DEGREES CENTIGRADE
 PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| | 9 | | 10 | | 11 | | 12 | | 13 | | 14 | | 15 | | 16 | |
|---------|--------|--------|-------------|--------|-------------|--------|-------------|--------|--------|--------|-------------|--------|-------------|--------|-------------|--------|
| TEMP C | 17.2 | | NO SAMPLING | | NO SAMPLING | | NO SAMPLING | | 20.7 | | NO SAMPLING | | NO SAMPLING | | NO SAMPLING | |
| SPECIES | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT |
| SP | 14 | 0.14 | C | C.0 | 0 | 0.0 | C | 0.0 | 17 | 0.14 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| AL | 980 | 32.38 | C | C.0 | 0 | 0.0 | 0 | 0.0 | 3614 | 79.44 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| SM | 1 | 0.00 | C | 0.0 | 0 | 0.0 | C | 0.0 | 3 | 0.01 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| YP | 1 | 0.10 | 0 | C.0 | 0 | 0.0 | C | 0.0 | 2 | 0.44 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| TP | 0 | 0.0 | C | 0.0 | 0 | 0.0 | C | 0.0 | 7 | 0.04 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| JD | 0 | 0.0 | C | C.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| WS | 1 | 0.85 | C | C.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LS | 1 | 1.00 | 0 | C.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| CH | 0 | 0.0 | C | C.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| HS | 1 | 0.02 | C | 0.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| NS | 0 | 0.0 | C | C.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| SS | 0 | 0.0 | C | 0.0 | 0 | 0.0 | C | 0.0 | 1 | 0.00 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| XC | 0 | 0.0 | C | C.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| BR | 0 | 0.0 | C | 0.0 | 0 | 0.0 | C | 0.0 | 1 | 0.02 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| TOTALS | 999 | 34.48 | C | C.0 | 0 | 0.0 | 0 | 0.0 | 3645 | 80.10 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| PERCENT | 2.88 | 4.65 | 0.0 | C.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10.52 | 10.81 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

PCNTH: JULY, 1979

WEIGHT IN KILOGRAMS
 TEMPERATURE IN DEGREES CENTIGRADE
 PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| | 17 | | 18 | | 19 | | 20 | | 21 | | 22 | | 23 | | 24 | |
|---------|--------|--------|-------------|--------|-------------|--------|-------------|--------|--------|--------|-------------|--------|-------------|--------|-------------|--------|
| TEMP C | 16.6 | | NO SAMPLING | | NO SAMPLING | | NO SAMPLING | | 22.0 | | NO SAMPLING | | NO SAMPLING | | NO SAMPLING | |
| SPECIES | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT |
| SP | 361 | 1.50 | C | C.0 | 0 | 0.0 | C | 0.0 | 59 | 0.90 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| AL | 9639 | 193.55 | C | C.0 | 0 | 0.0 | 0 | 0.0 | 5884 | 149.28 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| SM | 1310 | 3.85 | C | C.0 | 0 | 0.0 | 0 | 0.0 | 229 | 1.03 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| YP | 60 | 2.70 | C | C.0 | 0 | 0.0 | 0 | 0.0 | 35 | 4.95 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| TP | 838 | 3.67 | C | C.0 | 0 | 0.0 | 0 | 0.0 | 57 | 0.51 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| JD | 0 | 0.0 | C | C.0 | 0 | 0.0 | 0 | 0.0 | 2 | 0.01 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| WS | 0 | 0.0 | C | C.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LS | 1 | 0.68 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 1.30 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| CH | 0 | 0.0 | C | C.0 | 0 | 0.0 | C | 0.0 | 2 | 0.02 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| HS | 0 | 0.0 | C | C.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| NS | 1 | 0.00 | C | C.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| SS | 27 | 0.12 | C | C.0 | 0 | 0.0 | C | 0.0 | 8 | 0.04 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| XC | 591 | 4.68 | 0 | C.0 | 0 | 0.0 | 0 | 0.0 | 14 | 0.14 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| BR | 1 | 0.32 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 1.06 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| TOTALS | 12829 | 211.08 | C | C.0 | 0 | 0.0 | 0 | 0.0 | 6333 | 159.25 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| PERCENT | 37.02 | 28.48 | 0.0 | C.0 | C.0 | C.0 | 0.0 | 0.0 | 18.28 | 21.49 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

MONTH: JULY, 1979

WEIGHT IN KILOGRAMS
 TEMPERATURE IN DEGREES CENTIGRADE
 PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| TEMP C | 25 | | 26 | | 27 | | 28 | | 29 | | 30 | | 31 | | TOT. NO. | TOT. WT. |
|---------|--------|-------------|-------------|-------------|-------------|-------------|--------|-------------|-------------|-------------|-------------|-------------|-------------|--------|----------|----------|
| | 24.1 | NO SAMPLING | NO SAMPLING | NO SAMPLING | NO SAMPLING | NO SAMPLING | 20.0 | NO SAMPLING | NO SAMPLING | NO SAMPLING | NO SAMPLING | NO SAMPLING | NO SAMPLING | | | |
| SPECIES | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | | |
| SP | 371 | 2.48 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 111 | 0.58 | 0 | 0.0 | 0 | 0.0 | 1008 | 6.37 |
| AL | 5338 | 126.69 | C | 0.0 | 0 | 0.0 | C | 0.0 | 3737 | 88.67 | 0 | 0.0 | 0 | 0.0 | 30034 | 695.71 |
| SM | 187 | 1.13 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 29 | 0.14 | 0 | 0.0 | 0 | 0.0 | 1767 | 6.19 |
| YP | 27 | 2.59 | C | 0.0 | 0 | 0.0 | C | 0.0 | 29 | 3.70 | 0 | 0.0 | 0 | 0.0 | 161 | 14.86 |
| TP | 27 | 0.19 | C | 0.0 | 0 | 0.0 | C | 0.0 | 48 | 0.36 | 0 | 0.0 | 0 | 0.0 | 994 | 4.91 |
| JD | 0 | 0.0 | C | 0.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 0.0 |
| WS | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.0 |
| LS | 0 | 0.0 | C | 0.0 | 0 | 0.0 | C | 0.0 | 1 | 0.50 | 0 | 0.0 | 0 | 0.0 | 5 | 5.38 |
| CH | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 0.02 |
| MS | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 7 | 0.06 | 0 | 0.0 | 0 | 0.0 | 8 | 0.07 |
| NS | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.00 |
| SS | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.00 | 0 | 0.0 | 0 | 0.0 | 42 | 0.19 |
| XC | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.01 | 0 | 0.0 | 0 | 0.0 | 623 | 5.01 |
| BR | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 5 | 1.56 |
| TOTALS | 5950 | 133.07 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 3964 | 94.41 | 0 | 0.0 | 0 | 0.0 | 34653 | 741.14 |
| PERCENT | 17.17 | 17.96 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.44 | 12.74 | 0.0 | 0.0 | 0.0 | 0.0 | 100.00 | 100.00 |

MCNTH: JULY, 1979

WEIGHT IN KILOGRAMS
TEMPERATURE IN DEGREES CENTIGRACE
PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| SPECIES | DAILY AVG | STD DEV | DAILY AVG | STD DEV | PERCENT | TOTAL | PERCENT | TOTAL | ESTIMATED TOTALS FOR MONTH | |
|---------|-----------|---------|-----------|---------|---------|--------|---------|--------|----------------------------|---------|
| | NUMBER | NUMBER | WEIGHT | WEIGHT | NUMBER | NUMBER | WEIGHT | WEIGHT | NUMBER | WEIGHT |
| SP | 144.00 | 156.33 | C.91 | C.86 | 2.91 | 1008 | 0.86 | 6.37 | 4320 | 27.31 |
| AL | 4290.57 | 3051.19 | 99.39 | 61.28 | 86.67 | 30034 | 93.87 | 695.71 | 128717 | 2981.60 |
| SM | 252.43 | 475.81 | 0.88 | 1.39 | 5.10 | 1767 | 0.84 | 6.19 | 7572 | 26.55 |
| YP | 23.00 | 21.39 | 2.12 | 1.87 | 0.46 | 161 | 2.00 | 14.86 | 690 | 63.68 |
| TP | 142.00 | 307.60 | C.70 | 1.32 | 2.87 | 994 | 0.66 | 4.91 | 4260 | 21.03 |
| JD | 0.29 | 0.76 | 0.00 | 0.00 | 0.01 | 2 | 0.00 | 0.01 | 8 | 0.02 |
| WS | 0.14 | 0.38 | C.12 | 0.32 | 0.00 | 1 | 0.11 | 0.85 | 4 | 3.64 |
| LS | 0.71 | 0.49 | C.77 | 0.69 | 0.01 | 5 | 0.73 | 5.30 | 21 | 23.08 |
| CH | 0.29 | 0.76 | 0.00 | 0.01 | 0.01 | 2 | 0.00 | 0.02 | 8 | 0.10 |
| MS | 1.14 | 2.61 | C.01 | 0.02 | 0.02 | 8 | 0.01 | 0.07 | 34 | 0.32 |
| NS | 0.14 | 0.38 | C.00 | 0.00 | 0.00 | 1 | 0.00 | 0.00 | 4 | 0.01 |
| SS | 6.00 | 9.73 | C.03 | 0.04 | 0.12 | 42 | 0.03 | 0.19 | 180 | 0.83 |
| XC | 89.00 | 221.48 | C.72 | 1.75 | 1.80 | 623 | 0.68 | 5.01 | 2670 | 21.47 |
| BR | 0.71 | 0.76 | 0.22 | 0.39 | 0.01 | 5 | 0.21 | 1.56 | 21 | 6.67 |
| TOTAL | 4950.43 | 4070.49 | 105.88 | 66.46 | 100.00 | 34653 | 100.00 | 741.14 | 148512 | 3176.31 |

THERE WERE 7 DAYS ON WHICH SAMPLES WERE TAKEN.
ESTIMATED TOTALS FOR THIS MONTH ARE BASED ON 30 DAYS OF IMPINGEMENT.

MONTH: AUGUST, 1979

WEIGHT IN KILOGRAMS
 TEMPERATURE IN DEGREES CENTIGRADE
 PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| TEMP C | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | |
|---------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|
| | NO SAMPLING NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT |
| SPECIES | | | 22.6 | | | | | | | | 25.2 | | | | | |
| SP | 0 | 0.0 | 68 | 0.53 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 68 | 0.49 | 0 | 0.0 | 0 | 0.0 |
| AL | 0 | 0.0 | 1366 | 35.05 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 894 | 22.40 | 0 | 0.0 | 0 | 0.0 |
| SM | 0 | 0.0 | 110 | C.33 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 1 | 0.01 | 0 | 0.0 | 0 | 0.0 |
| YP | 0 | 0.0 | 24 | 2.05 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 12 | 1.00 | 0 | 0.0 | 0 | 0.0 |
| TP | 0 | 0.0 | 34 | C.31 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 17 | 0.11 | 0 | 0.0 | 0 | 0.0 |
| JD | 0 | 0.0 | 2 | C.00 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.00 | 0 | 0.0 | 0 | 0.0 |
| HS | 0 | 0.0 | 1 | C.56 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LS | 0 | 0.0 | 0 | C.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LT | 0 | 0.0 | C | 0.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| CH | 0 | 0.0 | 2 | C.03 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| CP | 0 | 0.0 | C | 0.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| MS | 0 | 0.0 | E | C.08 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 1 | 0.01 | 0 | 0.0 | 0 | 0.0 |
| SS | 0 | 0.0 | 2 | C.00 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 0.01 | 0 | 0.0 | 0 | 0.0 |
| GS | 0 | 0.0 | C | 0.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| XC | 0 | 0.0 | 2 | C.02 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| BR | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| TOTALS | 0 | 0.0 | 1615 | 39.00 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 996 | 24.04 | 0 | 0.0 | 0 | 0.0 |
| PERCENT | 0.0 | 0.0 | 27.55 | 30.60 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.95 | 18.86 | 0.0 | 0.0 | 0.0 | 0.0 |

MCNTH: AUGUST, 1979

WEIGHT IN KILOGRAMS
 TEMPERATURE IN DEGREES CENTIGRADE
 PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| | 9 | | 10 | | 11 | | 12 | | 13 | | 14 | | 15 | | 16 | |
|---------|-------------|--------|--------|--------|-------------|--------|-------------|--------|-------------|--------|--------|--------|-------------|--------|-------------|--------|
| TEMP C | NO SAMPLING | | 25.8 | | NO SAMPLING | | NO SAMPLING | | NO SAMPLING | | 21.6 | | NO SAMPLING | | NO SAMPLING | |
| SPECIES | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT |
| SP | 0 | 0.0 | 23 | 0.14 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 39 | 0.31 | 0 | 0.0 | 0 | 0.0 |
| AL | 0 | 0.0 | 160C | 27.17 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 175 | 3.26 | 0 | 0.0 | 0 | 0.0 |
| SM | 0 | 0.0 | C | C.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 49 | 0.42 | 0 | 0.0 | 0 | 0.0 |
| YP | 0 | 0.0 | 13 | 1.52 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 80 | 3.82 | 0 | 0.0 | 0 | 0.0 |
| TP | 0 | 0.0 | 21 | C.13 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 74 | 0.68 | 0 | 0.0 | 0 | 0.0 |
| JD | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| WS | 0 | 0.0 | C | C.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LT | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| CH | 0 | 0.0 | 0 | C.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.01 | 0 | 0.0 | 0 | 0.0 |
| CP | 0 | 0.0 | C | C.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| MS | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.00 | 0 | 0.0 | 0 | 0.0 |
| SS | 0 | 0.0 | 1 | C.00 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| GS | 0 | 0.0 | C | C.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.65 | 0 | 0.0 | 0 | 0.0 |
| XC | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.01 | 0 | 0.0 | 0 | 0.0 |
| BR | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| TOTALS | 0 | 0.0 | 1658 | 28.97 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 421 | 9.21 | 0 | 0.0 | 0 | 0.0 |
| PERCENT | 0.0 | 0.0 | 28.21 | 22.72 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.16 | 7.22 | 0.0 | 0.0 | 0.0 | 0.0 |

MCNTH: AUGUST, 1979

WEIGHT IN KILOGRAMS
 TEMPERATURE IN DEGREES CENTIGRADE
 PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| TEMP C | 17 | | 18 | | 19 | | 20 | | 21 | | 22 | | 23 | | 24 | |
|---------|-----------------------|--------|----------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|----------------|--------|-----------------------|--------|-----------------------|--------|
| | NO SAMPLING NUMBER | WEIGHT | 22.6 NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT | 21.3 NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT |
| SPECIES | | | | | | | | | | | | | | | | |
| SP | 0 | 0.0 | 251 | 1.66 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 157 | 1.15 | 0 | 0.0 | 0 | 0.0 |
| AL | 0 | 0.0 | 38 | 0.75 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 36 | 0.79 | 0 | 0.0 | 0 | 0.0 |
| SM | 0 | 0.0 | 149 | 1.05 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 199 | 1.63 | 0 | 0.0 | 0 | 0.0 |
| YP | 0 | 0.0 | 97 | 5.01 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 28 | 1.26 | 0 | 0.0 | 0 | 0.0 |
| TP | 0 | 0.0 | 57 | 0.52 | 0 | 0.0 | C | 0.0 | C | 0.0 | 30 | 0.32 | 0 | 0.0 | 0 | 0.0 |
| JD | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| HS | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.05 | 0 | 0.0 | 0 | 0.0 |
| LS | 0 | 0.0 | 1 | 0.83 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.20 | 0 | 0.0 | 0 | 0.0 |
| LT | 0 | 0.0 | 2 | 5.10 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 2.00 | 0 | 0.0 | 0 | 0.0 |
| CH | 0 | 0.0 | C | 0.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| CP | 0 | 0.0 | C | 0.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 1 | 0.01 | 0 | 0.0 | 0 | 0.0 |
| MS | 0 | 0.0 | 1 | 0.01 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 1 | 0.00 | 0 | 0.0 | 0 | 0.0 |
| SS | 0 | 0.0 | 1 | 0.02 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| GS | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| XC | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| BR | 0 | 0.0 | 1 | 0.03 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| TOTALS | 0 | 0.0 | 598 | 15.03 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 455 | 7.41 | 0 | 0.0 | 0 | 0.0 |
| PERCENT | 0.0 | 0.0 | 10.18 | 11.75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.74 | 5.81 | 0.0 | 0.0 | 0.0 | 0.0 |

MONTH: AUGUST, 1979

WEIGHT IN KILOGRAMS
 TEMPERATURE IN DEGREES CENTIGRADE
 PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| TEMP C | 25 | | 26 | | 27 | | 28 | | 29 | | 30 | | 31 | | TOT. NO. | TOT. WT. |
|---------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|----------------|--------|-----------------------|--------|----------|----------|
| | NO SAMPLING NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT | 23.4 NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT | | |
| SPECIES | | | | | | | | | | | | | | | | |
| SP | 0 | 0.0 | C | C.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 43 | 0.28 | 0 | 0.0 | 649 | 4.56 |
| AL | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 24 | 0.47 | 0 | 0.0 | 4133 | 89.94 |
| SM | 0 | 0.0 | C | C.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 22 | 0.22 | 0 | 0.0 | 530 | 3.66 |
| YP | 0 | 0.0 | C | C.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 18 | 1.51 | 0 | 0.0 | 272 | 16.21 |
| TP | 0 | 0.0 | C | 0.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 20 | 0.17 | 0 | 0.0 | 253 | 2.25 |
| JD | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 3 | 0.01 |
| WS | 0 | 0.0 | C | C.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 1 | 1.14 | 0 | 0.0 | 3 | 1.75 |
| LS | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 1.0 |
| IT | 0 | 0.0 | C | 0.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 3 | 7.1 |
| CH | 0 | 0.0 | 0 | C.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 3 | 0.04 |
| CP | 0 | 0.0 | C | C.0 | 0 | 0.0 | C | 0.0 | 0 | C.C | 0 | 0.0 | 0 | C.0 | 1 | 0.01 |
| MS | 0 | 0.0 | C | C.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 1 | 0.02 | 0 | 0.0 | 13 | 0.13 |
| SS | 0 | 0.0 | C | 0.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 1 | 0.01 | 0 | 0.0 | 7 | 0.04 |
| GS | 0 | 0.0 | C | C.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.69 |
| XC | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 3 | 0.03 |
| BR | 0 | 0.0 | C | 0.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.03 |
| TOTALS | 0 | 0.0 | C | C.0 | 0 | 0.0 | C | 0.0 | 0 | 0.0 | 130 | 3.82 | 0 | 0.0 | 5877 | 127.47 |
| PERCENT | 0.0 | 0.0 | 0.0 | C.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.21 | 2.99 | 0.0 | 0.0 | 100.00 | 100.00 |

MONTH: AUGUST, 1979

WEIGHT IN KILOGRAMS
 TEMPERATURE IN DEGREES CENTIGRADE
 PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| SPECIES | DAILY AVG NUMBER | STD DEV NUMBER | DAILY AVG WEIGHT | STD DEV WEIGHT | PERCENT NUMBER | TOTAL NUMBER | PERCENT WEIGHT | TOTAL WEIGHT | ESTIMATED TOTALS FOR MONTH NUMBER | ESTIMATED TOTALS FOR MONTH WEIGHT |
|---------|---------------------|-------------------|---------------------|-------------------|-------------------|-----------------|-------------------|-----------------|--------------------------------------|--------------------------------------|
| SP | 92.71 | 82.29 | C.65 | 0.55 | 11.04 | 649 | 3.57 | 4.56 | 2874 | 20.17 |
| AL | 590.43 | 685.43 | 12.85 | 14.86 | 70.32 | 4133 | 70.56 | 89.94 | 18303 | 398.29 |
| SM | 75.71 | 78.17 | 0.52 | C.60 | 9.02 | 530 | 2.88 | 3.66 | 2347 | 16.23 |
| YP | 38.86 | 34.73 | 2.32 | 1.51 | 4.63 | 272 | 12.72 | 16.21 | 1204 | 71.79 |
| TP | 36.14 | 21.47 | C.32 | C.21 | 4.30 | 253 | 1.76 | 2.25 | 1120 | 9.96 |
| JD | 0.43 | 0.79 | C.00 | 0.00 | 0.05 | 3 | 0.00 | 0.01 | 13 | 0.03 |
| WS | 0.43 | 0.53 | C.25 | 0.44 | 0.05 | 3 | 1.37 | 1.75 | 13 | 7.76 |
| LS | 0.29 | 0.49 | 0.15 | 0.31 | 0.03 | 2 | 0.81 | 1.03 | 8 | 4.55 |
| LT | 0.43 | 0.79 | 1.01 | 1.95 | 0.05 | 3 | 5.57 | 7.10 | 13 | 31.44 |
| CH | 0.43 | 0.79 | 0.01 | 0.01 | 0.05 | 3 | 0.03 | 0.04 | 13 | 0.18 |
| CP | 0.14 | 0.38 | C.00 | C.00 | 0.02 | 1 | 0.01 | 0.01 | 4 | 0.04 |
| MS | 1.86 | 2.73 | 0.02 | 0.03 | 0.22 | 13 | 0.10 | 0.13 | 57 | 0.56 |
| SS | 1.00 | 0.82 | 0.01 | 0.01 | 0.12 | 7 | 0.03 | 0.04 | 31 | 0.19 |
| GS | 0.14 | 0.38 | C.10 | 0.26 | 0.02 | 1 | 0.54 | 0.69 | 4 | 3.04 |
| XC | 0.43 | 0.79 | 0.00 | 0.01 | 0.05 | 3 | 0.02 | 0.03 | 13 | 0.12 |
| BR | 0.14 | 0.38 | 0.00 | 0.01 | 0.02 | 1 | 0.03 | 0.03 | 4 | 0.15 |
| TOTAL | 839.57 | 603.70 | 18.21 | 12.89 | 100.00 | 5877 | 100.00 | 127.47 | 26026 | 564.49 |

THERE WERE 7 DAYS ON WHICH SAMPLES WERE TAKEN.
 ESTIMATED TOTALS FOR THIS MONTH ARE BASED ON 31 DAYS OF IMPINGEMENT.

MONTH: SEPTEMBER, 1979

WEIGHT IN KILOGRAMS
 TEMPERATURE IN DEGREES CENTIGRADE
 PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | |
|---------|-------------|--------|-------------|--------|--------|--------|-------------|--------|-------------|--------|-------------|--------|--------|---------|-------------|--------|
| TEMP C | NO SAMPLING | | NO SAMPLING | | 24.4 | | NO SAMPLING | | NO SAMPLING | | NO SAMPLING | | 16.8 | | NO SAMPLING | |
| SPECIES | NUMBER | HEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT |
| SP | 0 | 0.0 | 0 | 0.0 | 50 | 0.32 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 6382 | 47.67 | 0 | 0.0 |
| AL | 0 | 0.0 | 0 | 0.0 | 12 | 0.22 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 84773 | 209.17 | 0 | 0.0 |
| SM | 0 | 0.0 | 0 | 0.0 | 18 | 0.15 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 8734 | 53.32 | 0 | 0.0 |
| YP | 0 | 0.0 | 0 | 0.0 | 9 | 0.52 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 16332 | 712.78 | 0 | 0.0 |
| TP | 0 | 0.0 | 0 | 0.0 | 26 | 0.15 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1658 | 11.09 | 0 | 0.0 |
| JD | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 4 | 0.01 | 0 | 0.0 |
| LS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 0.93 | 0 | 0.0 |
| LT | 0 | 0.0 | 0 | 0.0 | 1 | 2.59 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| CH | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.18 | 0 | 0.0 |
| MS | 0 | 0.0 | 0 | 0.0 | 2 | 0.01 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 3 | 0.01 | 0 | 0.0 |
| SS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| CC | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.14 | 0 | 0.0 |
| GS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| XC | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 16 | 0.23 | 0 | 0.0 |
| BR | 0 | 0.0 | 0 | 0.0 | 2 | 0.04 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 0.31 | 0 | 0.0 |
| FD | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.75 | 0 | 0.0 |
| HC | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.14 | 0 | 0.0 |
| TOTALS | 0 | 0.0 | 0 | 0.0 | 120 | 3.99 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 117910 | 1036.74 | 0 | 0.0 |
| PERCENT | 0.0 | 0.0 | 0.0 | 0.0 | 0.10 | 0.36 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 96.01 | 92.77 | 0.0 | 0.0 |



MONTH: SEPTEMBER, 1979

WEIGHT IN KILOGRAMS
 TEMPERATURE IN DEGREES CENTIGRADE
 PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| TEMP C | 9 | | 10 | | 11 | | 12 | | 13 | | 14 | | 15 | | 16 | |
|---------|-----------------------|-----------------------|-----------------------|-----------------------|----------------|----------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------|----------------|-----------------------|-----------------------|
| | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | 21.5 NUMBER | 21.5 WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | 19.9 NUMBER | 19.9 WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT |
| SPECIES | | | | | | | | | | | | | | | | |
| SP | 0 | 0.0 | 0 | 0.0 | 36 | 0.31 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 34 | 0.31 | 0 | 0.0 |
| AL | 0 | 0.0 | 0 | 0.0 | 456 | 1.41 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 179 | 0.49 | 0 | 0.0 |
| SM | 0 | 0.0 | 0 | 0.0 | 35 | 0.40 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 11 | 0.22 | 0 | 0.0 |
| YP | 0 | 0.0 | 0 | 0.0 | 22 | 1.72 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 23 | 1.44 | 0 | 0.0 |
| TP | 0 | 0.0 | 0 | 0.0 | 6 | 0.07 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 6 | 0.06 | 0 | 0.0 |
| JD | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LS | 0 | 0.0 | 0 | 0.0 | 1 | 0.80 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LT | 0 | 0.0 | 0 | 0.0 | 1 | 3.05 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 3.25 | 0 | 0.0 |
| CH | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| MS | 0 | 0.0 | 0 | 0.0 | 1 | 0.01 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 0.02 | 0 | 0.0 |
| SS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| CC | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 2.25 | 0 | 0.0 |
| GS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| XC | 0 | 0.0 | 0 | 0.0 | 8 | 0.02 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| BR | 0 | 0.0 | 0 | 0.0 | 2 | 0.09 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| FD | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| WC | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| TOTALS | 0 | 0.0 | 0 | 0.0 | 568 | 7.87 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 257 | 8.04 | 0 | 0.0 |
| PERCENT | 0.0 | 0.0 | 0.0 | 0.0 | 0.46 | 0.70 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.21 | 0.72 | 0.0 | 0.0 |



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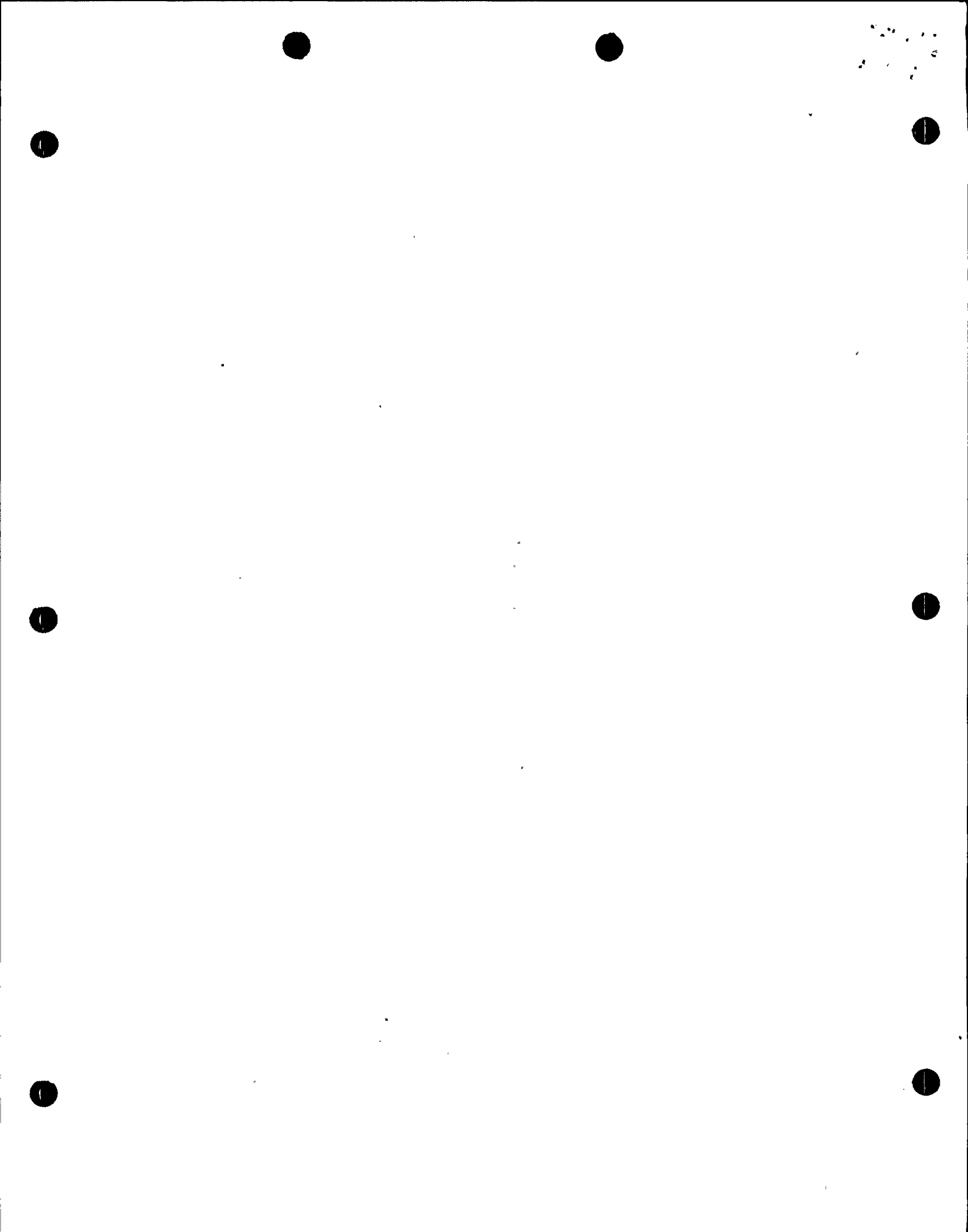


MONTH: SEPTEMBER, 1979

WEIGHT IN KILOGRAMS
 TEMPERATURE IN DEGREES CENTIGRADE
 PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| TEMP C | 17 | | 18 | | 19 | | 20 | | 21 | | 22 | | 23 | | 24 | |
|---------|-----------------------|-----------------------|-----------------------|-----------------------|----------------|----------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------|----------------|-----------------------|-----------------------|
| | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | 20.6 NUMBER | 20.6 WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | 13.4 NUMBER | 13.4 WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT |
| SPECIES | | | | | | | | | | | | | | | | |
| SP | 0 | 0.0 | 0 | 0.0 | 188 | 1.46 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 952 | 10.13 | 0 | 0.0 |
| AL | 0 | 0.0 | 0 | 0.0 | 384 | 1.13 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1120 | 7.51 | 0 | 0.0 |
| SM | 0 | 0.0 | 0 | 0.0 | 68 | 1.25 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 225 | 2.76 | 0 | 0.0 |
| YP | 0 | 0.0 | 0 | 0.0 | 57 | 2.99 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 368 | 7.07 | 0 | 0.0 |
| TP | 0 | 0.0 | 0 | 0.0 | 52 | 0.46 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 178 | 2.01 | 0 | 0.0 |
| JD | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LS | 0 | 0.0 | 0 | 0.0 | 1 | 2.00 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LT | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 3 | 10.60 | 0 | 0.0 |
| CH | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.05 | 0 | 0.0 |
| MS | 0 | 0.0 | 0 | 0.0 | 2 | 0.01 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.01 | 0 | 0.0 |
| SS | 0 | 0.0 | 0 | 0.0 | 2 | 0.01 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 7 | 0.04 | 0 | 0.0 |
| CC | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.00 | 0 | 0.0 |
| GS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 1.10 | 0 | 0.0 |
| XC | 0 | 0.0 | 0 | 0.0 | 2 | 0.00 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 7 | 0.02 | 0 | 0.0 |
| BR | 0 | 0.0 | 0 | 0.0 | 1 | 0.05 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| FD | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| WC | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| TOTALS | 0 | 0.0 | 0 | 0.0 | 757 | 9.37 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2864 | 41.30 | 0 | 0.0 |
| PERCENT | 0.0 | 0.0 | 0.0 | 0.0 | 0.62 | 0.84 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.33 | 3.70 | 0.0 | 0.0 |

WEIGHT IN KILOGRAMS
 TEMPERATURE IN DEGREES CENTIGRADE
 PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH



MONTH: SEPTEMBER, 1979

WEIGHT IN KILOGRAMS
 TEMPERATURE IN DEGREES CENTIGRACE
 PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| SPECIES | 25 | | 26 | | 27 | | 28 | | 29 | | 30 | | 31 | | TOT. NC. | TOT. WT. |
|---------|--------------|--------|--------------|--------|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|----------|
| | NO. SAMPLING | WEIGHT | NO. SAMPLING | WEIGHT | 19.9 | NO. SAMPLING | NO. SAMPLING | NO. SAMPLING | NO. SAMPLING | NO. SAMPLING | NO. SAMPLING | NO. SAMPLING | NO. SAMPLING | NO. SAMPLING | | |
| SP | 0 | 0.0 | 0 | 0.0 | 240 | 2.53 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 7882 | 62.73 |
| AL | 0 | 0.0 | 0 | 0.0 | 40 | 0.48 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 86964 | 220.41 |
| SM | 0 | 0.0 | 0 | 0.0 | 17 | 0.40 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 9108 | 58.50 |
| YP | 0 | 0.0 | 0 | 0.0 | 17 | 1.18 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 16828 | 727.70 |
| TP | 0 | 0.0 | 0 | 0.0 | 12 | 0.14 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1938 | 13.97 |
| JD | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 4 | 0.01 |
| LS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 4 | 3.73 |
| LT | 0 | 0.0 | 0 | 0.0 | 2 | 5.40 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 8 | 24.89 |
| CH | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 0.23 |
| MS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 11 | 0.07 |
| SS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 9 | 0.06 |
| CC | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 3 | 2.40 |
| GS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 1.10 |
| XC | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 33 | 0.27 |
| BR | 0 | 0.0 | 0 | 0.0 | 1 | 0.13 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 8 | 0.62 |
| FD | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.75 |
| WC | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.14 |
| TOTALS | 0 | 0.0 | 0 | 0.0 | 329 | 10.26 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 122805 | 1117.57 |
| PERCENT | 0.0 | 0.0 | 0.0 | 0.0 | 0.27 | 0.92 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.00 | 100.00 |

100



MONTH: SEPTEMBER, 1979

WEIGHT IN KILOGRAMS
 TEMPERATURE IN DEGREES CENTIGRADE
 PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| SPECIES | DAILY AVG | | DAILY AVG | | PERCENT | TOTAL | PERCENT | TOTAL | ESTIMATED TOTALS FOR MONTH | |
|---------|-----------|---------|-----------|---------|---------|--------|---------|---------|----------------------------|---------|
| | NUMBER | STD DEV | WEIGHT | STD DEV | | | | | NUMBER | NUMBER |
| SP | 1126.00 | 2340.19 | 8.96 | 17.43 | 6.42 | 7882 | 5.61 | 62.73 | 33780 | 268.83 |
| AL | 12423.43 | 0.0 | 31.49 | 78.39 | 70.81 | 86964 | 19.72 | 220.41 | 372702 | 944.61 |
| SM | 1301.14 | 3278.44 | 8.36 | 19.85 | 7.42 | 9188 | 5.23 | 58.50 | 39034 | 250.70 |
| YP | 2404.00 | 6143.02 | 103.96 | 268.48 | 13.70 | 16828 | 65.11 | 727.70 | 72120 | 3118.71 |
| TP | 276.86 | 612.06 | 2.00 | 4.07 | 1.58 | 1938 | 1.25 | 13.97 | 8305 | 59.88 |
| JD | 0.57 | 1.51 | 0.00 | 0.00 | 0.00 | 4 | 0.00 | 0.01 | 17 | 0.04 |
| LS | 0.57 | 0.79 | 0.53 | 0.77 | 0.00 | 4 | 0.33 | 3.73 | 17 | 16.00 |
| LT | 1.14 | 1.07 | 3.56 | 3.64 | 0.01 | 8 | 2.23 | 24.89 | 34 | 106.69 |
| CH | 0.29 | 0.49 | 0.03 | 0.07 | 0.00 | 2 | 0.02 | 0.23 | 8 | 0.97 |
| MS | 1.57 | 0.98 | 0.01 | 0.01 | 0.01 | 11 | 0.01 | 0.07 | 47 | 0.30 |
| SS | 1.29 | 2.63 | 0.01 | 0.02 | 0.01 | 9 | 0.01 | 0.06 | 38 | 0.25 |
| CC | 0.43 | 0.53 | 0.34 | 0.84 | 0.00 | 3 | 0.21 | 2.40 | 12 | 10.27 |
| GS | 0.14 | 0.38 | 0.16 | 0.42 | 0.00 | 1 | 0.10 | 1.10 | 4 | 4.71 |
| XC | 4.71 | 6.02 | 0.04 | 0.09 | 0.03 | 33 | 0.02 | 0.27 | 141 | 1.18 |
| BR | 1.14 | 0.90 | 0.09 | 0.11 | 0.01 | 8 | 0.06 | 0.62 | 34 | 2.65 |
| FD | 0.14 | 0.38 | 0.11 | 0.28 | 0.00 | 1 | 0.07 | 0.75 | 4 | 3.20 |
| HC | 0.14 | 0.38 | 0.02 | 0.05 | 0.00 | 1 | 0.01 | 0.14 | 4 | 0.62 |
| TOTAL | 17543.57 | 0.0 | 155.65 | 386.96 | 100.00 | 122805 | 100.00 | 1117.57 | 526307 | 4789.60 |

THERE WERE 7 DAYS ON WHICH SAMPLES WERE TAKEN.
 ESTIMATED TOTALS FOR THIS MONTH ARE BASED ON 30 DAYS OF IMPINGEMENT.

MONTH: OCTOBER, 1979

WEIGHT IN KILCGRAMS
 TEMPERATURE IN DEGREES CENTIGRADE
 PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | |
|---------|--------|--------|-------------|--------|-------------|--------|-------------|--------|--------|--------|-------------|--------|-------------|--------|-------------|--------|
| TEMP C | 19.3 | | NO SAMPLING | | NO SAMPLING | | NO SAMPLING | | 19.1 | | NO SAMPLING | | NO SAMPLING | | NO SAMPLING | |
| SPECIES | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT |
| SP | 250 | 2.00 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 113 | 1.06 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| AL | 77 | 0.40 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 15 | 0.24 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| SM | 11 | 0.13 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 0.06 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| YP | 21 | 0.70 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 15 | 1.59 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| TP | 24 | 0.24 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 5 | 0.06 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| WS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| IS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LT | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| MS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| SS | 1 | 0.01 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.01 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| GS | 2 | 2.85 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| XC | 3 | 0.08 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| EB | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LB | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| MA | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| TOTALS | 389 | 6.41 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 151 | 3.03 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| PERCENT | 21.80 | 9.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 8.46 | 4.38 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

MONTH: OCTOBER, 1979

WEIGHT IN KILOGRAMS
 TEMPERATURE IN DEGREES CENTIGRADE
 PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| TEMP C | 9 | | 10 | | 11 | | 12 | | 13 | | 14 | | 15 | | 16 | |
|---------|----------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|----------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|
| | 16.9 NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT | 14.5 NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT | NO SAMPLING NUMBER | WEIGHT |
| SPECIES | | | | | | | | | | | | | | | | |
| SP | 220 | 2.21 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 214 | 2.05 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| AI | 42 | 0.44 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 153 | 2.77 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| SE | 21 | 0.51 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 26 | 0.52 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| YP | 13 | 1.16 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 27 | 2.52 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| TP | 80 | 0.98 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 153 | 2.02 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| WS | 1 | 0.02 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.01 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 3.25 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LT | 1 | 3.40 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 6.65 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| MS | 1 | 0.01 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 0.01 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| SS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 0.01 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| GS | 4 | 0.91 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 7 | 1.59 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| YC | 1 | 0.00 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| ER | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 0.11 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LE | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| HA | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 2.40 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| TOTALS | 384 | 9.63 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 592 | 23.91 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| PERCENT | 21.52 | 13.91 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 33.18 | 34.51 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

MONTH: OCTOBER, 1979

WEIGHT IN KILOGRAMS
 TEMPERATURE IN DEGREES CENTIGRADE
 PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| TEMP C | 17 | | 18 | | 19 | | 20 | | 21 | | 22 | | 23 | | 24 | |
|---------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------|----------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | 15.4 NUMBER | 15.4 WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT | NO SAMPLING NUMBER | NO SAMPLING WEIGHT |
| SPECIES | | | | | | | | | | | | | | | | |
| SP | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| AL | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.04 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| SH | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.03 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| YF | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 17 | 0.28 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| TP | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 4 | 0.06 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| RS | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LT | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 3 | 9.55 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| MS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.01 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| SS | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| GS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| XC | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| BR | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.16 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| LE | C | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| MA | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| TOTALS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 28 | 10.13 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| PERCENT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.57 | 14.62 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

MONTH: OCTOBER, 1979

WEIGHT IN KILOGRAMS
 TEMPERATURE IN DEGREES CENTIGRADE
 PERCENTAGES ARE OF TOTAL SAMPLED THIS MONTH

| | 25 | | 26 | | 27 | | 28 | | 29 | | 30 | | 31 | | | |
|---------|--------|--------|-------------|--------|-------------|--------|-------------|--------|--------|--------|-------------|--------|-------------|--------|----------|----------|
| TEMP C | 13.6 | | NO SAMPLING | | NO SAMPLING | | NO SAMPLING | | 13.6 | | NO SAMPLING | | NO SAMPLING | | TOT. NO. | TOT. WT. |
| SPECIES | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | NUMBER | WEIGHT | | |
| SE | 115 | 1.15 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.01 | 0 | 0.0 | 0 | 0.0 | 913 | 8.48 |
| AL | 11 | 0.20 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.04 | 0 | 0.0 | 0 | 0.0 | 300 | 4.13 |
| SM | 1 | 0.02 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 62 | 1.27 |
| YP | 43 | 0.96 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 136 | 7.22 |
| TP | 56 | 0.84 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 0.04 | 0 | 0.0 | 0 | 0.0 | 324 | 4.24 |
| RS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 0.03 |
| IS | 1 | 1.17 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 3 | 4.42 |
| IT | 3 | 8.90 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 2.75 | 0 | 0.0 | 0 | 0.0 | 10 | 31.25 |
| MS | 1 | 0.01 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 5 | 0.05 |
| SS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 4 | 0.03 |
| GS | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 13 | 5.35 |
| XC | 2 | 0.01 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 6 | 0.09 |
| BR | 1 | 0.03 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 4 | 0.31 |
| LP | 1 | 0.01 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 0.01 |
| MA | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 2.40 |
| TOTALS | 235 | 13.31 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 5 | 2.85 | 0 | 0.0 | 0 | 0.0 | 1784 | 69.28 |
| PERCENT | 13.17 | 19.22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.28 | 4.11 | 0.0 | 0.0 | 0.0 | 0.0 | 100.00 | 100.00 |

INDIANA AND MICHIGAN ELECTRIC CO.

ENV/2

Docket No. 50-315
50-316

September 22, 1980

DISTRIBUTION
Docket Files 50-315
50-316

SEE ATTACHED LSST

ORB1 Reading

Subject: INDIANA AND MICHIGAN ELECTRIC CO.
D. C. Cook Units 1 and 2

CSParrish
SMiner

The following documents concerning our review of the subject facility are transmitted for your information:

- Notice of Receipt of Application.
- Draft/Final Environmental Statement, dated _____.
- Safety Evaluation, or Supplement No. _____, dated _____.
- Notice of Hearing on Application for Construction Permit.
- Notice of Consideration of Issuance of Facility Operating License.
- Application and Safety Analysis Report, Vol. _____.
- Amendment No. _____ to Application/SAR, dated _____.
- Construction Permit No. CPPR- _____, dated _____.
- Facility Operating License No. DPR- _____, dated _____.
- Amendment No. _____ to CPPR- _____ or DRR- _____, dated _____.
- Other: Summaries of impinged fish for April and May 1980. Also info. to aid in evaluation of ecological significance of event. (8009190422).

Division of Licensing
Office of Nuclear Reactor Regulation

Enclosures:
As stated

cc:

| | | | | | |
|-----------|--------------------|--|--|--|--|
| OFFICE ▶ | DL: ORB1 <i>ep</i> | | | | |
| SURNAME ▶ | CSParrish, cf | | | | |
| DATE ▶ | 9/2/80 | | | | |

1941

1941

Dear Sir,

I have the pleasure to acknowledge the receipt of your letter of the 15th inst.

in relation to the above mentioned matter.

The same has been referred to the appropriate authorities for their consideration.

I am, Sir, very respectfully,
Yours faithfully,

[Signature]

[Name]

[Address]

[City]

[State]

[Country]

[Phone Number]

[Fax Number]

[E-mail Address]

[Website]

[Page Number]

cc: Chief
Division of Ecological Services
Bureau of Sport Fisheries & Wildlife
U. S. Department of the Interior
Washington, D. C. 20240

Director
National Oceanographic Data Center
Environmental Data Service
National Oceanic & Atmospheric Administration
U. S. Department of Commerce
Washington, D. C. 20235

Dr. James T. Tanner
National Bureau of Standards
Reactor Building 235
Washington, D. C. 20234

Director
Technical Assessment Division
Office of Radiation Programs (AW-459)
U. S. Environmental Protection Agency
Crystal Mall #2
Arlington, Virginia 20460

U. S. Environmental Protection Agency
Region II Office
ATTN: EIS COORINDATOR
26 Federal Plaza
New York, New York 10007

Dr. Philip F. Gustafson
Argonne National Laboratory
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Argonne, Illinois 60439