

NOAA Technical Memorandum **ERL** GLERL-56

GREAT LAKES REGIONAL FALLOUT SOURCE FUNCTIONS

J. A. Robbins

Great Lakes Environmental Research Laboratory
Ann Arbor, Michigan
February 1985



**UNITED STATES
DEPARTMENT OF COMMERCE**

**Malcolm Baldrige,
Secretary**

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

Environmental Research
Laboratories

Vernon **E. Derr**,
Director

NOTICE

Mention of a commercial company or product does not constitute an endorsement by **NOAA/ERL**. Use for publicity or advertising purposes, of Information from this publication concerning proprietary products or the tests of such products, is not authorized.

CONTENTS

	PAGE
ABSTRACT	1
1. INTRODUCTION	1
2. METHODS	2
2.1 Computation of Collector-Based Rates of ^{90}Sr Deposition	2
2.2 Correction for Inaccuracies in Collector-Based Deposition Measurements	4
3. DATA	4
3.1 ^{90}Sr Deposition Rates	5
3.2 ^{137}Cs Deposition Rates	5
3.3 $^{239+240}\text{Pu}$ Deposition Rates	5
3.4 SRDL and SRDB: Listing Format	6
4. REFERENCES	6

FIGURE

	PAGE
Figure 1. Monthly fallout of ^{90}Sr at Argonne National Laboratory as determined from onsite collectors.	3

TABLES

Table 1. Listing of SRDL .	7
Table 2. Listing of SRDB.	15

GREAT LAKES REGIONAL FALLOUT SOURCE FUNCTIONS¹

J.A. Robbins

Atmospheric concentrations and rates of **deposition** of long-lived fallout **radionuclides** (^{90}Sr , ^{137}Cs , and $^{239+240}\text{Pu}$) have been measured extensively and routinely over the past 30 years at numerous sites in the Great Lakes Region. The data set provides the most accurate and complete record of any contaminant entering the lakes and, when combined with carefully measured lake **responses**, adds greatly to our understanding of how the system recovers. In **this** report all known regional fallout data through the **1980's** are combined to give the most accurate estimate of the rates of deposition of the three nuclides over the drainage basin and open lake. A previously validated model (**PWW**) used to relate atmospheric deposition rates given mean monthly atmospheric concentrations and monthly precipitation is calibrated using mean monthly atmospheric concentration and fallout collector data from Argonne National Laboratory. The model is then used to infer lake and basin deposition based on mean regional atmospheric concentrations and mean precipitation extrapolated from a network of more than 2,000 precipitation sampling sites. Results are given in terms of monthly deposition rates for each lake and its drainage basin for the three nuclides. Correction is made for increased plutonium production relative to the other two nuclides prior to 1960. Comparison between collector-based deposition rates (supplied in an accompanying table) and **actual** integrated deposition on undisturbed soils shows that table values must be increased by about 20% to reproduce actual loadings.

1. INTRODUCTION

As part of its program on the cycling and removal of contaminants in the Great Lakes, the Great Lakes Environmental Research Laboratory **is using** fallout **radionuclide** data to develop and calibrate long-term fate models. Fallout data are of great value because records of atmospheric concentrations and deposition rates are available for a number of sites in the Great Lakes Region; some of these sites have nearly continuous mean monthly records spanning three decades. Previous applications of fallout measurements have made use of regional deposition data only in an unsystematic way without coherent use of information from all sites, without use of state-of-the-art information on precipitation within the drainage basin, and without correction for differences between collector-based deposition rates and actual rates of accumulation on soils within the drainage basin. The listing included with this documentation provides mean monthly fallout data that take such factors into account in a coherent way.

¹GLERL Contribution No. 447.

2. METHODS

2.1 Computation of Collector-Based Rates of ^{90}Sr Deposition

The most complete record of ^{90}Sr (strontium-90) deposition in the Great Lakes Region is based on collector data from Argonne National Laboratory. The entire record is shown in figure 1 as the solid curve. It can be seen that this record (published by the Health and Safety Laboratory [HASL], 1977) is itself not entirely continuous. Gaps in this record may be filled in by using the mean monthly atmospheric concentration data for another fallout radionuclide, ^{137}Cs (cesium-137), which has been measured continuously since 1953. These two radionuclides have comparable half-lives (about 30 years), are produced by comparable processes in nuclear blasts, and are subject to comparable atmospheric transport and removal processes. As a result, the ratio of ^{137}Cs to ^{90}Sr varies little in both air and fallout (air: 1.64 ± 0.06 for $N = 298$; fallout: 1.67 ± 0.07 for $N = 139$). Thus, if the atmospheric concentration of either isotope is known, the rate of deposition in a collector can be inferred provided a relation can be established between the mean monthly atmospheric concentration and mean monthly collector deposition.

Experiments conducted by Pelletier, Whipple, and Wedlick (1965) during years with maximal fallout showed that the deposition rate could be related to atmospheric concentrations by the semiempirical relation (PWW model):

$$D = \alpha C(\beta - e^{-\gamma P}), \quad (1)$$

where D is the deposition rate in **milliCuries** per square kilometer per month, C is the mean monthly atmospheric concentration in **picoCuries** per 1,000 cubic meters, and P is the monthly precipitation in centimeters. Application of this model, using precipitation and ^{137}Cs concentration data for Argonne National Laboratory, yields values of $\alpha = 0.178$, $\beta = 1.00$, and $\gamma = 0.02$ for $N = 212$ ($r = 0.73$), where D is the deposition rate of ^{90}Sr and C is the concentration of ^{137}Cs . The predicted rate of ^{90}Sr deposition is shown as the shaded portion of figure 1. Of special significance is a value of $\beta = 1.00$. This means that, when $P = 0$, there is no fallout according to the PWW model. That is, dry fallout is unimportant in collector-based deposition rates. Collectors are known to underestimate dry fallout contributions, so realistic deposition rates must be corrected for this effect. This is done below by comparing collector-based values with accumulation on soils.

The PWW model may be used (1) to combine information on deposition rates from sites scattered around the Great Lakes Region with differing mean monthly precipitation and (2) to obtain mean collector-based deposition rates over the lakes and drainage basin. If P_i is the precipitation for a given month at site i and P_L is the corresponding value for a given lake, then the deposition expected in that month is

$$D_i = \alpha C_i(\beta - e^{-\gamma P_i}) \quad (2)$$

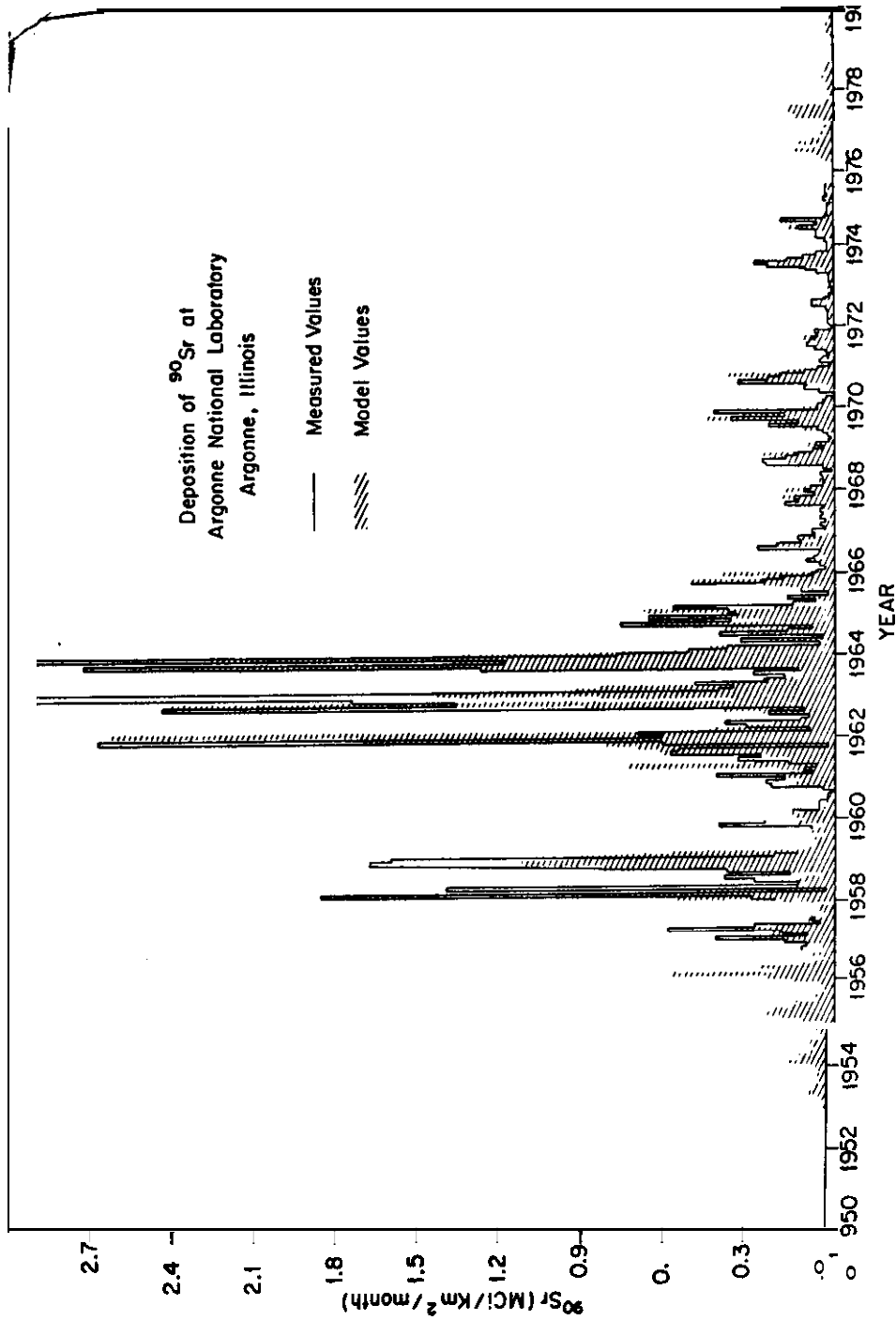


Figure 1.---Monthly fallout of ^{90}Sr at Argonne National Laboratory as determined from onsite collectors (HASL, 1977). An incomplete record (solid line) is supplemented by use of the PWV model relating deposition to atmospheric concentrations and the amount of precipitation. Model results (shaded area) are based on an uninterrupted record of air concentrations of ^{137}Cs . Ratios of ^{137}Cs to ^{90}Sr are essentially invariant and average 1.66 ± 0.06 over a 20-year period.

and

$$D_L = \alpha C_L (\beta - e^{-\gamma P_L}). \quad (3)$$

Since the atmospheric concentration may be expected to be the same over the lake as over the drainage basin ($C_i = C_L$), the two equations may be combined to give

$$D_L = D_i (\beta - e^{-\gamma P_i}) / (\beta - e^{-\gamma P_L}). \quad (4)$$

When there are N sites providing deposition data for a given month, the deposition is taken as the mean of values calculated by Eq. 4.

$$D(\text{SRDL}) = \frac{1}{N} \sum_{i=1}^N D_i (1 - e^{-0.2 P_L}) / (1 - e^{-0.2 P_i}), \quad (5)$$

where values of β and γ have been substituted in the equation. A similar equation applies to deposition over the drainage basin.

Values for monthly precipitation at the 10 sites contributing fallout information are obtained from published meteorological records. Estimates of monthly precipitation over each lake and drainage basin are based on the Thiessen approach and use a grid-square technique and data from 2,421 meteorological stations in the region (Quinn and Norton, 1982).

In the appendix to this report are two separate listings giving monthly collector-based deposition rates of ^{90}Sr . One is for **overlake** deposition (**SRDL**), and the other for deposition on the associated drainage basin (**SRDB**).

2.2 Correction for Inaccuracies in Collector-Based Deposition Measurements

A correction for contributions to the total deposition rate from dry fallout missed by the collection method is made from comparisons of integrated deposition rates with actual soil accumulation. Comparison of values for ^{90}Sr (20 soil cores), ^{137}Cs (4 soil cores), and $^{239+240}\text{Pu}$ (**plutonium-239+240**) (1 soil core) shows: (1) actual deposition is higher by the same proportion for each fallout **radionuclide** and (2) the mean ratio of observed to calculated deposition is 1.26 ± 0.11 . This ratio is substantiated by comparison of the total amount of ^{90}Sr in Lake Michigan with atmospheric loadings using the PWW model. Because most of the ^{90}Sr is still in the water (about 90%), small corrections for losses via outflow and transfer to sediments, as well as small inputs from tributaries, can be adequately estimated. The ratio of corrected lake storage to the model atmospheric loading is 1.2.

3. DATA

3.1 ^{90}Sr Deposition Rates

The corrected rate of deposition over the lake and drainage basin is **thus**

$$D_L(^{90}\text{Sr}) = 1.26 D(\text{SRDL})$$

and

$$D_B(^{90}\text{Sr}) = 1.26 D(\text{SRDB}),$$

where D_L and D_B are in **milliCuries** per square kilometer per month.

3.2 ^{137}Cs Deposition Rates

$$\begin{aligned} D_L(^{137}\text{Cs}) &= 1.26 \times 1.655 \times D(\text{SRDL}) \\ &= 2.09 D(\text{SRDL}) \text{ and} \end{aligned}$$

$$D_B(^{137}\text{Cs}) = 2.09 D(\text{SRDB}),$$

where the factor 1.655 is the mean ratio of ^{137}Cs to ^{90}Sr in air and fallout.

3.3 $^{239+240}\text{Pu}$ Deposition Rates

The **radionuclide** $^{239+240}\text{Pu}$ is mobilized into the air from nuclear detonations by processes different from those producing ^{90}Sr and ^{137}Cs . Its ratio to these radionuclides may vary over time, depending on details of bomb construction. Several independent lines of evidence have shown that **premoratorium** (before 1960) levels of plutonium in the air were higher relative to ^{90}Sr and ^{137}Cs than after 1960. Analysis of Arctic and Antarctic ice core records of these fallout radionuclides, as well as cores from the Great Lakes, show that for $T \leq 1960$, $^{239+240}\text{Pu}/^{137}\text{Cs}$ was 0.017, while for $t > 1960$, $^{239+240}\text{Pu}/^{137}\text{Cs}$ was 0.012. Thus, for plutonium

$$\begin{aligned} D_L(^{239+240}\text{Pu}) &= 0.017 \times 1.655 D(\text{SRDL}) && \text{for } t \leq 1960 \\ &= 0.0281 D(\text{SRDL}) \\ &= 0.012 \times 1.655 D(\text{SRDL}) \\ &= 0.0199 D(\text{SRDL}) && \text{for } t > 1960. \end{aligned}$$

Similarly for the drainage basin,

$$\begin{aligned} D_B(^{239+240}\text{Pu}) &= 0.0281 D(\text{SRDB}) && \text{for } t \leq 1960 \\ &= 0.0199 D(\text{SRDB}) && \text{for } t > 1960. \end{aligned}$$

3.4 SRDL and SRDB: Listing Format

Entries in table 1 (SRDL) and table 2 (SRDB) are in the format 14,2x, **12,6F10.4**. The first column is the year, and the second column **is** the month index (1-12). The subsequent six columns are collector-based deposition rates of **⁹⁰Sr** (in **milliCuries** per kilometer per month) for **six** lakes: Lake **Superior**, Lake Michigan, Lake Huron, Lake St. **Clair**, Lake Erie, and Lake Ontario, in that order. Data are provided for the period from 1951 through 1980. For convenience, the listing begins on **1/1950**; although no data exists, values may safely be assumed to be negligible before **1/1951**. Values beyond **12/1980** are not yet included **in** the listing, but periodic updates (roughly every 5 years) are planned. Because current levels remain low, computations can generally be made with adequate accuracy by assuming that monthly deposition values beyond 1980 are comparable to those given for 1980.

Hard copy of these files in the form of magnetic tape can be obtained from GLERL upon request.

4. REFERENCES

Health and Safety Laboratory, 1977. Final tabulation of monthly ⁹⁰Sr fallout data 1954-76. Health and Safety Laboratory Rep. No. **HASL-329**, Energy Research and Development Administration, New York, NY, 410 pp.

Pelletier, C.A., G.H. Whipple, and H.L. **Wedlick**, 1965. Use of surface air concentration and rainfall measurements to predict deposition of fallout radionuclides. Radioactive Fallout From Nuclear Weapons Tests, Proceedings of the Second Conference, Germantown, MD, November 3-6, 1964. A.W. **Klement**, Jr. (Ed.), **U.S.A.E.C.** Division of Technical Information, 723-736.

Quinn, F.H., and D.C. Norton, 1982. Great Lakes precipitation by months, **1900-80**. NOAA Data Rep. ERL GLERL-20, National Technical Information Service, Springfield, VA 22161, 24 **pp**.

Table 1.--Listing of SRDL

1950	1	0.0	0.0	0.0	0.0	0.0	0.0
1950	2	0.0	0.0	0.0	0.0	0.0	0.0
1950	3	0.0	0.0	0.0	0.0	0.0	0.0
1950	4	0.0	0.0	0.0	0.0	0.0	0.0
1950	5	0.0	0.0	0.0	0.0	0.0	0.0
1950	6	0.0	0.0	0.0	0.0	0.0	0.0
1950	7	0.0	0.0	0.0	0.0	0.0	0.0
1950	8	0.0	0.0	0.0	0.0	0.0	0.0
1950	9	0.0	0.0	0.0	0.0	0.0	0.0
1950	10	0.0	0.0	0.0	0.0	0.0	0.0
1950	11	0.0	0.0	0.0	0.0	0.0	0.0
1950	12	0.0	0.0	0.0	0.0	0.0	0.0
1951	1	0.0	0.0	0.0	0.0	0.0	0.0
1951	2	0.0	0.0	0.0	0.0	0.0	0.0
1951	3	0.0	0.0	0.0	0.0	0.0	0.0
1951	4	0.0	0.0	0.0	0.0	0.0	0.0
1951	5	0.0	0.0	0.0	0.0	0.0	0.0
1951	6	0.0	0.0	0.0	0.0	0.0	0.0
1951	7	0.0	0.0	0.0	0.0	0.0	0.0
1951	8	0.0	0.0	0.0	0.0	0.0	0.0
1951	9	0.0	0.0	0.0	0.0	0.0	0.0
1951	10	0.0	0.0	0.0	0.0	0.0	0.0
1951	11	0.0	0.0	0.0	0.0	0.0	0.0
1951	12	0.0	0.0	0.0	0.0	0.0	0.0
1951	1	0.0628	0.0662	0.0796	0.0817	0.1008	0.0696
1952	2	0.0549	0.0442	0.1089	0.0874	0.1334	0.1512
1952	3	0.0508	0.0764	0.0632	0.0778	0.0701	0.0745
1952	4	0.0497	0.0680	0.0849	0.0831	0.0817	0.0757
1952	5	0.0472	0.0655	0.0550	0.0499	0.0730	0.0831
1952	6	0.0921	0.0615	0.0492	0.0274	0.0341	0.0239
1952	7	0.0552	0.0731	0.0489	0.0293	0.0257	0.0316
1952	8	0.0628	0.0607	0.0691	0.0454	0.0661	0.0537
1952	9	0.0567	0.0548	0.1138	0.0698	0.1349	0.1201
1952	10	0.0965	0.0546	0.0700	0.1298	0.0873	0.1719
1952	11	0.0521	0.0685	0.0843	0.0527	0.0573	0.0610
1952	12	0.0464	0.0682	0.0802	0.0695	0.0914	0.0912
1953	1	0.0025	0.0020	0.0030	0.0026	0.0034	0.0028
1953	2	0.0042	0.0051	0.0053	0.0013	0.0023	0.0027
1953	3	0.0339	0.0304	0.0518	0.0436	0.0480	0.0553
1953	4	0.1441	0.2080	0.1626	0.1795	0.1617	0.1362
1953	5	0.0436	0.0268	0.0385	0.0230	0.0439	0.0482
1953	6	0.1645	0.1576	0.0996	0.1280	0.0992	0.0750
1953	7	0.1208	0.0971	0.1002	0.0720	0.0765	0.0683
1953	8	0.0118	0.0093	0.0089	0.0060	0.0092	0.0103
1953	9	0.2528	0.1793	0.3039	0.1595	0.2121	0.2839
1953	10	0.1713	0.1864	0.2324	0.1384	0.1128	0.1820
1953	11	0.0151	0.0095	0.0156	0.0072	0.0174	0.0138
1953	12	0.0296	0.0262	0.0338	0.0212	0.0298	0.0286
1954	1	0.0229	0.0139	0.0188	0.0187	0.0242	0.0213

Table 1.--Listing **of** SRDL (*cont.*)

1954	2	0.0227	0.0291	0.0363	0.0590	0.0459	0.0486
1954	3	0.2440	0.2752	0.3569	0.5178	0.5660	0.4272
1954	4	0.0638	0.0767	0.0687	0.0503	0.0841	0.0664
1954	5	0.1503	0.0974	0.0815	0.0446	0.0505	0.0681
1954	6	0.0789	0.1415	0.1060	0.0505	0.0638	0.0702
1954	7	0.0360	0.1003	0.0540	0.0448	0.0564	0.0294
1954	8	0.1903	0.2225	0.2299	0.1451	0.2270	0.3170
1954	9	0.0971	0.1072	0.1323	0.0518	0.0573	0.0871
1954	10	0.0523	0.1056	0.1145	0.1324	0.1523	0.0792
1954	11	0.0310	0.0323	0.0498	0.0352	0.0480	0.0702
1954	12	0.0737	0.1540	0.1920	0.1404	0.1997	0.3071
1955	1	0.0511	0.0306	0.0691	0.0380	0.0476	0.0360
1955	2	0.1041	0.0790	0.1215	0.1616	0.1459	0.1257
1955	3	0.3411	0.1699	0.2119	0.2244	0.3217	0.3589
1955	4	0.1287	0.1922	0.1917	0.1595	0.2297	0.1771
1955	5	0.5153	0.4640	0.4514	0.2709	0.3510	0.4609
1955	6	0.2340	0.3042	0.1537	0.2275	0.2127	0.1044
1955	7	0.1708	0.1064	0.1273	0.1170	0.1016	0.1008
1955	8	0.0684	0.0455	0.0587	0.0624	0.0788	0.0865
1955	9	0.1180	0.0489	0.0357	0.0762	0.0716	0.0711
1955	10	0.1302	0.1205	0.1292	0.1186	0.1691	0.2397
1955	11	0.1187	0.0800	0.1227	0.1131	0.1175	0.0626
1955	12	0.0422	0.0228	0.0473	0.0244	0.0271	0.0336
1956	1	0.9676	0.4041	0.7885	0.8988	1.1968	1.1091
1956	2	0.0990	0.1369	0.2365	0.2465	0.3355	0.2639
1956	3	0.1213	0.2690	0.2473	0.4398	0.4749	0.4033
1956	4	0.1933	0.3356	0.3003	0.4418	0.4100	0.3938
1956	5	0.6048	0.6576	0.6206	0.9452	0.8631	0.7419
1956	6	0.2893	0.2402	0.3098	0.3368	0.2811	0.1516
1956	7	0.2008	0.2396	0.2075	0.0818	0.2256	0.1630
1956	8	0.3317	0.3875	0.5045	0.5782	0.6941	0.4869
1956	9	0.1316	0.0699	0.1470	0.0442	0.1199	0.1580
1956	10	0.0338	0.0223	0.0377	0.0291	0.0376	0.0449
1956	11	0.3371	0.2805	0.3361	0.2509	0.3101	0.2786
1956	12	0.1734	0.0914	0.1765	0.1386	0.1676	0.1609
1957	1	0.1073	0.0772	0.1754	0.1159	0.1652	0.1700
1957	2	0.0871	0.0552	0.0880	0.1229	0.1154	0.1012
1957	3	0.1357	0.1382	0.1305	0.1270	0.1322	0.1378
1957	4	0.1697	0.2457	0.2393	0.3393	0.3828	0.2260
1957	5	0.0685	0.1316	0.0885	0.0929	0.1026	0.0951
1957	6	0.1183	0.1138	0.1466	0.1101	0.1739	0.1254
1957	7	0.1654	0.2155	0.2149	0.3809	0.2896	0.1853
1957	8	0.0987	0.1784	0.0743	0.1384	0.1335	0.0656
1957	9	0.1699	0.0834	0.2047	0.1821	0.1881	0.1512
1957	10	0.0346	0.0602	0.0947	0.0813	0.0656	0.0393
1957	11	0.0907	0.0889	0.0839	0.0630	0.0692	0.0588
1957	12	0.0377	0.0469	0.0768	0.0751	0.0696	0.0661
1958	1	0.0399	0.0303	0.0488	0.0200	0.0485	0.0627
1958	2	0.0309	0.0281	0.0436	0.0228	0.0375	0.0883

Table 1.--Listing of SRDL (*cont.*)

1958	3	0.0265	0.0217	0.0217	0.0178	0.0317	0.0314
1958	4	0.1922	0.2857	0.1727	0.2303	0.3862	0.3374
1958	5	0.1858	0.1621	0.1044	0.1003	0.2013	0.1807
1958	6	1.0578	0.9464	0.8222	1.0053	1.3686	0.9557
1958	7	0.0225	0.0192	0.0188	0.0161	0.0278	0.0212
1958	8	2.2894	1.8812	1.2560	1.4054	2.1740	2.0414
1958	9	0.2174	0.2293	0.2368	0.2254	0.2794	0.2804
1958	10	0.2595	0.2872	0.3212	0.2288	0.2877	0.3587
1958	11	0.9630	0.6423	0.8906	0.6911	0.9325	0.7358
1958	12	0.6971	0.3021	0.8923	0.1700	0.3328	0.5658
1959	1	0.2746	0.3580	0.4844	0.5641	0.7836	0.6521
1959	2	0.1001	0.2142	0.2998	0.2217	0.3193	0.3062
1959	3	0.2940	0.5829	0.3391	0.5040	0.6148	0.4632
1959	4	1.0878	2.9109	3.1290	3.3320	3.3501	2.5478
1959	5	1.8101	1.3212	1.4585	1.4381	1.3498	1.1116
1959	6	0.5691	0.3085	0.3176	0.2073	0.4012	0.3681
1959	7	0.1302	0.1917	0.1597	0.1497	0.1774	0.1982
1959	8	0.4714	0.4131	0.3841	0.3751	0.1717	0.1736
1959	9	0.1040	0.0812	0.0783	0.0600	0.0635	0.0482
1959	10	0.1250	0.1569	0.1361	0.1297	0.1608	0.1452
1959	11	0.0403	0.0480	0.0728	0.0547	0.0603	0.0549
1959	12	0.0463	0.0848	0.0947	0.1192	0.1064	0.1353
1960	1	0.1368	0.1817	0.2061	0.1979	0.2086	0.1948
1960	2	0.0336	0.0586	0.0538	0.0547	0.0631	0.1047
1960	3	0.3737	0.4841	0.5562	0.4298	0.4903	0.5356
1960	4	0.4556	0.4052	0.3535	0.2776	0.3056	0.3261
1960	5	0.1027	0.1399	0.1250	0.0695	0.0998	0.1099
1960	6	0.0651	0.0962	0.0888	0.1264	0.0933	0.0770
1960	7	0.0223	0.0279	0.0208	0.0136	0.0192	0.0130
1960	8	0.0228	0.0338	0.0158	0.0190	0.0231	0.0225
1960	9	0.0885	0.1030	0.0719	0.0393	0.0561	0.0212
1960	10	0.0757	0.0712	0.0745	0.0558	0.0509	0.0810
1960	11	0.1442	0.1256	0.1417	0.0517	0.1016	0.0965
1960	12	0.0862	0.0465	0.1322	0.0456	0.0635	0.0873
1961	1	0.0553	0.0368	0.0704	0.0167	0.0324	0.0648
1961	2	0.0780	0.0627	0.0877	0.1308	0.1624	0.1583
1961	3	0.1765	0.2429	0.1985	0.1963	0.2341	0.2240
1961	4	0.1424	0.2236	0.1749	0.4228	0.5012	0.3393
1961	5	0.3694	0.1936	0.2005	0.2938	0.2801	0.3694
1961	6	0.3429	0.4532	0.4796	0.4335	0.5263	0.5929
1961	7	0.0745	0.1124	0.1002	0.0956	0.1312	0.1077
1961	8	0.0508	0.0726	0.0932	0.1268	0.1307	0.0903
1961	9	0.0472	0.0676	0.0465	0.0364	0.0276	0.0110
1961	10	0.1151	0.1377	0.0812	0.0657	0.0808	0.0815
1961	11	0.7306	0.7346	0.7010	0.7670	0.7397	0.9121
1961	12	0.1667	0.1322	0.2172	0.1158	0.1670	0.1842
1962	1	0.1558	0.2048	0.2466	0.1566	0.2064	0.2327
1962	2	0.6726	0.6583	0.7613	0.7236	0.7000	0.8151
1962	3	0.2765	0.6328	0.3216	0.4938	0.6328	0.4631

Table 1.--Listing of SRDL (cont.)

1962	4	0.6880	0.7452	0.7467	0.6623	0.6045	1.0188
1962	5	2.7039	1.7762	2.1045	0.9077	1.2708	1.7212
1962	6	0.9165	1.2563	1.2172	2.3591	1.6506	1.2934
1962	7	0.2995	0.4453	0.3192	0.3216	0.4348	0.4248
1962	8	0.4164	0.3673	0.2818	0.3558	0.3632	0.3438
1962	9	0.5469	0.4351	0.5898	0.4486	0.6165	0.6627
1962	10	0.3606	0.7115	0.9372	0.4838	0.8177	0.9125
1962	11	0.2754	0.2764	0.3589	0.5458	0.7020	0.5448
1962	12	0.2276	0.1949	0.3628	0.1567	0.2883	0.2714
1963	1	0.3426	0.2694	0.4839	0.1856	0.2350	0.4084
1963	2	0.1694	0.1160	0.1724	0.0953	0.1140	0.1861
1963	3	0.6992	1.0893	0.9864	1.1764	1.2721	1.0281
1963	4	2.8055	2.3738	2.3489	3.3197	3.1844	3.3038
1963	5	1.9424	2.7286	3.1170	2.1273	2.0280	2.8884
1963	6	4.6203	2.3383	2.4302	3.1570	2.1292	0.9797
1963	7	1.6163	3.0675	2.8549	1.7289	2.3587	1.8552
1963	8	1.9258	1.6734	2.1568	1.3761	1.7549	2.3128
1963	9	0.7505	1.0495	0.9706	0.5940	0.5790	0.5009
1963	10	0.6602	0.7248	0.9325	0.3410	0.5302	0.2662
1963	11	0.5955	0.6922	0.7184	0.3204	0.8459	1.3120
1963	12	0.5030	0.4686	0.6488	0.2748	0.4077	0.5747
1964	1	0.7105	0.5258	0.7719	0.7479	0.7186	0.8550
1964	2	0.3639	0.1786	0.2759	0.2263	0.3793	0.3251
1964	3	0.6467	0.8130	0.6954	0.8998	1.4228	1.0968
1964	4	1.9367	2.1772	1.5611	2.2954	2.5177	1.8424
1964	5	3.4985	2.4112	2.1111	1.6276	2.1988	2.1656
1964	6	2.5009	1.2808	1.1062	2.1219	1.6816	1.1625
1964	7	0.7592	1.3731	1.0285	0.8369	0.9989	1.0579
1964	8	0.9254	0.8167	1.0935	1.0481	1.2819	0.9410
1964	9	0.5938	0.6194	0.5150	0.2943	0.2310	0.1290
1964	10	0.5450	0.2657	0.4525	0.1508	0.4000	0.3834
1964	11	0.3050	0.3495	0.4007	0.1276	0.1922	0.2943
1964	12	0.4008	0.2400	0.4693	0.3585	0.4429	0.3935
1965	1	0.2403	0.3146	0.4228	0.3958	0.4612	0.3580
1965	2	0.2698	0.1703	0.3675	0.2796	0.2963	0.4111
1965	3	0.1694	0.2388	0.1917	0.2855	0.3028	0.1996
1965	4	0.5369	1.0931	0.8039	0.7565	0.6570	0.8521
1965	5	1.2258	0.8999	0.7178	0.5802	0.7700	0.3653
1965	6	0.6168	0.5821	0.4548	0.5601	0.6340	0.4614
1965	7	0.6232	0.4757	0.4593	0.5202	0.4965	0.5061
1965	8	0.3922	0.5301	0.4545	0.4413	0.4384	0.4587
1965	9	0.3410	0.4561	0.3395	0.1893	0.1769	0.2281
1965	10	0.1263	0.1439	0.1504	0.1840	0.1979	0.2074
1965	11	0.1620	0.1166	0.1437	0.0675	0.1200	0.1654
1965	12	0.1384	0.1874	0.1974	0.2340	0.1727	0.1424
1966	1	0.0769	0.0604	0.0697	0.0233	0.0543	0.0993
1966	2	0.0908	0.1082	0.1125	0.0844	0.1221	0.1488
1966	3	0.3758	0.4069	0.3713	0.3184	0.3598	0.3245
1966	4	0.2065	0.3804	0.2710	0.4260	0.4471	0.2417

Table 1.--*Listing of SRDL* (cont.)

1966	5	0.1608	0.2157	0.1281	0.1751	0.1833	0.1452
1966	6	0.2037	0.2157	0.1717	0.3357	0.3313	0.2453
1966	7	0.0504	0.0686	0.0293	0.0792	0.0749	0.0429
1966	8	0.2290	0.1646	0.1673	0.2098	0.1773	0.1568
1966	9	0.0643	0.0529	0.0738	0.0422	0.0867	0.1072
1966	10	0.0951	0.0564	0.0622	0.0364	0.0398	0.0302
1966	11	0.0871	0.1512	0.1783	0.1363	0.1767	0.1607
1966	12	0.0282	0.0328	0.0514	0.0545	0.0565	0.0442
1967	1	0.0697	0.0679	0.0844	0.0563	0.0355	0.0475
1967	2	0.0452	0.0459	0.0515	0.0298	0.0381	0.0379
1967	3	0.1251	0.1104	0.1061	0.0696	0.1293	0.0783
1967	4	0.1259	0.2020	0.1767	0.1493	0.1678	0.1326
1967	5	0.0577	0.1018	0.0705	0.0728	0.1475	0.1350
1967	6	0.1238	0.1585	0.1506	0.1960	0.1112	0.0903
1967	7	0.0806	0.0687	0.0723	0.1400	0.1047	0.0744
1967	8	0.1274	0.0937	0.1222	0.1070	0.0957	0.1007
1967	9	0.0179	0.0325	0.0388	0.0351	0.0459	0.0645
1967	10	0.0422	0.0457	0.0417	0.0430	0.0350	0.0428
1967	11	0.0236	0.0304	0.0483	0.0307	0.0418	0.0393
1967	12	0.0331	0.0380	0.0606	0.0835	0.0574	0.0416
1968	1	0.0350	0.0411	0.0587	0.0652	0.0856	0.0720
1968	2	0.0959	0.0948	0.1649	0.0813	0.0550	0.0917
1968	3	0.1432	0.0524	0.0967	0.1533	0.1310	0.1305
1968	4	0.1428	0.1267	0.0975	0.0736	0.0972	0.0571
1968	5	0.1491	0.1611	0.1432	0.2393	0.2109	0.2053
1968	6	0.1977	0.2036	0.1462	0.2381	0.1518	0.1500
1968	7	0.2077	0.1233	0.1036	0.1868	0.1433	0.0571
1968	8	0.0725	0.0590	0.0935	0.0822	0.0716	0.0755
1968	9	0.0836	0.0758	0.0661	0.0353	0.0544	0.0708
1968	10	0.0735	0.0444	0.0536	0.0324	0.0554	0.0669
1968	11	0.0156	0.0335	0.0333	0.0361	0.0500	0.0588
1968	12	0.0286	0.0286	0.0326	0.0273	0.0316	0.0281
1969	1	0.0597	0.0472	0.0560	0.0475	0.0507	0.0502
1969	2	0.0322	0.0124	0.0309	0.0119	0.0211	0.0264
1969	3	0.0231	0.0483	0.0554	0.0576	0.0547	0.0609
1969	4	0.1225	0.1691	0.1556	0.1948	0.2376	0.2048
1969	5	0.0748	0.1007	0.1164	0.1533	0.1816	0.1141
1969	6	0.1220	0.2857	0.1970	0.1572	0.1846	0.1714
1969	7	0.0873	0.1586	0.1046	0.2751	0.2319	0.1240
1969	8	0.1641	0.0524	0.0783	0.1236	0.0740	0.1176
1969	9	0.0458	0.0517	0.0442	0.0210	0.0550	0.0271
1969	10	0.0628	0.0892	0.0872	0.0323	0.0454	0.0430
1969	11	0.0152	0.0180	0.0307	0.0284	0.0340	0.0350
1969	12	0.0191	0.0141	0.0197	0.0177	0.0248	0.0297
1970	1	0.0674	0.0509	0.0762	0.0358	0.0479	0.0604
1970	2	0.0172	0.0108	0.0185	0.0109	0.0222	0.0335
1970	3	0.0189	0.0316	0.0403	0.0374	0.0367	0.0347
1970	4	0.1039	0.1229	0.1214	0.1421	0.1325	0.1283
1970	5	0.3123	0.2532	0.1747	0.2004	0.1999	0.2016

Table 1 --Listing of SRDL (cont.)

1970	6	0.1396	0.1751	0.1494	0.2158	0.2125	0.2203
1970	7	0.2695	0.2161	0.3779	0.2674	0.2862	0.2438
1970	8	0.1602	0.1892	0.2244	0.1583	0.1916	0.3300
1970	9	0.0566	0.0832	0.0708	0.0329	0.0611	0.0427
1970	10	0.0728	0.0515	0.0547	0.0333	0.0630	0.0693
1970	11	0.0521	0.0505	0.0389	0.0488	0.0660	0.0590
1970	12	0.0369	0.0359	0.0542	0.0355	0.0403	0.0549
1971	1	0.0482	0.0394	0.0683	0.0105	0.0281	0.0370
1971	2	0.0467	0.0445	0.0631	0.0569	0.0558	0.0793
1971	3	0.0607	0.0601	0.0741	0.0544	0.0503	0.0707
1971	4	0.1175	0.1131	0.1527	0.0930	0.1366	0.1362
1971	5	0.3734	0.2544	0.2717	0.1323	0.2560	0.1867
1971	6	0.3601	0.2550	0.2980	0.2449	0.2818	0.3526
1971	7	0.1972	0.2152	0.2202	0.1086	0.1783	0.2212
1971	8	0.1248	0.1432	0.1847	0.1821	0.1432	0.2032
1971	9	0.0494	0.0433	0.0374	0.0375	0.0457	0.0380
1971	10	0.0575	0.0296	0.0197	0.0164	0.0303	0.0285
1971	11	0.0503	0.0411	0.0423	0.0254	0.0434	0.0389
1971	12	0.0187	0.0305	0.0314	0.0273	0.0288	0.0247
1972	1	0.0444	0.0166	0.0376	0.0231	0.0256	0.0296
1972	2	0.0389	0.0247	0.0521	0.0290	0.0431	0.0684
1972	3	0.0595	0.0535	0.0633	0.0603	0.0781	0.0670
1972	4	0.0406	0.0673	0.0526	0.0898	0.0901	0.0709
1972	5	0.0866	0.0831	0.0823	0.0848	0.1379	0.1365
1972	6	0.0538	0.0643	0.0613	0.0571	0.0964	0.0928
1972	7	0.0797	0.0716	0.0690	0.0405	0.0556	0.0532
1972	8	0.0521	0.0661	0.0470	0.0463	0.0393	0.0423
1972	9	0.0159	0.0233	0.0126	0.0146	0.0223	0.0137
1972	10	0.0087	0.0148	0.0150	0.0179	0.0141	0.0178
1972	11	0.0128	0.0105	0.0133	0.0238	0.0240	0.0235
1972	12	0.0332	0.0381	0.0532	0.0381	0.0402	0.0456
1973	1	0.0096	0.0078	0.0104	0.0074	0.0086	0.0090
1973	2	0.0304	0.0279	0.0336	0.0374	0.0394	0.0444
1973	3	0.0230	0.0211	0.0301	0.0429	0.0442	0.0342
1973	4	0.0272	0.0464	0.0205	0.0236	0.0354	0.0528
1973	5	0.0560	0.0659	0.0609	0.0394	0.0533	0.0470
1973	6	0.0238	0.0241	0.0224	0.0328	0.0316	0.0175
1973	7	0.0351	0.0261	0.0308	0.0325	0.0295	0.0175
1973	8	0.0165	0.0116	0.0138	0.0066	0.0101	0.0062
1973	9	0.0100	0.0100	0.0068	0.0051	0.0063	0.0077
1973	10	0.0082	0.0139	0.0134	0.0087	0.0153	0.0156
1973	11	0.0436	0.0378	0.0578	0.0686	0.0621	0.0721
1973	12	0.0232	0.0276	0.0245	0.0293	0.0307	0.0399
1974	1	0.0149	0.0186	0.0234	0.0212	0.0183	0.0176
1974	2	0.0170	0.0187	0.0260	0.0301	0.0273	0.0225
1974	3	0.0506	0.0871	0.0719	0.1314	0.1433	0.1083
1974	4	0.1021	0.1260	0.1276	0.1057	0.1309	0.1014
1974	5	0.1197	0.1515	0.1319	0.1725	0.1779	0.1798
1974	6	0.1489	0.1875	0.1276	0.0754	0.1649	0.1420

Table 1.--*Listing of SRDL(cont.)*

1974	7	0.0819	0.0807	0.0753	0.0516	0.0590	0.0790
1974	8	0.0917	0.0783	0.0548	0.0573	0.0551	0.0514
1974	9	0.0584	0.0505	0.0719	0.0493	0.0547	0.0580
1974	10	0.0317	0.0302	0.0344	0.0120	0.0212	0.0235
1974	11	0.0265	0.0196	0.0231	0.0272	0.0394	0.0289
1974	12	0.0190	0.0237	0.0234	0.0390	0.0391	0.0366
1975	1	0.0633	0.0392	0.0571	0.0403	0.0464	0.0361
1975	2	0.0410	0.0330	0.0547	0.0472	0.0549	0.0529
1975	3	0.0675	0.0776	0.0648	0.0748	0.0884	0.1067
1975	4	0.0370	0.0660	0.0517	0.0553	0.0364	0.0493
1975	5	0.0411	0.0533	0.0406	0.0457	0.0432	0.0491
1975	6	0.0512	0.0508	0.0347	0.0612	0.0496	0.0490
1975	7	0.0312	0.0467	0.0455	0.0304	0.0379	0.0403
1975	8	0.0097	0.0254	0.0183	0.0333	0.0312	0.0140
1975	9	0.0162	0.0122	0.0155	0.0159	0.0173	0.0218
1975	10	0.0107	0.0061	0.0069	0.0052	0.0098	0.0106
1975	11	0.0231	0.0198	0.0171	0.0130	0.0142	0.0135
1975	12	0.0089	0.0072	0.0110	0.0148	0.0153	0.0140
1976	1	0.0110	0.0066	0.0120	0.0085	0.0100	0.0093
1976	2	0.0070	0.0056	0.0081	0.0082	0.0103	0.0067
1976	3	0.0298	0.0347	0.0298	0.0282	0.0320	0.0301
1976	4	0.0128	0.0230	0.0095	0.0230	0.0183	0.0294
1976	5	0.0114	0.0343	0.0278	0.0360	0.0287	0.0384
1976	6	0.0150	0.0080	0.0159	0.0176	0.0158	0.0191
1976	7	0.0108	0.0110	0.0145	0.0299	0.0207	0.0185
1976	8	0.0035	0.0055	0.0056	0.0063	0.0081	0.0083
1976	9	0.0036	0.0037	0.0070	0.0085	0.0109	0.0074
1976	10	0.0025	0.0033	0.0042	0.0045	0.0050	0.0062
1976	11	0.0052	0.0034	0.0072	0.0036	0.0042	0.0044
1976	12	0.0081	0.0031	0.0082	0.0044	0.0050	0.0068
1977	1	0.0085	0.0047	0.0112	0.0059	0.0063	0.0109
1977	2	0.0059	0.0045	0.0087	0.0051	0.0057	0.0049
1977	3	0.0321	0.0322	0.0231	0.0295	0.0298	0.0247
1977	4	0.0303	0.0366	0.0290	0.0600	0.0609	0.0405
1977	5	0.0529	0.0319	0.0444	0.0513	0.0481	0.0290
1977	6	0.0975	0.0885	0.0507	0.0757	0.1006	0.0670
1977	7	0.0823	0.0820	0.0672	0.0566	0.1000	0.0553
1977	8	0.0930	0.0808	0.0964	0.0544	0.1072	0.0977
1977	9	0.0623	0.0476	0.0496	0.0578	0.0757	0.0630
1977	10	0.0355	0.0374	0.0375	0.0299	0.0325	0.0460
1977	11	0.0421	0.0421	0.0566	0.0379	0.0545	0.0667
1977	12	0.0366	0.0329	0.0422	0.0381	0.0513	0.0575
1978	1	0.0330	0.0338	0.0488	0.0562	0.0593	0.0773
1978	2	0.0179	0.0120	0.0170	0.0073	0.0086	0.0189
1978	3	0.0298	0.0189	0.0333	0.0488	0.0613	0.0613
1978	4	0.0609	0.1091	0.0557	0.0895	0.1106	0.0827
1978	5	0.1155	0.1212	0.0969	0.0988	0.1137	0.0792
1978	6	0.1092	0.1291	0.0896	0.1144	0.1140	0.0721
1978	7	0.1094	0.0896	0.0592	0.0405	0.0400	0.0461

Table 1.--*Listing of SRDL (cont.)*

1978	8	0.0657	0.0670	0.0476	0.0259	0.0482	0.0562
1978	9	0.0256	0.0464	0.0505	0.0264	0.0314	0.0367
1978	10	0.0098	0.0164	0.0121	0.0117	0.0230	0.0163
1978	11	0.0227	0.0148	0.0171	0.0144	0.0133	0.0153
1978	12	0.0163	0.0132	0.0211	0.0146	0.0178	0.0193
1979	1	0.0125	0.0155	0.0171	0.0087	0.0165	0.0252
1979	2	0.0113	0.0070	0.0095	0.0036	0.0087	0.0101
1979	3	0.0294	0.0261	0.0205	0.0159	0.0178	0.0143
1979	4	0.0127	0.0287	0.0299	0.0414	0.0352	0.0309
1979	5	0.0447	0.0281	0.0290	0.0480	0.0432	0.0359
1979	6	0.0502	0.0377	0.0411	0.0280	0.0322	0.0244
1979	7	0.0306	0.0210	0.0144	0.0343	0.0244	0.0201
1979	8	0.0133	0.0195	0.0166	0.0078	0.0185	0.0164
1979	9	0.0106	0.0019	0.0043	0.0060	0.0131	0.0144
1979	10	0.0116	0.0083	0.0097	0.0042	0.0092	0.0094
1979	11	0.0036	0.0050	0.0053	0.0069	0.0074	0.0052
1979	12	0.0037	0.0040	0.0052	0.0063	0.0082	0.0062
1980	1	0.0104	0.0050	0.0057	0.0023	0.0033	0.0039
1980	2	0.0038	0.0023	0.0031	0.0020	0.0029	0.0031
1980	3	0.0039	0.0035	0.0072	0.0120	0.0129	0.0140
1980	4	0.0064	0.0115	0.0115	0.0112	0.0111	0.0137
1980	5	0.0103	0.0125	0.0150	0.0163	0.0162	0.0097
1980	6	0.0173	0.0246	0.0209	0.0235	0.0240	0.0239
1980	7	0.0133	0.0158	0.0149	0.0254	0.0239	0.0163
1980	8	0.0116	0.0164	0.0085	0.0146	0.0162	0.0085
1980	9	0.0082	0.0072	0.0061	0.0058	0.0068	0.0054
1980	10	0.0055	0.0044	0.0057	0.0044	0.0076	0.0080
1980	11	0.0024	0.0022	0.0030	0.0017	0.0030	0.0046
1980	12	0.0065	0.0056	0.0093	0.0056	0.0057	0.0074

Table 2.--Listing of SRDB

1950	1	0.0	0.0	0.0	0.0	0.0	0.0
1950	2	0.0	0.0	0.0	0.0	0.0	0.0
1950	3	0.0	0.0	0.0	0.0	0.0	0.0
1950	4	0.0	0.0	0.0	0.0	0.0	0.0
1950	5	0.0	0.0	0.0	0.0	0.0	0.0
1950	6	0.0	0.0	0.0	0.0	0.0	0.0
1950	7	0.0	0.0	0.0	0.0	0.0	0.0
1950	8	0.0	0.0	0.0	0.0	0.0	0.0
1950	9	0.0	0.0	0.0	0.0	0.0	0.0
1950	10	0.0	0.0	0.0	0.0	0.0	0.0
1950	11	0.0	0.0	0.0	0.0	0.0	0.0
1950	12	0.0	0.0	0.0	0.0	0.0	0.0
1951	1	0.0	0.0	0.0	0.0	0.0	0.0
1951	2	0.0	0.0	0.0	0.0	0.0	0.0
1951	3	0.0	0.0	0.0	0.0	0.0	0.0
1951	4	0.0	0.0	0.0	0.0	0.0	0.0
1951	5	0.0	0.0	0.0	0.0	0.0	0.0
1951	6	0.0	0.0	0.0	0.0	0.0	0.0
1951	7	0.0	0.0	0.0	0.0	0.0	0.0
1951	8	0.0	0.0	0.0	0.0	0.0	0.0
1951	9	0.0	0.0	0.0	0.0	0.0	0.0
1951	10	0.0	0.0	0.0	0.0	0.0	0.0
1951	11	0.0	0.0	0.0	0.0	0.0	0.0
1951	12	0.0	0.0	0.0	0.0	0.0	0.0
1952	1	0.0554	0.0634	0.0676	0.0794	0.1046	0.0763
1952	2	0.0656	0.0549	0.0848	0.1043	0.1317	0.1446
1952	3	0.0532	0.0636	0.0648	0.0705	0.0858	0.0722
1952	4	0.0486	0.0631	0.0653	0.0782	0.0943	0.0780
1952	5	0.0453	0.0649	0.0564	0.0645	0.0773	0.0853
1952	6	0.0900	0.0648	0.0458	0.0301	0.0368	0.0363
1952	7	0.0685	0.0668	0.0544	0.0384	0.0352	0.0403
1952	8	0.0669	0.0653	0.0742	0.0558	0.0515	0.0567
1952	9	0.0773	0.0604	0.1092	0.0823	0.1168	0.1184
1952	10	0.1052	0.0496	0.0753	0.1315	0.0923	0.1899
1952	11	0.0516	0.0645	0.0861	0.0609	0.0577	0.0683
1952	12	0.0496	0.0621	0.0704	0.0804	0.0775	0.1075
1953	1	0.0025	0.0018	0.0030	0.0027	0.0030	0.0030
1953	2	0.0038	0.0047	0.0047	0.0026	0.0026	0.0038
1953	3	0.0343	0.0322	0.0522	0.0480	0.0463	0.0598
1953	4	0.1252	0.2213	0.1721	0.1856	0.1749	0.1633
1953	5	0.0408	0.0274	0.0293	0.0334	0.0421	0.0466
1953	6	0.1968	0.1745	0.1174	0.1468	0.1051	0.0927
1953	7	0.1149	0.1054	0.1027	0.1004	0.0956	0.0971
1953	8	0.0128	0.0105	0.0086	0.0082	0.0093	0.0111
1953	9	0.2926	0.1759	0.3219	0.2197	0.1831	0.3045
1953	10	0.1441	0.1895	0.2007	0.1807	0.1269	0.1914
1953	11	0.0137	0.0087	0.0133	0.0093	0.0109	0.0155
1953	12	0.0295	0.0210	0.0320	0.0275	0.0248	0.0319
1954	1	0.0217	0.0123	0.0185	0.0209	0.0220	0.0233

Table 2.--Listing of SRDB (cont.)

1954	2	0.0239	0.0324	0.0396	0.0635	0.0437	0.0505
1954	3	0.2477	0.2901	0.3340	0.5255	0.5084	0.4336
1954	4	0.0582	0.0760	0.0660	0.0610	0.0712	0.0727
1954	5	0.1581	0.0995	0.0967	0.0346	0.0635	0.0949
1954	6	0.0848	0.1304	0.1130	0.0697	0.0837	0.0889
1954	7	0.0567	0.0856	0.0583	0.0441	0.0718	0.0478
1954	8	0.2404	0.2057	0.2225	0.2073	0.3173	0.3285
1954	9	0.0984	0.1167	0.1337	0.0645	0.0567	0.0971
1954	10	0.0598	0.1081	0.1108	0.1347	0.1318	0.0722
1954	11	0.0333	0.0321	0.0431	0.0418	0.0420	0.0694
1954	12	0.0782	0.1181	0.1686	0.1833	0.1770	0.2977
1955	1	0.0408	0.0277	0.0467	0.0469	0.0453	0.0364
1955	2	0.1170	0.0808	0.0984	0.1430	0.1324	0.1313
1955	3	0.2571	0.1936	0.2108	0.2322	0.3484	0.3956
1955	4	0.1067	0.1789	0.1527	0.1725	0.2096	0.1658
1955	5	0.4653	0.4835	0.4425	0.2883	0.4035	0.4150
1955	6	0.2389	0.3136	0.1803	0.2069	0.2230	0.1664
1955	7	0.1938	0.1521	0.1259	0.1146	0.1654	0.1158
1955	8	0.0678	0.0602	0.0687	0.0645	0.0715	0.0902
1955	9	0.1170	0.0488	0.0482	0.0724	0.0647	0.0791
1955	10	0.1176	0.1257	0.1449	0.1392	0.1591	0.2384
1955	11	0.1306	0.0838	0.1065	0.1278	0.1332	0.0839
1955	12	0.0382	0.0237	0.0386	0.0340	0.0206	0.0323
1956	1	1.0234	0.4253	0.6460	0.9244	1.0360	1.2267
1956	2	0.0999	0.1479	0.2029	0.2936	0.3380	0.3051
1956	3	0.1302	0.2779	0.2715	0.3995	0.4712	0.4334
1956	4	0.2128	0.3336	0.2910	0.4482	0.4008	0.4134
1956	5	0.5933	0.7071	0.6351	0.9418	0.8805	0.7497
1956	6	0.3300	0.3346	0.2905	0.3311	0.3425	0.2130
1956	7	0.1727	0.2524	0.2534	0.1843	0.2278	0.2080
1956	8	0.3561	0.4346	0.4598	0.6712	0.5726	0.5056
1956	9	0.1502	0.0803	0.1617	0.0809	0.0913	0.1705
1956	10	0.0534	0.0224	0.0397	0.0295	0.0288	0.0532
1956	11	0.3687	0.2993	0.3582	0.2753	0.2681	0.3059
1956	12	0.1799	0.0876	0.1403	0.1540	0.1672	0.1720
1957	1	0.0810	0.0715	0.1218	0.1253	0.1345	0.1611
1957	2	0.0828	0.0643	0.0936	0.1105	0.1070	0.0972
1957	3	0.1350	0.1143	0.1090	0.1399	0.1270	0.1475
1957	4	0.1960	0.2616	0.2279	0.3050	0.4006	0.2415
1957	5	0.0743	0.1205	0.0922	0.1025	0.1086	0.1068
1957	6	0.1389	0.1192	0.1783	0.1376	0.1729	0.1483
1957	7	0.2299	0.2599	0.2247	0.3016	0.2416	0.2506
1957	8	0.1127	0.1695	0.0782	0.1291	0.1226	0.0811
1957	9	0.2060	0.1160	0.2022	0.1725	0.1695	0.1619
1957	10	0.0351	0.0639	0.0796	0.0825	0.0768	0.0474
1957	11	0.0922	0.0868	0.0930	0.0771	0.0648	0.0688
1957	12	0.0356	0.0438	0.0672	0.0793	0.0770	0.0759
1958	1	0.0410	0.0262	0.0423	0.0253	0.0414	0.0670
1958	2	0.0232	0.0201	0.0355	0.0316	0.0297	0.0831

Table 2.--Listing of SRDB (cont.)

1958	3	0.0304	0.0228	0.0241	0.0156	0.0310	0.0412
1958	4	0.2065	0.2827	0.1737	0.2364	0.3638	0.3234
1958	5	0.2141	0.1687	0.1247	0.1448	0.2123	0.2385
1958	6	1.2699	1.0339	0.8458	1.0499	1.4677	1.1749
1958	7	0.0244	0.0244	0.0199	0.0169	0.0341	0.0229
1958	8	2.2933	1.9883	1.3782	1.6307	2.1488	1.8632
1958	9	0.2354	0.2245	0.2327	0.2517	0.2555	0.3006
1958	10	0.2693	0.2959	0.3602	0.1777	0.2126	0.4015
1958	11	0.8725	0.6749	0.7403	0.7429	0.9368	0.7836
1958	12	0.4712	0.2402	0.6547	0.2563	0.2198	0.4783
1959	1	0.2246	0.3246	0.4190	0.5868	0.7359	0.6635
1959	2	0.1036	0.2013	0.2558	0.2664	0.3498	0.3279
1959	3	0.2671	0.5112	0.4463	0.5445	0.5868	0.5287
1959	4	1.2975	2.8178	2.6362	3.2293	3.5739	2.4875
1959	5	1.8294	1.4819	1.3672	1.5052	1.4631	1.1409
1959	6	0.6499	0.4172	0.4305	0.3465	0.5511	0.5008
1959	7	0.1640	0.2118	0.1713	0.1917	0.2017	0.1951
1959	8	0.4423	0.4021	0.3838	0.3421	0.2535	0.2936
1959	9	0.1007	0.0883	0.0839	0.0512	0.0617	0.0519
1959	10	0.1034	0.1482	0.1371	0.1409	0.1469	0.1636
1959	11	0.0405	0.0446	0.0663	0.0563	0.0623	0.0702
1959	12	0.0473	0.0808	0.0882	0.1094	0.0933	0.1297
1960	1	0.1285	0.1589	0.1866	0.2033	0.2086	0.2096
1960	2	0.0283	0.0473	0.0599	0.0609	0.0679	0.1024
1960	3	0.3574	0.3587	0.4545	0.5172	0.4310	0.5258
1960	4	0.4330	0.3887	0.3563	0.3735	0.2562	0.3504
1960	5	0.0898	0.1432	0.1245	0.0861	0.1056	0.1176
1960	6	0.0740	0.0970	0.1010	0.1034	0.0978	0.0899
1960	7	0.0188	0.0265	0.0242	0.0147	0.0244	0.0162
1960	8	0.0283	0.0334	0.0188	0.0177	0.0246	0.0229
1960	9	0.0968	0.0981	0.0838	0.0421	0.0389	0.0470
1960	10	0.0786	0.0699	0.0753	0.0567	0.0530	0.0807
1960	11	0.1540	0.1243	0.1506	0.0910	0.0965	0.1060
1960	12	0.0875	0.0347	0.0968	0.0537	0.0620	0.0870
1961	1	0.0360	0.0266	0.0440	0.0316	0.0255	0.0606
1961	2	0.0887	0.0739	0.0731	0.1246	0.1596	0.1566
1961	3	0.1862	0.2351	0.2056	0.2065	0.2906	0.2107
1961	4	0.1736	0.2393	0.2132	0.3553	0.4643	0.3539
1961	5	0.4001	0.2329	0.2435	0.2952	0.2848	0.4086
1961	6	0.3247	0.4801	0.5371	0.4727	0.5232	0.6049
1961	7	0.1191	0.1269	0.1381	0.1327	0.1350	0.1274
1961	8	0.0769	0.0908	0.0983	0.1330	0.1133	0.1012
1961	9	0.0483	0.0578	0.0503	0.0300	0.0359	0.0163
1961	10	0.1186	0.1280	0.0749	0.0772	0.0801	0.0986
1961	11	0.6311	0.6959	0.6723	0.7265	0.7397	0.7791
1961	12	0.1755	0.1267	0.1987	0.1229	0.1435	0.1982
1962	1	0.1552	0.1469	0.2304	0.1658	0.2045	0.2224
1962	2	0.6655	0.6488	0.7378	0.7519	0.6952	0.8625
1962	3	0.4515	0.6026	0.3780	0.4264	0.7288	0.5359

Table 2.--Listing of SRDB (cont.)

1962	4	0.8316	0.7825	0.7825	0.7257	0.6228	1.1745
1962	5	2.9264	2.2505	2.3424	1.1537	1.7993	1.6718
1962	6	1.1975	1.7010	1.3186	2.2228	1.4860	1.3361
1962	7	0.4192	0.4497	0.3175	0.3405	0.5280	0.4684
1962	8	0.4969	0.3628	0.3082	0.3776	0.2921	0.3438
1962	9	0.5859	0.4580	0.5166	0.4901	0.5430	0.6038
1962	10	0.4140	0.7222	0.8533	0.8114	0.8114	1.0630
1962	11	0.3354	0.2084	0.2961	0.5772	0.5576	0.5655
1962	12	0.2234	0.1528	0.2718	0.2181	0.2079	0.2667
1963	1	0.2173	0.2003	0.3485	0.1739	0.2173	0.3679
1963	2	0.1570	0.0897	0.1679	0.1039	0.1110	0.1876
1963	3	0.6593	1.0430	1.1927	1.1829	1.4256	1.1665
1963	4	2.4153	2.2446	2.4692	2.9515	3.1684	3.0602
1963	5	2.5259	2.8410	2.8580	2.6944	2.3522	3.1070
1963	6	5.0201	3.1804	2.7035	2.4205	2.7940	1.8542
1963	7	2.4389	3.0104	2.4945	2.2465	3.0440	2.4389
1963	8	2.0686	1.7549	2.3560	1.2522	1.5281	2.6959
1963	9	0.9932	1.0088	0.9465	0.5865	0.4933	0.7519
1963	10	0.7810	0.6845	0.6062	0.3796	0.2912	0.3658
1963	11	0.6941	0.5945	0.7879	0.4511	0.6765	1.2111
1963	12	0.4300	0.2995	0.4663	0.3596	0.2987	0.4773
1964	1	0.8063	0.4497	0.8812	0.8694	0.7011	0.9822
1964	2	0.3462	0.1488	0.3117	0.2342	0.3406	0.3517
1964	3	0.6331	0.7170	0.8090	1.0151	1.5218	1.1611
1964	4	1.8381	2.0450	1.6359	2.1855	2.7924	1.9452
1964	5	3.4101	2.8762	2.0595	1.8327	2.0899	2.4053
1964	6	3.7872	1.6604	1.5512	2.0366	2.1950	1.3766
1964	7	0.8410	1.4035	1.0606	1.0766	1.0204	1.1480
1964	8	1.0943	0.9080	0.9303	1.3809	1.0537	0.9147
1964	9	0.6573	0.5974	0.5544	0.2351	0.2532	0.1556
1964	10	0.5961	0.2561	0.4361	0.2487	0.2848	0.4072
1964	11	0.3221	0.3177	0.3591	0.1835	0.1774	0.3099
1964	12	0.3352	0.2195	0.4163	0.4044	0.4039	0.4373
1965	1	0.1853	0.2514	0.3431	0.4021	0.4313	0.3480
1965	2	0.2353	0.1660	0.3206	0.3250	0.2967	0.3503
1965	3	0.1419	0.2318	0.1686	0.3263	0.2783	0.1889
1965	4	0.4785	1.0503	0.6990	0.7456	0.9272	0.8641
1965	5	1.2061	0.9940	0.7201	0.6397	0.7629	0.4419
1965	6	0.6683	0.6268	0.4652	0.4018	0.5812	0.5203
1965	7	0.6609	0.4277	0.5488	0.4720	0.5231	0.4921
1965	8	0.4315	0.5100	0.5553	0.4217	0.4684	0.4638
1965	9	0.3660	0.4236	0.3506	0.2004	0.2110	0.2312
1965	10	0.1305	0.1179	0.1698	0.1765	0.2152	0.2230
1965	11	0.1701	0.1200	0.1491	0.1074	0.1080	0.1620
1965	12	0.1464	0.1956	0.1940	0.2296	0.1780	0.1502
1966	1	0.0585	0.0398	0.0597	0.0471	0.0558	0.0985
1966	2	0.0735	0.0884	0.1094	0.1120	0.1023	0.1505
1966	3	0.3981	0.4015	0.3593	0.3683	0.3326	0.3688
1966	4	0.2720	0.3636	0.2640	0.4095	0.3957	0.2285

Table 2.--Listing of SRDB (cont.)

1966	5	0.1561	0.1900	0.1633	0.1593	0.2399	0.2013
1966	6	0.2972	0.2766	0.2745	0.3732	0.3273	0.2959
1966	7	0.0859	0.0665	0.0461	0.0594	0.0943	0.0540
1966	8	0.2501	0.1918	0.1916	0.1835	0.1887	0.1788
1966	9	0.0609	0.0587	0.0860	0.0807	0.0793	0.1029
1966	10	0.1050	0.0565	0.0780	0.0370	0.0393	0.0422
1966	11	0.0977	0.1320	0.1890	0.1648	0.1727	0.1614
1966	12	0.0291	0.0365	0.0424	0.0557	0.0534	0.0436
1967	1	0.0698	0.0648	0.0836	0.0538	0.0419	0.0538
1967	2	0.0313	0.0344	0.0526	0.0381	0.0444	0.0454
1967	3	0.1350	0.0997	0.1034	0.0890	0.1677	0.0958
1967	4	0.1418	0.2095	0.1822	0.2025	0.1673	0.1449
1967	5	0.0712	0.1027	0.0903	0.0863	0.1529	0.1420
1967	6	0.1222	0.1646	0.1537	0.2028	0.1142	0.1113
1967	7	0.0985	0.0715	0.0913	0.1254	0.1171	0.1340
1967	8	0.1235	0.0989	0.1261	0.1182	0.0878	0.1293
1967	9	0.0220	0.0311	0.0426	0.0374	0.0466	0.0602
1967	10	0.0417	0.0491	0.0408	0.0451	0.0378	0.0451
1967	11	0.0229	0.0274	0.0476	0.0353	0.0381	0.0480
1967	12	0.0286	0.0404	0.0562	0.0730	0.0679	0.0419
1968	1	0.0294	0.0354	0.0459	0.0855	0.0693	0.0612
1968	2	0.0680	0.0877	0.1402	0.1088	0.0725	0.1010
1968	3	0.1700	0.0643	0.1016	0.1414	0.1480	0.1645
1968	4	0.1463	0.1336	0.1025	0.0753	0.0956	0.0771
1968	5	0.1378	0.1887	0.1525	0.2042	0.2540	0.2100
1968	6	0.2286	0.2435	0.1656	0.2088	0.1709	0.1778
1968	7	0.2403	0.1348	0.1306	0.1484	0.1512	0.0926
1968	8	0.0635	0.0547	0.0761	0.0659	0.0742	0.0692
1968	9	0.0760	0.0839	0.0824	0.0600	0.0569	0.0714
1968	10	0.0870	0.0494	0.0571	0.0470	0.0420	0.0687
1968	11	0.0186	0.0291	0.0339	0.0408	0.0477	0.0560
1968	12	0.0272	0.0266	0.0305	0.0278	0.0299	0.0315
1969	1	0.0551	0.0468	0.0501	0.0518	0.0546	0.0471
1969	2	0.0240	0.0100	0.0292	0.0248	0.0220	0.0361
1969	3	0.0240	0.0445	0.0515	0.0589	0.0564	0.0575
1969	4	0.0958	0.1715	0.1685	0.1964	0.2278	0.2106
1969	5	0.1043	0.1068	0.1133	0.1511	0.1497	0.1374
1969	6	0.1476	0.2644	0.2009	0.1413	0.1860	0.1887
1969	7	0.1283	0.1637	0.1462	0.1978	0.2336	0.1301
1969	8	0.1903	0.0505	0.1023	0.0942	0.0875	0.1380
1969	9	0.0627	0.0423	0.0438	0.0191	0.0639	0.0342
1969	10	0.0568	0.0806	0.0866	0.0498	0.0452	0.0498
1969	11	0.0176	0.0181	0.0333	0.0347	0.0318	0.0373
1969	12	0.0195	0.0122	0.0181	0.0214	0.0207	0.0331
1970	1	0.0549	0.0355	0.0596	0.0466	0.0393	0.0498
1970	2	0.0172	0.0087	0.0187	0.0151	0.0197	0.0329
1970	3	0.0192	0.0324	0.0359	0.0374	0.0405	0.0375
1970	4	0.1141	0.1130	0.1084	0.1398	0.1699	0.1273
1970	5	0.3191	0.2959	0.2536	0.1907	0.2284	0.2033

Table 2.--Listing of *SRDB* (cont.)

1970	6	0.1697	0.1722	0.1763	0.2073	0.2356	0.1972
1970	7	0.2697	0.2721	0.3747	0.2879	0.3131	0.2780
1970	8	0.2577	0.1911	0.2305	0.1683	0.2048	0.3478
1970	9	0.0639	0.0740	0.0713	0.0420	0.0533	0.0501
1970	10	0.0855	0.0614	0.0552	0.0475	0.0578	0.0665
1970	11	0.0504	0.0504	0.0457	0.0585	0.0540	0.0617
1970	12	0.0404	0.0319	0.0451	0.0427	0.0397	0.0612
1971	1	0.0380	0.0342	0.0536	0.0308	0.0262	0.0411
1971	2	0.0472	0.0482	0.0583	0.0571	0.0558	0.0777
1971	3	0.0557	0.0585	0.0722	0.0543	0.0516	0.0836
1971	4	0.1207	0.1131	0.1398	0.1215	0.1196	0.1516
1971	5	0.4419	0.2693	0.2467	0.1365	0.3284	0.2215
1971	6	0.3094	0.2869	0.2441	0.2063	0.3140	0.3144
1971	7	0.2019	0.2300	0.2121	0.1348	0.2250	0.2562
1971	8	0.1337	0.1378	0.1711	0.1884	0.1243	0.1843
1971	9	0.0660	0.0534	0.0427	0.0351	0.0531	0.0487
1971	10	0.0652	0.0333	0.0282	0.0229	0.0281	0.0277
1971	11	0.0500	0.0384	0.0408	0.0307	0.0333	0.0434
1971	12	0.0170	0.0275	0.0288	0.0287	0.0287	0.0254
1972	1	0.0410	0.0167	0.0352	0.0252	0.0244	0.0310
1972	2	0.0329	0.0231	0.0484	0.0349	0.0321	0.0691
1972	3	0.0574	0.0572	0.0590	0.0622	0.0710	0.0714
1972	4	0.0315	0.0684	0.0576	0.0841	0.1039	0.0643
1972	5	0.0851	0.1000	0.0991	0.1021	0.1408	0.1614
1972	6	0.0533	0.0518	0.0624	0.0633	0.0839	0.1301
1972	7	0.0925	0.0692	0.0626	0.0478	0.0629	0.0653
1972	8	0.0524	0.0627	0.0591	0.0404	0.0399	0.0428
1972	9	0.0183	0.0224	0.0137	0.0137	0.0248	0.0139
1972	10	0.0110	0.0149	0.0150	0.0196	0.0141	0.0186
1972	11	0.0118	0.0118	0.0117	0.0177	0.0224	0.0247
1972	12	0.0281	0.0379	0.0482	0.0461	0.0377	0.0522
1973	1	0.0075	0.0076	0.0107	0.0079	0.0086	0.0114
1973	2	0.0275	0.0269	0.0327	0.0362	0.0340	0.0459
1973	3	0.0221	0.0289	0.0286	0.0494	0.0447	0.0345
1973	4	0.0244	0.0426	0.0260	0.0250	0.0346	0.0523
1973	5	0.0485	0.0750	0.0588	0.0434	0.0576	0.0540
1973	6	0.0281	0.0234	0.0251	0.0271	0.0329	0.0220
1973	7	0.0365	0.0294	0.0340	0.0294	0.0371	0.0237
1973	8	0.0181	0.0119	0.0138	0.0087	0.0105	0.0096
1973	9	0.0116	0.0097	0.0067	0.0043	0.0061	0.0107
1973	10	0.0101	0.0124	0.0134	0.0129	0.0138	0.0145
1973	11	0.0490	0.0414	0.0562	0.0812	0.0651	0.0690
1973	12	0.0176	0.0240	0.0238	0.0273	0.0297	0.0400
1974	1	0.0144	0.0150	0.0226	0.0203	0.0196	0.0189
1974	2	0.0154	0.0194	0.0255	0.0328	0.0247	0.0239
1974	3	0.0556	0.0893	0.0712	0.1133	0.1376	0.1265
1974	4	0.1120	0.1199	0.1208	0.1237	0.1209	0.1149
1974	5	0.1423	0.1633	0.1446	0.1855	0.1838	0.1884
1974	6	0.1429	0.1684	0.1261	0.1101	0.1380	0.1476

Table 2.--Listing of SRDB (cont.)

1974	7	0.0988	0.0770	0.0807	0.0469	0.0418	0.0946
1974	8	0.1104	0.0887	0.0655	0.0485	0.0726	0.0712
1974	9	0.0630	0.0525	0.0710	0.0493	0.0527	0.0665
1974	10	0.0354	0.0267	0.0408	0.0163	0.0169	0.0254
1974	11	0.0245	0.0206	0.0226	0.0299	0.0329	0.0329
1974	12	0.0168	0.0221	0.0245	0.0332	0.0397	0.0396
1975	1	0.0483	0.0370	0.0555	0.0484	0.0455	0.0392
1975	2	0.0248	0.0347	0.0471	0.0497	0.0556	0.0584
1975	3	0.0612	0.0728	0.0705	0.0881	0.0798	0.0979
1975	4	0.0375	0.0737	0.0586	0.0674	0.0525	0.0529
1975	5	0.0430	0.0576	0.0550	0.0478	0.0593	0.0500
1975	6	0.0541	0.0520	0.0399	0.0527	0.0546	0.0451
1975	7	0.0426	0.0388	0.0483	0.0398	0.0437	0.0537
1975	8	0.0104	0.0283	0.0175	0.0308	0.0278	0.0171
1975	9	0.0155	0.0144	0.0185	0.0154	0.0172	0.0252
1975	10	0.0137	0.0061	0.0096	0.0053	0.0109	0.0128
1975	11	0.0212	0.0181	0.0185	0.0154	0.0133	0.0164
1975	12	0.0069	0.0083	0.0094	0.0140	0.0129	0.0141
1976	1	0.0086	0.0062	0.0098	0.0112	0.0096	0.0113
1976	2	0.0059	0.0062	0.0084	0.0080	0.0092	0.0085
1976	3	0.0265	0.0305	0.0308	0.0317	0.0291	0.0303
1976	4	0.0140	0.0229	0.0141	0.0240	0.0205	0.0253
1976	5	0.0081	0.0341	0.0309	0.0318	0.0280	0.0407
1976	6	0.0186	0.0110	0.0134	0.0166	0.0168	0.0204
1976	7	0.0132	0.0135	0.0133	0.0246	0.0193	0.0194
1976	8	0.0055	0.0053	0.0071	0.0071	0.0079	0.0111
1976	9	0.0049	0.0039	0.0086	0.0083	0.0093	0.0086
1976	10	0.0027	0.0030	0.0038	0.0045	0.0047	0.0073
1976	11	0.0053	0.0030	0.0065	0.0047	0.0032	0.0051
1976	12	0.0067	0.0031	0.0066	0.0057	0.0041	0.0068
1977	1	0.0061	0.0037	0.0081	0.0073	0.0049	0.0091
1977	2	0.0065	0.0043	0.0076	0.0063	0.0061	0.0062
1977	3	0.0292	0.0320	0.0243	0.0279	0.0311	0.0281
1977	4	0.0319	0.0411	0.0293	0.0474	0.0578	0.0405
1977	5	0.0631	0.0409	0.0349	0.0314	0.0462	0.0423
1977	6	0.1243	0.0972	0.0703	0.0826	0.1057	0.0814
1977	7	0.0731	0.0762	0.0744	0.0647	0.0942	0.0734
1977	8	0.0959	0.0774	0.0914	0.0627	0.0954	0.0998
1977	9	0.0576	0.0510	0.0528	0.0694	0.0621	0.0661
1977	10	0.0387	0.0343	0.0404	0.0363	0.0322	0.0540
1977	11	0.0454	0.0435	0.0534	0.0508	0.0440	0.0643
1977	12	0.0311	0.0311	0.0373	0.0436	0.0471	0.0547
1978	1	0.0226	0.0333	0.0465	0.0634	0.0565	0.0806
1978	2	0.0127	0.0089	0.0119	0.0096	0.0093	0.0145
1978	3	0.0305	0.0245	0.0392	0.0546	0.0619	0.0600
1978	4	0.0531	0.1053	0.0638	0.0837	0.1252	0.0854
1978	5	0.1271	0.1217	0.1009	0.1034	0.1150	0.0893
1978	6	0.1297	0.1399	0.1094	0.0963	0.1199	0.1004
1978	7	0.1126	0.0941	0.0687	0.0440	0.0563	0.0554

Table 2.--Listing of SRDB (cont.)

1978	8	0.0704	0.0679	0.0615	0.0291	0.0470	0.0572
1978	9	0.0245	0.0429	0.0434	0.0338	0.0247	0.0345
1978	10	0.0113	0.0144	0.0149	0.0130	0.0181	0.0176
1978	11	0.0166	0.0152	0.0167	0.0164	0.0150	0.0151
1978	12	0.0129	0.0131	0.0198	0.0177	0.0179	0.0212
1979	1	0.0073	0.0124	0.0148	0.0127	0.0159	0.0235
1979	2	0.0103	0.0067	0.0083	0.0043	0.0096	0.0105
1979	3	0.0264	0.0242	0.0213	0.0182	0.0144	0.0156
1979	4	0.0164	0.0246	0.0335	0.0391	0.0355	0.0302
1979	5	0.0415	0.0321	0.0323	0.0397	0.0434	0.0381
1979	6	0.0470	0.0460	0.0404	0.0290	0.0355	0.0267
1979	7	0.0306	0.0285	0.0273	0.0310	0.0324	0.0194
1979	8	0.0161	0.0202	0.0176	0.0114	0.0199	0.0188
1979	9	0.0092	0.0028	0.0058	0.0057	0.0120	0.0141
1979	10	0.0110	0.0086	0.0107	0.0066	0.0064	0.0099
1979	11	0.0040	0.0052	0.0060	0.0080	0.0060	0.0062
		0.0038	0.0036	0.0056	0.0070	0.0063	0.0062
1980	1	0.0075	0.0047	0.0064	0.0035	0.0033	0.0045
1980	2	0.0024	0.0022	0.0030	0.0025	0.0030	0.0029
		0.0050	0.0044	0.0083	0.0115	0.0135	0.0137
1980	4	0.0053	0.0101	0.0128	0.0120	0.0104	0.0136
1980	5	0.0115	0.0151	0.0145	0.0169	0.0184	0.0105
		0.0154	0.0247	0.0223	0.0209	0.0247	0.0242
1980	7	0.0157	0.0163	0.0165	0.0221	0.0211	0.0183
1980	8	0.0135	0.0169	0.0102	0.0108	0.0155	0.0089
		0.0085	0.0077	0.0074	0.0065	0.0053	0.0057
1980	10	0.0058	0.0045	0.0061	0.0055	0.0055	0.0086
1980	11	0.0025	0.0022	0.0035	0.0019	0.0028	0.0049
		0.0059	0.0057	0.0073	0.0067	0.0055	0.0075
