CLIMATOLOGICAL SUMMARY

Neosho, Missouri

U.S. Department of Commerce, Weather Bureau in cooperation with University of Missouri Agricultural Experiment Station, Columbia, Missouri Climatography of the U.S. No. 20-23.

Latitude 36°52'N, Latitude 94°22', Elevation 1011 M.S.L.

Neosho is in the southwest corner of Missouri, on the northern edge of the Ozarks. Weather observations were begun on a systematic basis there in January of 1878. Since October 1, 1909, the staff of the U.S. Fisheries installation in Neosho has served as official weather observers. The weather equipment has been located at the site of the fish-rearing ponds during this entire period. The U.S. Fisheries facility in Neosho is situated on a comparatively flat space. The terrain just to the west of the station is rolling.

These official weather data accumulated over the years at Neosho are especially valuable, since there are no breaks in the time series, and no discontinuities because of changes in location.

The summaries presented in this bulletin were compiled in the University of Missouri Computer Center, using a deck of punched cards that are available through a cooperative arrangement between the University and the U.S. Weather Bureau. In addition to the usual averages, it was possible to compute additional statistics that are of interest. These include the variance of temperatures, and the identification of temperature extremes, plus the computation of heating degree days for the earlier portion of the record. (The variances presented are the average "within month" values.)

Climatological Summary for Neosho, Missouri

Temperature Summary

Month	Average Daily			Variance of Daily			Average Number of Days					
							Maximum			Minimum		
	Max.	Min.	Mean	Max.	Min.	Mean	32°or less	50°or more	90°or more	0°or less	32°or less	50°or less
J	48.2	25.5	36.8	141.5	127.2	112.9	3.9	15.5	0.0	.8	23.0	30.2
F	52.4	28.4	40.4	140.0	113.2	102.4	1.7	17.6	0.0	.4	18.8	27.5
M	60.1	34.7	47.4	143.1	115.6	107.2	.7	24.3	0.0	.1	14.2	27.9
A	71.2	45.4	58.3	99.0	109.9	84.6	0.0	28.7	0.1	0.0	3.8	19.7
M	78.7	53.7	66.2	53.7	74.1	49.9	0.0	31.0	0.8	0.0	.3	10.9
J	87.2	63.1	75.1	27.4	43.1	27.7	0.0	30.0	11.0	0.0	0.0	2.0
J	91.9	66.5	79.2	22.0	28.6	18.4	0.0	31.0	21.1	0.0	0.0	.3
A	91.7	65.3	78.5	27.4	42.9	25.5	0.0	31.0	21.0	0.0	0.0	.8
S	85.2	57.0	71.1	52.2	80.1	51.9	0.0	30.0	9.9	0.0	0.1	8.0
O	74.5	46.5	60.5	76.3	98.0	67.7	0.0	31.7	.9	0.0	2.7	20.0
N	59.8	34.5	47.1	120.3	131.2	103.1	0.4	24.4	0.0	0.0	14.3	26.6
D	50.3	28.1	39.2	111.4	110.4	90.2	1.6	16.7	0.0	.3	21.1	30.0
Yr.	71.0	45.8	58.4	-----	-----	-----	8.3	311.9	64.8	1.6	98.3	203.9

* Denotes measureable amount, but less than 0.05

Precipitation Summary

Month	Average Heating Degree Days	Average Total	Average Snow-fall	Average Number of Days			
				0.1 in. or more	0.2 in. or more	0.5 in. or more	1.0 in. or more
J	873	2.02	2.5	4.2	3.1	1.2	.4
F	696	2.24	1.9	4.6	3.4	1.5	.5
M	551	3.07	1.8	5.7	4.5	2.0	.7
A	238	4.72	.3	6.7	5.4	3.2	1.4
M	76	5.76	0.0	7.4	6.1	3.5	1.6
J	5	5.35	0.0	6.8	5.7	3.8	1.8
J	*	3.08	0.0	4.4	3.5	1.9	1.1
A	1	3.31	0.0	4.8	3.9	2.4	.8
S	33	4.54	0.0	5.1	4.3	2.9	1.4
O	188	3.79	0.0	5.3	4.0	2.6	1.1
N	541	2.63	1.0	4.2	3.5	2.0	.7
D	799	2.26	1.7	4.0	2.9	1.6	.4
Yr.	4000	42.77	9.5	63.2	50.3	28.8	11.8

Record of the Highest and Lowest of Record Daily Temperatures and Highest Daily Precipitation

	Maximum Temperature					Minimum Temperature					Precipitation for a day				
Month	Fifth Highest	Fourth Highest	Third Highest	Second Highest	Highest of Record	Fifth Lowest	Fourth Lowest	Third Lowest	Second Lowest	Lowest of Record	Fifth Highest	Fourth Highest	Third Highest	Second Highest	Highest of Record
J	74	74	75	75	75	-6	-8	-9	-10	-10	1.35	1.36	1.47	1.71	1.94
F	77	77	78	78	81	-5	-10	-11	-11	-13	1.53	1.54	1.76	1.92	2.01
M	84	84	85	85	88	4	-1	-3	-9	-11	1.82	1.83	1.95	2.47	2.91
A	89	90	90	90	92	19	19	18	18	6	2.90	3.55	3.62	3.90	5.19
M	91	92	92	94	97	32	32	31	28	28	3.81	4.45	4.97	5.01	5.36
J	101	101	101	101	101	42	42	41	41	40	2.96	3.41	3.79	3.95	4.60
J	108	110	110	110	112	49	49	48	47	47	2.05	2.81	2.85	2.95	2.98
A	105	105	107	109	109	46	46	46	45	40	2.53	2.96	3.24	3.50	3.83
S	104	104	104	105	105	33	33	32	31	29	2.96	3.06	3.25	3.42	6.17
O	92	92	92	93	95	20	20	19	19	17	2.61	2.93	3.00	3.60	4.55
N	81	81	83	83	83	8	7	7	5	4	1.52	1.58	1.61	2.27	2.60
D	75	75	75	78	79	-4	-4	-6	-8	-8	1.47	1.54	1.57	1.86	6.48

Snowfall for a Day

	Daily Snowfall					Depth of Snow on Ground				
Month	Fifth Greatest	Fourth Greatest	Third Greatest	Second Greatest	Greatest of Record	Fifth Greatest	Fourth Greatest	Third Greatest	Second Greatest	Greatest of Record
J	4.0	4.0	5.0	6.0	6.5	7	8	9	9	10
F	3.0	3.0	6.0	6.5	7.0	3	3	4	6	7
M	3.0	4.0	4.0	5.0	5.5	3	4	4	4	6
A	0.0	0.0	0.2	3.0	6.0	0	0	0	0	3
M	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0
J	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0
J	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0
A	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0
S	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0
O	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0
N	3.6	4.0	4.5	5.0	5.8	4	4	5	8	11
D	4.0	4.0	4.5	5.0	5.0	2	2	4	4	4

Total Monthly and Annual Precipitation

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1931	0.73	2.77	2.12	5.15	3.28	1.93	4.62	6.76	1.42	4.43	5.80	0.56	39.57
1932	4.58	1.22	2.25	1.98	3.34	6.02	3.34	1.18	1.80	2.95	2.18	7.58	38.42
1933	3.30	0.68	2.36	5.73	11.38	0.47	2.99	5.21	6.69	4.18	1.06	2.58	46.63
1934	1.62	1.39	1.78	1.64	2.30	1.69	0.54	1.90	7.10	1.92	7.18	1.38	30.44
1935	2.47	1.61	7.42	4.09	5.20	14.24	0.08	3.63	4.08	6.78	2.92	1.53	54.05
1936	0.24	1.07	1.10	3.96	2.74	1.80	1.47	0.63	9.01	4.73	2.27	3.03	32.05
1937	5.52	1.63	2.36	4.12	2.94	3.85	5.14	1.14	8.66	1.91	1.33	2.14	40.74
1938	2.53	4.14	4.80	2.25	7.58	5.90	1.78	1.14	0.53	1.10	3.39	1.12	36.26
1939	2.27	3.00	1.98	2.22	8.76	5.50	2.13	2.69	0.40	2.64	3.28	1.68	36.54
1940	0.95	1.07	1.43	6.06	0.97	4.35	2.38	8.28	4.07	2.32	5.32	2.11	39.31
1941	3.03	1.20	2.98	8.52	1.21	6.63	3.96	5.86	5.69	15.15	2.24	1.55	58.02
1942	2.51	2.19	0.94	8.55	2.11	7.87	1.52	5.70	12.35	4.74	3.23	3.59	55.30
1943	0.08	0.87	4.23	5.27	21.56	6.03	0.40	1.68	5.31	6.07	0.53	3.07	55.10
1944	0.71	4.60	4.13	4.70	4.79	7.86	3.15	5.14	2.85	4.25	2.42	1.86	46.46
1945	1.06	3.97	7.34	12.68	7.74	5.69	3.45	1.62	16.12	3.04	0.36	0.77	63.84
1946	3.60	3.41	2.05	4.34	8.66	2.03	1.37	2.82	2.10	1.05	7.40	3.17	42.00
1947	0.82	0.43	2.90	12.28	4.54	4.33	1.65	0.70	3.57	1.10	2.10	2.18	36.60
1948	0.71	2.48	4.55	1.59	4.51	11.68	8.89	4.18	1.38	0.76	3.15	1.98	45.86
1949	4.83	3.23	3.15	2.51	6.23	8.79	4.34	2.03	5.03	4.78	0.55	3.90	49.37
1950	4.86	2.13	1.33	2.78	6.08	7.46	7.96	12.53	3.41	2.42	0.07	0.27	51.30
1951	2.16	6.22	1.66	2.69	2.59	11.71	4.97	1.81	6.02	4.56	5.13	0.47	49.99
1952	1.29	2.12	2.79	2.71	4.75	0.50	2.51	6.21	0.81	0.24	3.78	1.44	29.15
1953	1.32	1.09	5.57	6.99	3.78	0.49	1.50	3.26	1.12	3.22	0.84	1.43	30.61
1954	2.91	1.47	1.50	4.36	4.31	1.05	2.01	2.17	4.76	7.40	0.37	4.04	36.35
1955	0.38	3.84	5.33	3.03	6.89	6.53	0.80	2.72	4.97	3.00	0.07	0.28	37.84
1956	1.28	1.23	0.51	2.32	5.28	3.72	5.40	1.84	0.52	2.75	2.74	2.29	29.88
1957	2.30	3.94	4.81	9.76	13.79	5.66	1.86	1.41	3.16	1.57	2.28	3.06	53.60
1958	0.64	0.72	5.32	2.80	2.66	8.74	0.00	1.38	2.41	0.92	2.68	2.51	30.78
1959	1.13	2.58	2.60	3.50	6.10	5.22	5.36	0.51	10.42	10.63	2.41	2.79	53.25
1960	0.87	0.98	0.95	3.13	6.78	3.05	6.87	3.34	0.48	3.20	2.06	3.63	35.34

Heating Degree Days
(Base 65° F.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1931	814	565	675	300	167	5	-	1	13	124	292	606
1932	713	517	705	176	70	0	0	0	39	305	693	917
1933	622	794	516	265	62	12	0	0	2	192	479	619
1934	751	739	609	201	40	0	0	0	56	123	432	913
1935	830	680	346	306	125	19	0	0	55	231	641	1009
1936	1056	1028	411	331	37	4	0	13	31	233	593	673
1937	996	742	659	239	70	2	0	0	45	235	654	910
1938	829	540	272	211	79	0	0	0	39	100	518	794
1939	695	763	407	287	51	5	0	1	15	157	590	713
1940	1389	764	514	270	95	0	1	0	75	106	597	726
1941	781	780	691	152	18	1	0	0	27	124	497	717
1942	963	775	503	146	107	1	0	0	84	182	411	803
1943	894	581	662	180	57	1	0	0	25	234	518	906
1944	796	620	555	277	64	0	0	1	17	155	427	931
1945	896	682	336	221	156	12	0	0	30	196	470	971
1946	851	558	271	124	104	21	0	5	19	126	473	609
1947	796	869	714	210	75	4	1	0	14	47	604	749
1948	1071	766	590	106	64	0	0	0	41	240	485	722
1949	931	661	526	264	16	0	0	2	84	255	510	745
1950	804	612	630	307	52	18	0	8	40	115	667	975
1951	886	652	585	361	83	4	2	0	56	259	748	871
1952	740	638	622	332	85	0	0	0	35	328	559	827
1953	746	596	389	359	115	0	0	0	17	170	518	781
1954	889	506	571	86	172	9	0	0	10	202	502	775
1955	827	726	499	121	19	23	0	0	5	217	611	863
1956	955	674	491	315	31	15	0	3	27	66	563	720
1957	955	532	563	260	50	4	0	0	46	289	593	577
1958	860	906	793	252	39	6	0	5	28	238	438	933
1959	977	729	558	277	72	3	0	0	34	258	695	702
1960	870	882	879	201	112	0	0	0	8	124	457	929

Total Snowfall
(Inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1931	4.1	0	4.0	0								
1932	0	0	3.5	0	0	0	0	0	0	0	2.0	6.0
1933	0	1.5	0	0	0	0	0	0	0	0	0	0
1934	0	0	9	0	0	0	0	0	0	0	4.5	1.8
1935	0.5	0	0	0	0	0	0	0	0	0	0	0.5
1936	0	0.8	0	0	0	0	0	0	0	0	0	0
1937	6.5	0.5	2.1	0	0	0	0	0	0	0	3.8	0.3
1938	0	2.0	0	3.2	0	0	0	0	0	0	0	0
1939	7.2	1.7	0	0	0	0	0	0	0	0	0	2.8
1940	7.0	1.0	1.0	0	0	0	0	0	0	0	0	0
1941	1.0	4.3	9.5	0	0	0	0	0	0	0	0	0
1942	3.9	5.0	0	0	0	0	0	0	0	0	0	4.0
1943	.5	0	4.2	0	0	0	0	0	0	0	0	4.0
1944	2.0	7.0	1.0	0	0	0	0	0	0	0	0	1.5
1945	5.0	4.2	0.5	0	0	0	0	0	0	0	0	6.5
1946	0	1.5	0	0	0	0	0	0	0	0	0	0
1947	2.5	4.0	1.2	0	0	0	0	0	0	0	0	0
1948	6.3	9.7	5.7	0	0	0	0	0	0	0	0	0
1949	9.7	0.5	5.5	0	0	0	0	0	0	0	0	0.5
1950	2.3	0	0	0	0	0	0	0	0	0	0	0
1951	2.0	0	1.5	0	0	0	0	0	0	0	16.8	0
1952	5.0	2.0	0	0	0	0	0	0	0	0	1.0	0
1953	0	0	0	0	0	0	0	0	0	0	0	5
1954	0	0	1.0	0	0	0	0	0	0	0	0	5.0
1955	1.0	0	2.9	0	0	0	0	0	0	0	0	1.5
1956	6.5	1.0	1.0	0	0	0	0	0	0	0	0	0
1957	0	0	0	6.0	0	0	0	0	0	0	1.0	0
1958	0	2.0	8.0	0	0	0	0	0	0	0	0	17.5
1959	3.0	0	0	0	0	0	0	0	0	0	2.0	0
1960	1.0	11.0	3.0	0	0	0	0	0	0	0	0	0

Highest Daily Maximum Temperature

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1931	68	66	68	80	92	100	100	95	100	91	81	70
1932	71	75	81	85	89	92	99	97	99	87	71	68
1933	69	78	79	85	87	98	100	93	93	84	80	75
1934	66	76	78	85	97	100	107	105	92	84	75	57
1935	69	75	79	80	88	90	97	104	92	82	76	58
1936	68	72	79	89	87	101	110	109	100	83	78	65
1937	58	71	71	88	90	97	100	101	95	91	83	59
1938	72	76	83	86	90	91	99	101	97	92	81	68
1939	70	67	81	85	91	90	100	100	105	95	73	73
1940	52	76	85	88	87	90	96	96	91	91	71	71
1941	67	62	72	86	90	92	100	95	92	87	83	68
1942	72	73	80	83	89	94	98	98	92	86	79	64
1943	74	73	80	86	88	95	103	100	96	82	77	63
1944	73	78	78	83	89	94	98	98	93	89	79	62
1945	63	71	83	84	89	92	97	95	97	82	83	63
1946	60	73	88	92	85	93	102	103	93	87	70	74
1947	75	68	72	86	90	93	103	105	105	92	71	71
1948	66	76	81	87	88	93	95	96	94	83	79	79
1949	66	69	78	88	91	94	98	98	92	83	80	74
1950	75	71	77	81	85	96	87	95	85	87	81	70
1951	73	71	76	88	90	91	94	103	100	91	73	73
1952	72	70	81	87	89	101	101	101	96	92	79	65
1953	72	68	83	87	92	101	99	100	101	93	74	66
1954	70	77	81	87	87	99	112	103	101	90	80	65
1955	68	75	84	90	88	92	98	97	97	85	81	78
1956	72	81	85	86	90	94	98	104	99	89	76	75
1957	74	70	75	83	88	95	100	100	94	85	74	68
1958	62	73	66	89	87	92	95	95	92	85	79	65
1959	65	67	81	88	90	96	95	99	94	80	73	68
1960	70	75	82	84	88	93	98	97	95	90	76	67

Lowest Daily Minimum Temperature

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1931	-4	15	20	26	32	42	53	48	40	32	23	17
1932	10	12	8	32	35	56	63	49	37	26	4	-8
1933	13	-11	18	31	40	40	55	54	44	33	24	17
1934	2	6	11	33	39	51	58	55	38	27	23	9
1935	-3	9	19	28	38	43	57	50	38	34	20	9
1936	-3	-11	25	18	42	44	51	46	43	31	17	16
1937	4	10	21	26	38	51	55	59	35	19	9	1
1938	6	16	24	25	37	52	57	58	32	22	9	11
1939	13	4	21	23	40	41	53	46	37	23	17	4
1940	-10	15	20	24	39	50	49	52	33	32	5	19
1941	4	13	11	36	42	50	51	53	39	29	19	18
1942	-3	-10	21	28	34	54	53	52	29	21	22	20
1943	-8	9	-9	31	42	51	53	47	42	27	23	0
1944	-4	8	19	19	32	50	47	52	45	31	20	5
1945	8	16	14	24	32	48	53	51	43	33	18	-8
1946	7	16	23	30	33	42	52	47	36	29	23	6
1947	-5	3	4	30	36	44	47	64	41	36	17	11
1948	1	10	-11	27	35	47	56	52	39	21	16	11
1949	-5	4	21	24	41	52	57	46	31	27	17	12
1950	6	11	17	19	40	44	55	41	40	38	4	-4
1951	2	-13	15	25	34	53	51	57	39	32	9	0
1952	11	13	18	27	31	49	50	54	37	17	9	12
1953	10	14	22	24	37	55	55	50	35	29	19	6
1954	-4	16	11	30	29	43	58	56	40	26	20	5
1955	8	4	6	27	43	48	62	51	46	25	11	7
1956	7	18	15	25	42	42	48	45	38	32	10	18
1957	7	20	14	6	34	48	55	50	33	19	11	12
1958	9	4	18	32	35	44	52	48	38	24	15	-6
1959	-9	9	18	24	34	45	50	51	38	26	7	14
1960	6	3	5	26	28	48	53	53	38	24	12	5

Largest Daily Snowfall

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1931	4.0	0	4.0	0	0	0	0	0	0	0	0	0
1932	0	0	2.0	0	0	0	0	0	0	0	2.0	3.0
1933	0	1.5	0	0	0	0	0	0	0	0	0	0
1934	0	0	0.9	0	0	0	0	0	0	0	4.5	1.0
1935	0.5	0	0	0	0	0	0	0	0	0	0	0.5
1936	0	0.8	0	0	0	0	0	0	0	0	0	0
1937	6.5	0.5	2.1	0	0	0	0	0	0	0	3.6	0.2
1938	0	2.0	0	3.0	0	0	0	0	0	0	0	0
1939	3.2	1.1	0	0	0	0	0	0	0	0	0	2.0
1940	3.0	0.8	1.0	0	0	0	0	0	0	0	0	0
1941	1.0	2.5	5.5	0	0	0	0	0	0	0	0	0
1942	2.0	3.0	0	0	0	0	0	0	0	0	0	4.0
1943	0.5	0	2.2	0	0	0	0	0	0	0	0	3.5
1944	2.0	7.0	0.5	0	0	0	0	0	0	0	0	1.5
1945	2.5	3.0	0.5	0	0	0	0	0	0	0	0	4.0
1946	0	1.5	0	0	0	0	0	0	0	0	0	0
1947	2.0	3.0	1.0	0	0	0	0	0	0	0	0	0
1948	6.0	6.5	3.0	0	0	0	0	0	0	0	0	0
1949	4.0	0.5	4.0	0	0	0	0	0	0	0	0	0.5
1950	1.0	0	0	0	0	0	0	0	0	0	0	0
1951	2.0	0	1.5	0	0	0	0	0	0	0	5.8	0
1952	2.0	1.0	0	0	0	0	0	0	0	0	1.0	0
1953	0	0	0	0	0	0	0	0	0	0	0	0.5
1954	0	0	1.0	0	0	0	0	0	0	0	0	5.0
1955	1.0	0	2.5	0	0	0	0	0	0	0	0	1.5
1956	5.0	1.0	1.0	0	0	0	0	0	0	0	0	0
1957	0	0	0	6.0	0	0	0	0	0	0	1.0	0
1958	0	2.0	5.0	0	0	0	0	0	0	0	0	5.0
1959	3.0	0	0	0	0	0	0	0	0	0	2.0	0
1960	1.0	6.6	2.0	0	0	0	0	0	0	0	0	0

Largest Daily Precipitation

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1931	.25	.80	.60	1.03	1.27	.88	2.85	3.83	.72	1.45	1.44	.18
1932	1.06	.68	.82	.64	2.57	1.82	1.02	.60	1.27	2.10	.63	6.48
1933	1.36	.30	.64	1.78	5.01	.47	1.92	2.52	2.44	.97	.61	1.35
1934	.73	.61	.62	.43	.89	.83	.25	.67	.26	.78	1.15	.58
1935	.83	.63	2.47	1.20	1.95	2.67	.05	1.10	2.37	1.00	.90	1.47
1936	.15	.60	.53	2.15	1.28	1.35	1.40	.61	2.96	1.11	2.27	.98
1937	1.04	.90	.96	2.59	1.43	2.25	2.05	.97	3.42	.79	.51	.52
1938	.87	1.14	1.26	.95	2.80	1.71	.80	.63	.21	.78	1.61	.40
1939	.57	1.08	.45	1.15	2.57	1.06	1.05	1.12	.38	1.24	.92	.95
1940	.29	.24	.55	1.45	.58	1.42	1.23	2.53	3.06	1.09	1.58	.88
1941	1.20	.47	1.80	2.90	.60	3.41	1.81	1.62	1.63	3.60	1.25	.51
1942	1.33	.66	.37	3.55	.60	1.47	1.04	2.96	2.87	3.00	1.31	1.13
1943	.05	.85	.83	1.85	5.36	1.49	.30	.93	1.86	2.31	.42	.79
1944	.48	1.47	1.55	1.40	1.48	3.95	2.00	1.80	1.23	2.28	.50	.98
1945	.32	1.08	1.48	5.19	2.21	1.67	1.43	1.26	6.17	1.93	.30	.23
1946	1.71	2.01	.38	1.48	3.81	1.44	1.30	2.00	.80	.52	2.60	1.57
1947	.36	.36	1.62	3.90	1.82	1.02	.65	.45	2.21	.62	.63	1.86
1948	.55	.74	1.33	.58	1.93	3.79	2.81	1.00	.66	.29	1.34	.86
1949	1.14	1.92	1.10	1.43	1.15	2.00	1.72	1.73	2.16	2.40	.55	.74
1950	1.94	1.18	.74	1.75	3.09	2.36	2.98	3.50	1.74	2.11	.05	.19
1951	.99	1.38	.77	.85	.86	2.96	1.28	.56	2.06	1.03	1.36	.20
1952	.67	.86	1.17	.88	2.98	.50	.55	1.95	.80	.24	1.42	.98
1953	1.10	.42	1.74	1.88	1.23	.39	.95	1.57	.60	1.38	.48	.65
1954	1.35	.79	.70	1.91	1.39	.65	1.99	.71	2.06	2.93	.24	1.54
1955	.23	1.76	2.91	.88	1.23	1.46	.32	1.29	1.82	1.87	.07	.28
1956	.36	.69	.16	.88	2.25	1.26	2.95	.85	.50	.77	.94	1.17
1957	.81	1.53	1.95	2.10	4.97	1.42	1.12	.62	.90	.62	.84	1.30
1958	.37	.43	1.82	.63	.65	4.60	0	.84	1.12	.68	.96	.68
1959	.76	1.54	1.83	1.99	1.58	2.00	1.70	.12	3.25	4.55	1.46	1.20
1960	.52	.29	.33	1.67	1.77	1.07	1.98	1.29	.13	1.10	1.08	1.19