

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1931	1.01	2.44	2.09	3.83	5.39	3.64	4.02	3.79	3.46	2.49	1.57	2.66	36.39
1932	3.99	0.83	4.25	0.69	2.71	1.17	4.20	1.81	1.10	2.59	3.59	2.28	29.21
1933	1.79	1.55	6.97	4.51	5.32	1.88	4.94	3.25	3.12	0.43	1.18	1.38	39.35
1934	2.89	1.15	2.31	2.38	1.27	4.17	2.05	8.34	3.59	1.11	2.65	1.00	31.81
1935	2.99	3.52	2.79	2.31	4.93	3.27	1.90	5.91	3.52	1.74	2.54	2.82	37.04
1936	3.20	1.73	6.96	2.90	0.86	2.32	4.27	4.09	1.29	3.78	3.24	3.51	38.15
1937	7.46	1.50	1.40	6.93	2.75	3.48	6.10	3.25	3.14	5.11	1.37	2.72	45.22
1938	1.82	2.86	3.26	3.52	4.06	3.43	2.80	2.05	3.78	0.95	2.47	1.14	32.14
1939	2.82	5.16	3.77	4.41	1.40	7.68	2.80	1.75	1.67	2.65	0.57	1.62	36.30
1940	0.52	2.99	4.20	5.35	4.75	4.83	3.84	5.59	2.39	1.39	3.67	2.59	42.11
1941	2.57	0.32	1.12	1.94	3.26	5.84	5.29	6.96	3.17	3.43	1.94	1.90	37.74
1942	1.64	2.28	4.52	3.15	5.05	1.39	2.06	3.62	4.12	2.71	2.95	5.30	43.46
1943	2.46	1.34	2.75	3.44	6.94	3.38	4.20	3.33	0.46	2.71	1.84	1.28	33.6
1944	1.60	2.08	5.77	4.08	3.59	3.98	3.82	3.62	1.67	4.50	2.32	4.90	41.93
1945	2.07	2.19	6.71	4.49	3.90	3.16	2.90	2.85	8.12	1.82	4.61	1.67	45.09
1946	0.60	2.13	2.45	1.75	3.95	4.56	3.33	3.06	1.75	3.71	0.91	2.25	30.45
1947	2.99	1.59	2.21	2.90	4.63	5.82	5.92	4.15	1.39	1.39	3.61	1.14	37.74
1948	2.04	1.86	3.45	6.49	3.89	7.80	5.30	3.91	1.96	3.00	3.08	3.31	46.09
1949	4.21	2.32	3.08	2.95	3.50	4.72	4.68	6.97	1.81	1.69	1.26	2.84	37.88
1950	5.35	2.68	2.91	1.51	3.40	4.72	5.28	3.46	5.62	1.41	6.17	1.94	44.45
1951	3.50	2.55	3.91	4.62	4.56	6.04	3.59	0.20	2.51	0.94	3.47	2.88	37.86
1952	4.35	1.96	3.94	3.97	4.74	5.29	2.92	2.02	1.42	1.28	1.51	2.63	36.03
1953	2.81	1.34	3.25	3.00	5.12	1.62	4.38	2.27	3.43	1.06	0.94	1.02	31.24
1954	3.10	1.02	2.85	3.91	2.99	3.68	3.13	7.29	1.95	7.15	0.66	2.73	39.46
1955	0.73	3.75	4.87	3.14	2.65	3.97	5.58	5.11	2.11	3.67	3.11	0.21	38.90
1956	1.92	5.57	6.36	4.62	4.56	5.13	5.42	7.38	4.17	1.39	1.00	3.33	50.85
1957	1.75	1.77	2.61	4.67	2.60	3.88	2.75	0.72	2.65	2.65	1.82	4.38	33.25
1958	2.95	1.79	2.02	2.74	4.05	2.58	7.13	3.61	4.24	1.13	2.27	1.00	35.51
1959	3.85	2.43	2.34	3.98	2.92	2.25	3.50	4.12	0.48	3.40	2.48	2.58	34.33
1960	3.38	3.61	1.94	1.23	5.63	4.19	3.15	2.72	3.82	1.64	1.62	1.74	34.67
1961	2.33	3.73	3.62	6.49	2.88	4.22	3.16	1.91	3.23	3.32	3.59	2.31	40.79
1962	2.49	2.97	3.42	4.18	2.15	0.89	2.73	1.96	5.49	2.50	1.13	2.06	31.97
1963	1.56	1.96	5.26	1.83	1.70	2.84	2.21	1.01	3.09	3.09	1.83	1.41	27.08
1964	2.51	2.14	4.59	5.17	1.82	4.46	4.54	3.80	1.91	1.82	2.83	3.46	33.7
1965	3.27	1.88	3.55	2.72	3.14	1.77	0.76	3.74	3.85	2.68	2.68	0.56	30.60

SNOWFALL

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1931	34.4	36.6	38.4	51.8	62.0	71.6	78.3	74.4	71.8	58.8	52.4	43.1	56.1
1932	44.2	40.2	35.9	49.9	62.6	72.8	74.9	74.9	69.8	56.8	43.0	36.9	55.2
1933	41.8	35.1	40.4	53.9	66.2	75.6	76.6	75.7	73.0	55.8	42.5	38.2	56.2
1934	36.4	23.0	37.8	52.1	65.2	77.0	79.2	71.9	68.4	55.5	48.0	29.1	54.3
1935	33.6	34.0	48.5	50.6	58.5	71.2	77.6	74.9	66.4	56.2	45.9	29.8	53.9
1936	26.1	26.4	44.6	48.7	64.9	71.8	77.0	76.9	70.5	57.2	42.0	39.8	53.8
1937	42.6	35.2	38.6	51.0	62.8	72.3	74.4	76.8	65.0	53.8	42.9	32.6	54.0
1938	33.6	39.8	44.0	54.4	62.0	69.0	77.0	77.0	66.6	57.2	46.5	35.6	55.3
1939	35.8	37.4	48.0	50.2	66.0	73.7	74.4	75.0	70.0	57.2	43.2	37.2	55.6
1940	20.2	33.1	37.2	49.4	61.7	71.8	74.8	73.7	64.1	55.0	44.3	41.0	52.2
1941	32.0	29.6	33.9	58.0	63.4	72.4	76.0	71.6	69.2	60.7	46.5	39.8	54.4
1942	32.4	30.8	43.4	55.2	61.7	74.0	76.6	73.7	66.8	58.6	45.2	31.0	54.4
1943	34.6	35.1	41.2	46.9	63.8	77.1	76.6	73.6	65.2	53.7	41.7	32.0	53.4
1944	35.2	35.8	39.7	50.7	70.0	74.6	75.4	74.6	67.1	55.4	44.9	30.5	54.5
1945	25.8	35.4	53.2	56.7	59.4	70.2	75.0	73.3	68.8	54.4	45.9	29.5	54.0
1946	34.6	34.8	45.3	51.4	61.6	70.8	74.4	69.1	67.6	59.3	48.6	39.0	55.3
1947	33.2	25.6	35.1	56.0	61.2	70.8	72.6	78.5	68.5	53.2	43.0	35.2	54.0
1948	25.2	36.8	47.0	56.6	62.4	72.4	75.9	73.7	68.6	53.8	51.3	33.3	55.7
1949	41.8	42.2	43.4	51.9	63.9	74.4	79.5	75.0	63.9	61.9	45.1	30.8	56.9
1950	45.8	36.4	39.3	49.8	64.3	70.1	72.6	72.2	66.3	59.6	42.2	30.9	54.1
1951	36.2	38.1	43.1	51.8	64.1	72.4	75.3	73.1	67.1	58.9	40.4	37.4	54.8
1952	38.3	38.4	42.9	54.3	61.6	74.5	77.5	73.8	67.2	52.5	48.5	33.3	55.6
1953	38.6	38.4	44.9	51.5	60.7	74.2	76.5	74.5	68.1	58.6	46.7	39.2	56.9
1954	34.4	41.4	41.8	50.7	60.7	73.5	74.8	73.4	70.2	59.1	45.2	35.1	55.9
1955	31.1	35.2	44.6	59.8	66.3	80.0	79.6	78.2	69.8	57.5	43.3	33.2	55.6
1956	30.8	38.5	41.8	51.7	62.8	71.6	74.3	73.3	65.2	60.3	46.8	43.5	55.1
1957	29.5	39.6	42.7	56.7	65.5	75.1	75.5	73.0	68.5	53.2	46.8	39.0	55.4
1958	30.4	26.6	39.2	54.5	60.8	67.0	74.1	71.1	65.7	55.1	47.6	26.4	51.6
1959	28.7	35.7	40.9	54.6	66.9	70.7	74.8	76.7	63.7	56.3	42.2	37.9	54.6
1960	34.2	32.0	29.8	57.1	59.9	69.0	70.1	72.3	67.0	53.8	44.2	26.2	51.3
1961	24.8	36.0	43.3	45.3	56.7	66.3	70.6	71.0	68.1	54.7	43.4	31.7	51.0
1962	27.8	34.3	41.1	51.9	67.9	71.9	72.1	73.3	62.9	56.4	43.5	28.8	52.7
1963	27.1	26.3	45.8	53.3	61.2	69.5	72.3	69.5	64.0	60.5	47.1	25.9	51.9
1964	33.7	31.1	43.1	55.0	65.4	70.9	73.8	69.6	66.2	52.1	47.6	38.0	53.9
1965	30.9	33.2	37.6	51.5	67.0	68.1	71.5	71.4	67.9	51.9	45.0	38.1	52.8

DONORA SUBSTATION HISTORY

The first Climatological Substation in Donora was established at the Donora Zinc Works on October 10, 1926. Observations were continued at this location until October 31, 1957 when the station was shifted to the home of Mr. Theodore F. Mathues. Mr. Mathues recorded observations until July 31, 1970 when the station was moved to its present location at the Mon Valley Sewage Authority. The last move was an elevation drop of over 100 feet from the previous location and thus the data will not be compatible. The present station is compatible however with the initial station which was in operation until 1957.

Date	Location (from Donora Post office)	Elevation (ft.)	Observer
Oct. 10, 1926-Oct. 31, 1957	.8 miles NNE	814	Donora Zinc Works
Nov. 1, 1957-July 31, 1970	.5 miles SSW	900	Theodore F. Mathues
Aug. 1, 1970 - present	1.1 miles SW	762	Mon Valley Sewage Authority

This data compilation has been made possible through the cooperative efforts of the National Oceanic and Atmospheric Administration - National Weather Service, The Department of Meteorology at the Pennsylvania State University, the Pennsylvania Department of Forests and Waters, and the NE-35 Technical Committee under whose auspices daily records of temperature and precipitation were summarized.