



Average Temperature (°F)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1926	27.3	28.2	28.8	32.8	37.5	41.1	44.3	46.8	47.2	47.2	47.2	47.2	48.1
1927	26.4	28.2	31.2	35.6	39.2	41.2	43.2	45.2	46.2	46.2	46.2	46.2	47.1
1928	28.1	28.8	32.3	35.2	38.2	40.2	42.2	44.2	45.2	45.2	45.2	45.2	46.0
1929	25.4	25.8	31.1	35.1	38.1	40.1	42.1	44.1	45.1	45.1	45.1	45.1	46.0
1930	26.3	27.0	31.1	35.1	38.1	40.1	42.1	44.1	45.1	45.1	45.1	45.1	46.0
1931	30.8	31.8	34.8	37.8	40.8	42.8	44.8	46.8	47.8	47.8	47.8	47.8	48.7
1932	30.6	31.6	34.6	37.6	40.6	42.6	44.6	46.6	47.6	47.6	47.6	47.6	48.5
1933	35.3	36.3	39.3	42.3	45.3	47.3	49.3	51.3	52.3	52.3	52.3	52.3	53.2
1934	31.4	32.4	35.4	38.4	41.4	43.4	45.4	47.4	48.4	48.4	48.4	48.4	49.3
1935	26.6	27.6	30.6	33.6	36.6	38.6	40.6	42.6	44.6	44.6	44.6	44.6	45.5
1936	22.0	23.0	26.0	29.0	32.0	34.0	36.0	38.0	40.0	40.0	40.0	40.0	40.9
1937	28.4	29.4	32.4	35.4	38.4	40.4	42.4	44.4	46.4	46.4	46.4	46.4	47.3
1938	25.0	26.0	29.0	32.0	35.0	37.0	39.0	41.0	43.0	43.0	43.0	43.0	43.9
1939	17.9	18.9	21.9	24.9	27.9	29.9	31.9	33.9	35.9	35.9	35.9	35.9	36.8
1940	17.9	18.9	21.9	24.9	27.9	29.9	31.9	33.9	35.9	35.9	35.9	35.9	36.8
1941	26.2	27.2	30.2	33.2	36.2	38.2	40.2	42.2	44.2	44.2	44.2	44.2	45.1
1942	26.6	27.6	30.6	33.6	36.6	38.6	40.6	42.6	44.6	44.6	44.6	44.6	45.5
1943	26.7	27.7	30.7	33.7	36.7	38.7	40.7	42.7	44.7	44.7	44.7	44.7	45.6
1944	20.2	21.2	24.2	27.2	30.2	32.2	34.2	36.2	38.2	38.2	38.2	38.2	39.1
1945	19.8	20.8	23.8	26.8	29.8	31.8	33.8	35.8	37.8	37.8	37.8	37.8	38.7
1946	28.9	29.9	32.9	35.9	38.9	40.9	42.9	44.9	46.9	46.9	46.9	46.9	47.8
1947	23.5	24.5	27.5	30.5	33.5	35.5	37.5	39.5	41.5	41.5	41.5	41.5	42.4
1948	20.5	21.5	24.5	27.5	30.5	32.5	34.5	36.5	38.5	38.5	38.5	38.5	39.4
1949	37.4	38.4	41.4	44.4	47.4	49.4	51.4	53.4	55.4	55.4	55.4	55.4	56.3
1950	28.9	29.9	32.9	35.9	38.9	40.9	42.9	44.9	46.9	46.9	46.9	46.9	47.8
1951	30.8	31.8	34.8	37.8	40.8	42.8	44.8	46.8	48.8	48.8	48.8	48.8	49.7
1952	31.3	32.3	35.3	38.3	41.3	43.3	45.3	47.3	49.3	49.3	49.3	49.3	50.2
1953	31.3	32.3	35.3	38.3	41.3	43.3	45.3	47.3	49.3	49.3	49.3	49.3	50.2
1954	20.5	21.5	24.5	27.5	30.5	32.5	34.5	36.5	38.5	38.5	38.5	38.5	39.4
1955	26.3	27.3	30.3	33.3	36.3	38.3	40.3	42.3	44.3	44.3	44.3	44.3	45.2
1956	27.1	28.1	31.1	34.1	37.1	39.1	41.1	43.1	45.1	45.1	45.1	45.1	46.0

## STATION HISTORY

With the erection of a standard rain gage the first State College weather station was established on the Pennsylvania State University campus on September 1, 1882 (then known as the Pennsylvania State College). Doctors Oman and Swetser were the observers and in January 1888 a shelter and maximum thermometer were placed at the site. On January 1, 1896 it was moved about 0.3 miles south-southwest on the campus to a point about 50 feet southeast of the Agriculture building, a 2 story structure, over sod on gently sloping ground. Here it remained until July 1, 1940 when it was moved 0.2 miles southwest to the present location on the roof of the Mineral Industries building - a 4 story structure. Observations were taken by Doctor William Freer from January 1, 1896 through December 31, 1921 and by G. A. Kern from January 1, 1922 through June 30, 1940. Responsibility for the observations was transferred to the Meteorology Department July 1, 1940 with Doctor H. Landsberg supervisor followed by Doctors Neuberger, Stephens and Hosler.

In addition to the temperature and precipitation data shown in this publication, records of wind, relative humidity, atmospheric pressure, visibility, clouds and general weather are maintained.

Total Precipitation (Inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1926	3.32	4.45	1.84	1.98	0.96	4.69	3.50	4.12	5.79	4.35	4.53	2.02	41.55
1927	2.54	3.78	3.62	3.93	5.30	3.86	4.98	2.79	1.96	6.33	5.27	3.57	47.93
1928	2.70	2.97	1.67	0.92	1.18	2.38	1.18	3.51	1.85	1.11	2.10	0.56	39.20
1929	3.33	2.23	1.67	5.71	4.04	3.47	1.99	1.48	3.85	7.06	2.65	2.34	39.20
1930	1.81	2.88	2.50	1.93	4.49	4.49	2.48	0.65	1.59	0.36	1.10	2.23	24.81
1931	1.00	1.96	2.13	4.36	9.30	1.64	4.20	3.70	1.76	0.96	1.04	2.26	34.31
1932	4.24	1.66	1.65	1.65	3.58	2.61	5.83	2.72	0.59	4.88	3.82	1.98	48.18
1933	2.21	2.36	5.69	4.97	2.35	2.38	3.09	6.52	3.19	1.82	1.82	3.27	44.47
1934	2.08	1.25	2.70	3.16	1.46	4.14	3.37	3.35	4.17	1.27	4.09	2.56	35.60
1935	2.74	3.15	2.68	2.24	3.59	3.78	5.83	1.44	2.40	2.11	4.44	3.31	37.41
1936	4.51	2.38	8.86	2.75	2.81	4.88	2.88	4.62	2.84	4.66	2.24	3.69	47.12
1937	5.51	2.38	1.74	6.75	6.95	2.30	5.32	7.88	1.90	6.53	2.08	3.29	45.67
1938	3.00	4.45	3.41	2.16	3.38	4.16	3.92	0.86	2.46	1.18	3.15	2.51	33.15
1939	3.64	4.40	5.85	3.70	2.47	5.16	2.08	3.92	3.84	4.09	1.52	3.17	38.68
1940	1.20	2.72	5.88	4.42	4.30	3.50	4.57	2.56	3.69	0.74	1.97	1.52	40.01
1941	1.86	0.32	1.50	1.85	1.70	4.22	4.66	4.47	1.35	2.71	1.95	3.67	30.26
1942	2.09	1.35	5.17	1.82	6.35	3.28	4.81	2.78	0.33	3.51	4.75	4.87	42.87
1943	2.09	0.99	2.20	4.45	6.87	1.50	4.70	3.08	2.60	4.61	2.46	3.87	31.42
1944	1.87	1.72	4.40	4.38	6.09	5.70	2.63	1.52	2.60	3.44	1.66	2.17	30.32
1945	1.84	2.33	4.49	4.38	6.09	3.19	2.63	3.00	6.50	2.26	6.36	2.29	45.36
1946	1.06	2.65	3.72	0.63	7.57	6.07	4.70	3.29	3.78	4.20	0.89	1.78	40.34
1947	2.67	1.94	3.05	3.80	4.54	3.90	3.01	2.97	0.77	5.01	1.14	1.78	40.34
1948	2.82	1.94	3.05	6.59	4.44	3.33	4.76	3.25	1.26	2.62	5.01	1.14	40.34
1949	4.01	1.94	3.05	4.54	4.44	3.33	4.76	3.25	1.26	2.62	5.01	1.14	40.34
1950	4.11	3.21	4.43	1.95	4.10	2.20	4.31	2.57	2.00	3.09	1.28	3.62	43.32
1951	4.08	2.36	4.73	2.92	2.93	5.71	1.71	1.52	4.00	1.94	3.48	4.72	37.57
1952	3.80	1.75	5.09	4.71	5.08	1.87	2.55	3.27	1.66	1.21	4.65	4.72	39.47
1953	4.05	1.13	4.13	9.24	9.24	2.05	2.92	2.40	1.10	1.06	4.65	4.72	38.96
1954	2.05	4.77	5.25	3.25	3.25	3.38	2.92	4.34	2.10	2.27	3.48	2.31	40.86
1955	0.82	4.77	4.77	0.92	0.92	3.78	2.92	4.34	2.10	4.84	3.45	3.25	40.86
1956	1.39	4.08	3.46	2.67	4.93	5.15	4.59	8.34	2.73	4.20	3.45	3.25	39.72

## STATION HISTORY - Cont'd

In addition, recording instruments currently in operation include: Microbarograph (pressure), Hygrothermograph (humidity and temperature), Anemometer (wind), Dewar Recorder (temperature and dew point), Eppley Pyrheliometer (solar radiation), Campbell-Stokes sunshine recorder, and a siphon rain gage. An evaporation station was installed about 0.3 mile north-northeast of the climatological station June 15, 1956 with observations taken by Mark Shaw. This station was short lived however, as the equipment was moved to the Ballisorte area June 24, 1958.

Records from the State College climatological station are on file in the Department of Meteorology of the Pennsylvania State University, copies of which are located at the National Weather Records Center of the U. S. Weather Bureau at Asheville, North Carolina.

- In Cooperation With:
1. The Department of Meteorology, The Pennsylvania State University, University Park, Pennsylvania.
  2. The information contained in this publication has been summarized from a daily record of temperature and precipitation on IM cards, of Pa. Ag. Exp. Station, by NE-25 Technical Committee, a publication of Pa. Ag. Exp. Station.
  3. The Pennsylvania Department of Forests and Waters, Maurice Goddard, Secretary.