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U. S. DEPARTMENT OF COMMERCE  
SINCLAIR WEEKS, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

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KEY TO METEOROLOGICAL RECORDS DOCUMENTATION NO. 1.1

# SUBSTATION HISTORY

## PENNSYLVANIA

A summary of information available on substation locations, elevations, exposures, instrumentations, records and observers from date station was established through the year 1957



WASHINGTON, D. C. : 1958

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## INFORMATION ON SUBSTATION HISTORIES

This bulletin series is an effort to compile all available information and pertinent changes that might affect the continuity of the substation record. A substation is defined as a station attended by non-classified and non-certificated observers. Elements observed at substations covered in this bulletin are temperature, precipitation, evaporation and daily river stages when precipitation is also recorded. Substations observing only river stages are not included.

The substation history is presented as a series of separate forms (Form 530-1) on which the information is recorded. Form 530-1 is included for all evaporation and temperature and/or precipitation substations, including closed substations. In many cases more than one form is required to show the various station locations; the forms for each station are in chronological order. A new location is entered wherever a significant change in operating conditions is noted such as, for example, relocations of instruments, removal of objects affecting exposure, significant change in instrumental equipment, etc.

Information on earliest location is entered in space for "1st location," column (a); successive locations are described in 2nd, 3rd, etc., location spaces. If there have been more than six locations, extra sheets are used.

Other items of information entered on the form are:

**Index Number**—Number assigned for punch card purposes. This also identifies station in other publications.

**Latitude (b) and Longitude (c)**—Latitude and longitude to nearest minute.

**Section, Township, Range (d)**—Public Lands System coordinates (Section, Township and Range) are entered, when available, to nearest quarter section.

**Elevation (e)**—Elevation of ground where instruments are exposed, in feet above sea level (in whole numbers).

**Direction and Distance from Post Office (f)**—Airline distances given in feet or miles and tenths. Direction is given to 16 points of the compass.

**Direction and Distance from Previous Location (f')**—Airline distances given in feet or miles and tenths. Direction is given to 16 points of the compass. (In an earlier printing of the basic forms, this item was not included; hence, this information is not available for all substations.)

**Station known as (g)**—Name by which substation was known at specific times during its existence, which may differ from that in heading (current name).

**Description of Exposure (h)**—Whether located at residence, factory, reservoir, experimental farm, etc.; whether shelter is on ground or atop building; nature of location, e. g., "top of hill," "north slope of hill," "level ground," "ravine," etc.

**Instruments Used (i)**—Instruments used are indicated in this publication by the following code:

<p>A—Anemometer Bg—Barograph BA—Barometer, aneroid BM—Barometer, mercurial EvA—Class "A" Evap. Station (Weather Bureau type)</p>	<p>EvO—Other than Class "A" Evap. Station HyThg—Hygrothermograph Psy—Psychrometer SRG—Standard Rain Gage RRnG—Recording Rain Gage SG—Storage Gage</p>
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<p>NRIG—Non-recording River Gage RRIG—Recording River Gage CRS—Cotton Region Instru. Shelter SS—Standard Instrument Shelter SDE—Snow density measuring equip.</p>	<p>DT—Dry Bulb Thermometer WT—Wet Bulb Thermometer Mx—Maximum Thermometer Mn—Minimum Thermometer Tg—Thermograph //—Shielded gage (should precede gage abbr.)</p>
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**Record, Original Located (j)**—Where these records may be consulted.

**Record, Where Published (k)**—The following abbreviations are used: CD, Climatological Data; HB, Hydrologic Bulletin; DRS, Daily River Stages; SB, Snow Bulletin (issued at more or less irregular periods depending on local conditions); BW, Bulletin W; HPD, Hourly Precipitation Data.

**Date First and Last Observations (l)**—Upper portion of space is used for beginning observation record and lower portion for ending.

**Observers and dates (m)**—Observer's name and beginning and ending dates he took observations. "Remarks" space is used if more than two observers were at one location.

**Remarks (n)**—Pertinent information not given elsewhere, i. e., changes in instruments and dates, reference to existing station description forms, comments of inspectors or other known characteristics of exposure or observers, reasons for installing, moving, or closing station. Lower portion of page is used for additional remarks.

The information found in this series will be especially helpful when used in connection with the following Weather Bureau publications:

**Climatological Data**—A monthly publication and annual summary, by States or groups of States, giving temperature, precipitation and evaporation data (when available).

**Hourly Precipitation Data**—A monthly publication and annual summary by States or groups of States, beginning October 1, 1951, showing hourly precipitation intensities from a nationwide net of recording precipitation gages which produce continuous records. Between 1948 and October 1, 1951, these data were published as Table 4 in *Climatological Data*. The basic network was established in 1936, and the data were published in *Hydrologic Bulletin* which continued until 1948 when the transition was made to *Climatological Data*.

**Climatic Summary of the United States—Bulletin W**—Reports summaries of temperature and precipitation data for 106 sections including Puerto Rico and the Virgin Islands from the beginning of record to the end of 1930.

**Bulletin W Supplements** continues the summaries for all States, Alaska, Hawaii, and West Indies from 1930 through 1952.

With the exception of the *Hydrologic Bulletin*, all of these publications are available, from the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.



UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Acetonita Lock 3** County **Allegheny** State **Pa** Index No. **36-0022-9** Date prepared **1/23/56**

Table with columns: Location (lat, lon), Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks.

\* MRI- Water Resources Inventory - Pa. Water Supply Commission (one volume).  
CW2- Report of Chief of Weather Bureau (continuation of 080) (1891 - 1930).

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Albion** County **Serie** State **Pennsylvania** Index No. **36-0062** Date prepared **6/28/56**

Table with columns: Location (lat, lon), Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks.

(a) ing country. (b) 1/29/49-8/24/50  
Donald G. Thompson

**CHAlah**

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Alleppo** County **Greene** State **Pa.** Index No. **36-0022-9** Date prepared **6/28/56**

Table with columns: Location (lat, lon), Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks.

\* Water Resources Inventory - Pa. Water Supply Commission (one volume)  
# Report of Chief of Weather Bureau (continuation of 080) (1891 - 1930)

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Allegheny (City)** County **Allegheny** State **Pennsylvania** Index No. **-** Date prepared **6/28/56**

Table with columns: Location (lat, lon), Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks.

(a) Aug. 1853

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Allegheny Arsenal** County **Allegheny** State **Pennsylvania** Index No. **-** Date prepared **6/28/56**

Table with columns: Location (lat, lon), Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Allegheny Tunnel** County **Gambria** State **Pennsylvania** Index No. **-** Date prepared **3/26/57**

Table with columns: Location (lat, lon), Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Allens Mills County: Jefferson State: Pa. Index No: 35-0099-0 Date prepared: 1/24/56

Table with columns: Location (Lat, Lon, Hgt), Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: ALLENWOOD County: LYCOMING State: PENNSYLVANIA Index No: - Date prepared: 6/28/56

Table with columns: Location (Lat, Lon, Hgt), Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

\* Forms 1009 carried 928; exact elevation unknown. # Called Allenwood (near) for a short period.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: ALLENTOWN County: LEHIGH State: PENNSYLVANIA Index No: - Date prepared: 6/28/56

Table with columns: Location (Lat, Lon, Hgt), Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Altoona (Horseshoe Curve) County: Blair State: Pennsylvania Index No: 36-0134-8 Date prepared: Jan 26, 1956

Table with columns: Location (Lat, Lon, Hgt), Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

\* Observer-Caretakers for Altoona Water Company John J. Martin Jan 1936/ Apr 1939 # poor series doubtful # residence 1716 First Ave. Glenn W. Hess Nov 1915-Apr 1916 Robt. D. Goodfellow May 1939/Jan 1944 Lewis E. Biller May 1916/May 1929 Phillip A. Edmiston Feb. 1944 to date P. E. Rodney Jan 1887/Dec. 1934 Water Resources Inventory - Pa. Water Sup. Com. (1 Vol) & USWB Clim. Data Sum. Bulletin W. Sum to 1930

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Allentown Gas Company County: Lehigh State: Pa. Index No: 35-0111-2 Date prepared: 1/24/56

Table with columns: Location (Lat, Lon, Hgt), Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

\* plants (zero) Lat. 40° 36' 24" N; Long. 75° 27' 19" W; Elevation of gage (Chain & Weight type) is 234.49 MSL. Shelter and rain gage on level ground in rear of gas plant. & thereafter, reports to WBAS Allentown during flood threats. Listing of Station as Allentown Gas Co. began in CD with May 1948 issue.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: ANNVILLE County: LEBANON State: PENNSYLVANIA Index No: - Date prepared: 6/28/56

Table with columns: Location (Lat, Lon, Hgt), Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.



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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

STATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.

Station ANSONIA County TIOGA State PENNSYLVANIA Index No. - Date prepared 6/28/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 45	77 26	-	1136	P. O. Asaph 11.5 mi. W. P.O. 0.5 mi Wellsboro	W	Ansonia	Grd: 44' from office bldg. Mountains
2nd	41 45	77 26	-	1185			Ansonia	Over sod on level grd. at obs. house terrain is very mountainous
3rd	41 45	77 28	-	1210	3.0 mi. W. P.O. McClaboro	2.5 mi. E	Ansonia 2W	Over sod 150' E of observers house terrain - mountainous
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	CWB	Nov. 1907 July 1, 1942	11/30/07-7/7/42 Edw. N. Jencks	Mr. Jencks took all obs. and forwarded under bro-in-laws name - (a)
2nd	SRG	NWRC	CD	July 8, 1942	7/8/42-11/13/46	
3rd	SRG	NWRC	CD, NB	Nov. 13, 1946 Dec. 1, 1946	Nov. 13, 1946 12/1/46-12/31/46	Monta Apper
4th						
5th						
6th						

(a) Paul H. Mulford, Dist. Forester

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

STATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.

Station Arendtsville County Adams State Pennsylvania Index No. 36-022-4 Date prepared Jan 26, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	39°56'	77°31'	-	700	0.1 Mile South		Arendtsville	Grd. near stables on "old hotel prop" Rolling country. Range 7 Mi. W.
2nd	39°56'	77°35'	-	652	Unknown	3 Mi East	Higler-ville	Grd. 25 ft from barn. Rolling country. 3 Mi. E of Arendtsville rich farmland.
3rd	39°56'18"	77°31'56"	-	700	0.1 Mile South	3 Mi West	Arendtsville	Equipment returned to original #3 Location 6-1-34.
4th	39°56'23"	77°31'46"	-	710	0.1 Mile East	0.2 Mi NE	Arendtsville	Equip moved from loc. on Gettysburg rd abt 3/1, 1946 to Pa. Rt 234 abt 0.4 mi NE
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	CBS Mx Mm SRG A Single Reg Pay Tr	NWRC	CWB CD	Sept. 1918 Dec. 31, 1922	Sept 1918-May 1926 Pa. St. Col. Exp. Sta.	Prof. H. C. Walton
2nd	CBS Mx Mm SRG A Single Reg Pay Tr	NWRC	CD	Apr 7, 1923 May 1926	Sept 1918-May 1926 Pa. St. Col. Exp. Sta.	Prof. H. C. Walton; Anemometer-Single register used in spring for spraying.
3rd	CBS Mx Mm SRG A Single Reg Pay Tr	NWRC	CD	Mar 27, 1927 Oct 1, 1933	Pa. St. Col. Exp. Sta. Pa. St. Col. Exp. Sta.	College closed station
4th	CBS Mx Mm SRG SWR HyTh A Windvane	NWRC	CD	June 1, 1934 e 6-1-34	Pa. St. Col. Exp. Sta. e 6-1-34	Dr. J. N. Frost; equip returned except Reg & Pay which were turn by college.
5th						
6th						

\* Harold J. Miller--May 1, 1937-Nov 30, 1938  
H. M. Steiner--Dec 1, 1936-Feb 28, 1946  
Prof. P. N. Newton--March 1, 1946 -  
Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)  
# Replaced 6-1-34

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

STATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.

Station AQUEDUCT County PERRY State PENNSYLVANIA Index No. - Date prepared 6/28/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 30	77 01	-	367	Unknown	-	Aqueduct	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	WF, SRG	NWRC	FW, CWB	Jan. 1895 Apr. 1900	Jan. 1895-Apr. 1900 Richard Collin	
2nd						
3rd						
4th						
5th						
6th						

No other  
instrumentation  
D. M. Shelly-Feb. 1899-Sept. 1899-Temp & Precip-WRI, FW  
O. V. Metzger-Oct. 1899-Dec. 1899-Temp & Precip-WRI, CWB, FW  
O. V. Monger-Jan. 1893-Mar. 1893-Published FSW, WRI, CWB, FW  
Temp & Precip.

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

STATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.

Station ARENDSVILLE (SGS 3A) County ADAMS State PENNSYLVANIA Index No. - Date prepared 6/29/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	39 56	77 17	-	720	1.2 mi. ENE Arendtsville, Pa.		Arendtsville -sgs Gage 3A	1.2 mi. from Arendtsville. Gage not attended regularly. Some evidence of an 8" gage nearby "5-S" operated by SGS.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	RRNG, SRG	NWRC	CD	June 15, 1940 Jan. 1, 1944	6/15/40-1/1/44 Soil Conservation Serv	Operated by college office of SGS.
2nd						
3rd						
4th						
5th						
6th						

Information & records for this gage was contained in correspondence with:  
Earl B. Kinter, SGS-USDA and H. S. Rath, Chief Regional Eng. Div  
P. O. Box 301, State College PA and SGS-Upper Darby, Pa.

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

STATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.

Station ARDMORE County MONTGOMERY State PENNSYLVANIA Index No. - Date prepared 6/29/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 00	75 15	-	300	D. S. RR O. P. O. Marberth	-	Marberth	Sod: Adequate exposure "Highest section of Town"
2nd	40 00	75 17	-	340	D. S. RR O. Ardmore	2.0 mi. W	Ardmore	Crude instrumentation in observers yard. Rolling country
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	CBS, Mx, Mm, SRG	NWRC	CD	Sept 1918 June 1931	9/1918-6/1931 Chas. A. Decker	
2nd	SRG	NWRC	CD	Sept 1931 Dec. 1942	9/1931-12/1942 H. L. Balderston	C. O. authd move from Marberth Oct. 21, 1931.. G.O. authd WB equip
3rd						
4th						
5th						
6th						

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

STATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.

Station ARTEMAS County BEDFORD State PENNSYLVANIA Index No. 36-0256 Date prepared 6/29/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	39 45	78 26	-	920	200' N of P. O.	-	Artemas	Sod - 70' from residence on farm on Rte. RD. 7317
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	CBS, Mx, Mm SRG, RRNG	NWRC	CD	May 24, 1950 Sept. 6, 1953	5/24/50-9/6/53 Mrs. Helen I. Brumbaugh	Paid \$3.50 mo. under FC-1
2nd						
3rd						
4th						
5th						
6th						

Equip moved from Nevitt 2-8 36-3897-8 which was 4 mi. west of Artemas

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Artemus 1 WNW County: Bedford State: Pa. Index No. 56-0269-8 Date prepared: 1/25/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation (ft)	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	39°45'05"	78°27'50"		1250	1.3 mi WNW		Artemus 1 WNW	Rough, mountainous terrain in all directions.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	St, Mn, H, Rnd, SS	NWRC	CD HP*	5-7-1953 7/11/57	5-7-1953 - 7/11/57 Grayson E. Northcraft	* R'ng removed 5/17/57.
2nd						
3rd						
4th						
5th						
6th						

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: AUSTIN County: POTTER State: PENNSYLVANIA Index No. - Date prepared: 6/29/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation (ft)	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41 38	78 05	-	1350	Unknown	-	Austin	Unknown
2nd	41 42	78 05	-	1700	5 mi. N. Austin	Unknown	Odin	Located in Nursery
3rd	41 40	78 05	-	1700	Unknown	Unknown	Austin	Unknown
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	WRI BW CD CWB	July 1910 Apr. 1911	July 1910-Apr. 1911 A. C. Silvis	Gate & records destroyed in flood 9/30/11
2nd	SRG	NWRC	WRI BW CD CWB	Oct. 1912 Jan. 1920	Oct. 1912-Jan. 1920 P. Hartman Fox	Could not be reestablished in or near Austin after two years effort
3rd	SRG	NWRC	WRI BW CD CWB	Mar. 1921 Apr. 1921	Mar. 1921-Apr. 1921 Oren Cortwright	
4th						
5th						
6th						

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: ASHLAND County: SCHUYLKILL State: PENNSYLVANIA Index No. - Date prepared: 6/29/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation (ft)	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40 48	76 20	-	1005	Unknown	-	Ashland	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	DT, SRG	Unknown	SIA WRI	Jan. 1870 May 1870	1/1870-5/1870 Rev. W. B. Honeyman	No other information
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Austinburg 2 W County: Tioga State: Penna. Index No. 36-0313-6 Date prepared: 1/25/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation (ft)	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41°59'10"	77°32'00"	-	1790	Westfield 4.7 mi. NW of / 4.8 mi. NE of	-	Austinburg	Over road near Obs. home along TWP. Rt. 380, 0.9 mi. S of Co. Rt. 5800.
2nd	41°59'00"	77°31'32"	-	1980	Westfield 2.4 mi. N of	2.0 mi. N W	Austinburg	Over road near obs. home at junction of County Rts. 58007 and 58009.
3rd	41°59'49"	77°31'37"	-	1590	Westfield 2.4 mi. N of	ENE 2 W	Austinburg	in field along Rt. 423; up slope to N 0.1 mi. E of observer's home.
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	RRG	NWRC	HB* GD	2/8/1937 8/26/1943	2/8/37 - 7/28/43 E. H. Bronson	James H. Giese 7/29/41 - 8/26/43. Established by USE, Syracuse, N. Y.
2nd	RRG	NWRC	HB* CD	8/27/1943 11/2/1943	8/27/43 - 11/2/43 Ralph Palumbo	Actual obs. here probably only for a few days. Sta. 2.0 mi. W of 1st # 1.
3rd	RRG SRG**	NWRC	HB* HPD GD	11/2/43 -	11/2/43 - Otto D. Bacon	Pa. \$3.50 under FC-1 funds 10/1/45; Sta. 2.4 mi. ENE of location # 2.
4th						
5th						
6th						

\* Hydrologic Bulletin (1939 - 1948).  
\*\* Standard gage added 8/1/53.

WB Form 530-1

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WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: ATHENS County: BRADFORD State: PENNSYLVANIA Index No. - Date prepared: 6/29/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation (ft)	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41 58	76 30	-	835	1.2 mi. E	-	Athens	Gro. near Res. on fruit farm on slope
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	CRS, MX, MN, SRG	NWRC	WRI, BM CD, CWB	Mar. 1898 Feb. 1904	3/1898-2/1904 F. L. Estabrook	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

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WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: AVONDELL County: PERRY State: PENNSYLVANIA Index No. - Date prepared: 6/29/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation (ft)	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40 27	77 22	-	515	Unknown	-	Avondell	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, DT	Unknown	SIA, WRI	June 1867 Apr. 1869	June 1867-Apr. 1869 William E. Baker	
2nd						
3rd						
4th						
5th						
6th						

\* Station known as Ickesburg in U. S. Agricultural reports.

WB Form 530-1



UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station AVOMORE County WESTMORELAND State PENNSYLVANIA Index No. - Date prepared 6/29/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40 32 79 28, 845, 0.2 mi. NNE, Avomore, Excellent on ground at Corp Construction office.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, NRIG, Unknown, Unknown, July 10, 1946, July 1946-Jan. 1948, U. S. Engineers, Chain weight river gage operated by USGS and Corp May 1907-July 1937.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station BALDWIN County BUTLER State PENNSYLVANIA Index No. - Date prepared 6/29/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 41 02 79 44, 1404, 2.0 mi. NW Karns City, Baldwin, Unknown.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: CRS, MX, MN, SRG, NWRC, WRI, BW, CD, CWB, Jan. 21, 1906, 1/21/06-2/1917, S. H. Templeton.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Bakers Summit County Bedford State Penna Index No. - Date prepared 6-29-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40 16 78 25, 1442, Unknown, Bakers Summit, 50' from observer's home.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, NWRC, BW, BS, CD, CWB, Aug 1, 1924, 8/1/24 - 3/15/42, Miles Snyder, Six miles SW of Martinsburg.

WB Form 530-1

Originally established as Water Supply Commission - DPAW

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Barnes County Warren State Pa. Index No. 36-0409-0 Date prepared 6/27/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 41 40 22 79 01 25, 1310, 2.1 mi S Sheffield P.O., Barnes, Over sod 100' NE of obs. house.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, NRIG, NWRC, CD, 12-6-40, 6-30-48, 7-1-48, 12-6-40/6-30-48, 7-1-48, Corps of Eng. Plt., Corps of Eng. Plt.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Bakerstown 3 WNW County Allegheny State Pa. Index No. 36-0355-0 Date prepared 1/6/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40 30 50 79 58 50, 1200, 3.5 mi WNW, Bakerstown 4 WNW, Greenhouse 4 ft. from gage.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: Mx, Mn, SRG, SS, NWRC, CD, 6-1-48, 5-26-52, 6-27-52, Pittsburgh Cut Flower Co., Employees take observations.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Barto LNW County Berks State Pennsylvania Index No. 36-3047-2 Date prepared March 15, 1966

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40 26 19 76 40 18, 800, 7 Mile SW of P. O. at Alburtus, Fredricksville 1 SE, Over sod in open area 50 ft S of large street.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: CRS, Mx, Mn, SRG, NWRC, CD, HB, Aug 1, 1937, Aug 1, 1937-May 1, 1953, Henry Rohrbach, Mx, Mn, installed June 18, 1948.

WB Form 530-1

Hydrologic Bulletin (1939 - 1948)

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.

Station BEAR CREEK County LUZERNE State PENNSYLVANIA Index No. 36-0452 Date prepared 6/29/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 41 11, 75 46, -, 1700, 0.5 mi. N, Bear Creek, -, Bear Creek, Sod; very wooded & hilly terrain; gage in 40' clearing; SHRG MP- (a)

Table with columns: (Con't), Instruments used, Original located, Record (Where published, Dates 1st and last observations), Observers and Dates, Remarks. Row 1: 1st, SHRG, NWRC, HFD, 4/11/53, 8/3/53, James M. Toole, 4/11/53-8/3/53, Poor observer; broken records. Relocated to Meadow Run Ponds (36-5601)

(a) slope north of gage; exposure fair.  
Stn relocated from Thornhurst LN, Pa. (36-8939-1) to place it in proper drainage basin (Meadow Run - Bear Creek)

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.

Station BEAVER County BEAVER State PENNSYLVANIA Index No. - Date prepared 6/29/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40 43, 80 20, -, 750, Unknown, -, Beaver, Unknown

Table with columns: (Con't), Instruments used, Original located, Record (Where published, Dates 1st and last observations), Observers and Dates, Remarks. Row 1: 1st, DT, SRG, Unknown, WRI, SIA, WRI, SIA, Aug. 1839, 1839-Aug. 1841, W. Allison, Records incomplete

\* Station frequently called Beaver Seminary

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.

Station BEAR CREEK RESERVOIR County CARBON State PENNSYLVANIA Index No. - Date prepared 6/29/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40 51, 75 54, -, 1298, 1.9 mi. North, Lansford, -, Bear Creek Reservoir, Exposure probably adequate.

Table with columns: (Con't), Instruments used, Original located, Record (Where published, Dates 1st and last observations), Observers and Dates, Remarks. Row 1: 1st, SHRG-Privately owned Unknown, Not Published, Oct. 1, 1922, Dec. 1, 1931, 10/1/22-12/1/31, Panther Valley Water Co.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.

Station Beaver Dam County Beaver State Pa. Index No. - Date prepared 6/29/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40°40'10" 80°21'10", 700, 3.0 mi Southwest P.O. at Beaver, -, Beaver Dam, Kyr Bluffs several hundred ft high N & S of sta on 20' platform 30' from nearest high object.

Table with columns: (Con't), Instruments used, Original located, Record (Where published, Dates 1st and last observations), Observers and Dates, Remarks. Row 1: 1st, # CBS Hx Mx SHRG M810, NWRC, NWS SW CD, KPM, SHRG, MWS, WRT, July 1, 1893, 7/1/1893 - 5/31/1936, May 31, 1936, U. S. Corps Engineers

\* Also known as Beaver Dam (Old Look #6) § Pa. State Weather Service, Monthly summaries (1887 - 1895)  
# Temperature equipment added July 1, 1914. § WB #228 - Special River and Rainfall Daily Precipitation records (A to F)  
\* Water Resources Inventory Pa Water Supply Commission (one volume) & Report of Chief of Weather Bureau (continuation of CSO) (1891-1930)

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.

Station Bear Gap County Northumberland State Pa. Index No. 36-0457-5 Date prepared 1/26/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40°49'30" 76°29'40", 900, 0.5 mi SE, Bear Gap, Forested mt. ridges oriented WSW - ENE. Gage in narrow valley.

Table with columns: (Con't), Instruments used, Original located, Record (Where published, Dates 1st and last observations), Observers and Dates, Remarks. Row 1: 1st, SHRG, NWRC, MRI SW CD, 1-1-1898, 1-1-98 / Roaring Creek Water Co.

\* MRI - Meter Resources Inventory - Pa. Water Supply Commission (one volume).

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.

Station Beaver Falls County Beaver State Pa. Index No. 36-0476-2 Date prepared 1/23/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40°46'45" 80°18'55", 780, 1.3 mi. NE, Beaver Falls, Gage is 18' above ground on roof of bldg. wooded hills E. Beaver Riv. W.

Table with columns: (Con't), Instruments used, Original located, Record (Where published, Dates 1st and last observations), Observers and Dates, Remarks. Row 1: 1st, SHRG, NWRC, MRI SW SW CD, 11/1/1908, W. Edward Watkins, 11/1/08 - 3/31/42, Howard R. Kemp, 4/1/42 -

\* Water Resources Inventory - Pa. Water Supply Commission (one volume)  
# Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)

WB Form 530-1



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Beavertown County Snyder State Pa. Index No. 36-0488-5 Date prepared 1/23/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks.

Hour of temperature observation changed to 5 PM, 5/1/57.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.

Station BEDFORD County BEDFORD State PENNSYLVANIA Index No. - Date prepared 8/16/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks.

(a) 121 W Penn St. ERNG 12/1/38 to 6/18/43 at same location but moved all equip to Everett Maint Shed, Penna Turnpike 6/18/43 except SRG which was retained until Nov. 1945. \*WRI indicates record Jan. 1853-Dec. 1861; Jan. & Feb. 1877. No other information available

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Beech Creek Station County Centre State Pa. Index No. 36-0499-7 Date prepared 1/23/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks.

\* Water Supply Publication.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Bellefonte 4 S County Centre State Pennsylvania Index No. 36-0630-7 Date prepared Jan 24, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks.

\* Temp records terminated Oct 1936. \* Water Resources Inventory--Penna. Water Supply Commission (one volume)

\* USGS Climatological Data Summaries, BULLETIN #--summaries to 1930

\* At all High St. -- & 150 Ft from 55 Ft Adv. Bldg.

\* Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.

Station Bendersville County ADAMS State PENNSYLVANIA Index No. - Date prepared 7/5/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WRPC, Chattanooga, Tenn.

Station Berne County Berks State Pa. Index No. 36-0599-3 Date prepared January 30, 1957

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Berwick, County: Columbia, State: Pa., Index No. 36-0611-1, Date prepared: 1/23/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Includes data for 1st through 6th locations.

\* Approx. # 2 mi. W. % 1863, Jun 1864 - Jan 1865.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form: Harrisburg, Pa.

Station: Bethlehem Lehigh University, County: Northampton, State: Pa., Index No. 36-0634-1, Date prepared: 1/18/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Includes data for 1st through 6th locations.

\* BW = USWB Climatological Data Summaries, BULLETIN W - summaries to 1930 % WRI Water Resources Inventory - Penna. Water Supply Commission (one volume)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form: WBAS, HARRISBURG, PA.

Station: Berwindale, County: CLEARFIELD, State: PENNSYLVANIA, Index No. - , Date prepared: 7/5/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Includes data for 1st through 6th locations.

Moved to Coalport

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form: -

Station: Bethlehem Lehigh University, County: Northampton, State: Pa., Index No. 36-0634-1, Date prepared: -

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Includes data for 1st through 6th locations.

\* sharply south of University. % recorder, etc.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form: WBAS, Allentown, Pa.

Station: Bethlehem (River Station), County: Northampton, State: Penna., Index No. 36-0622-2, Date prepared: April 7, 1952

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Includes data for 1st through 6th locations.

\*\* Precip. only published.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form: WBAS, HARRISBURG, PA.

Station: BIG FLAT TOWER, County: CUMBERLAND, State: PENNSYLVANIA, Index No. - , Date prepared: 7/5/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Includes data for 1st through 6th locations.



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WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, Pa.

Station Biglerville County ADAMS State PENNSYLVANIA Index No. - Date prepared 8/16/56

Loca- tion	Latitude (a)	Longitude (b)	Sec. Twp. Rng. (d)	Elevation m (e)	Direction and distance from		Station known as (g)	Description of exposure (h)
					Post Office (f)	Prev. Location (i)		
1st	39° 56'	77° 15'	-	652	Unknown	-	Biglerville	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	CMB, CD	Apr. 1923 May 1926	4/19 23-5/1926 R. C. Walton	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Blakeslee Corners County Monroe State Pennsylvania Index No. 36-0743-1 Date prepared Jan 25, 1956

Loca- tion	Latitude (a)	Longitude (b)	Sec. Twp. Rng. (d)	Elevation m (e)	Direction and distance from		Station known as (g)	Description of exposure (h)
					Post Office (f)	Prev. Location (i)		
1st	41° 05' 35" N	77° 55' 35" W	-	1870	Blakeslee	0.2 of P. O.	Blakeslee Corners	Soil: excellent exposure in open field, rolling country.
2nd				1650	Blakeslee	0.5 SW of P. O.	Blakeslee Corners	Soil: excellent exposure in field, relocation occurred 10-17-50.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	(Pa. D.F. & W.) RND	NWRC	HP CD	Nov 4, 1887 Oct 17, 1900	11-4-87/2-20-82 Harold Wildrick	March 1, 1942 - August 19, 1942 Wm. A. Wildrick
2nd	(Pa. D.F. & W.) RND	NWRC	CD HPD	Oct 18, 1900	8-18-42 Walter J. Wildrick	
3rd						
4th						
5th						
6th						

\* Hydrologic Bulletin (1939 - 1948)

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Blain County Perry State Penna. Index No. 36-0725-5 Date prepared 1/25/56

Loca- tion	Latitude (a)	Longitude (b)	Sec. Twp. Rng. (d)	Elevation m (e)	Direction and distance from		Station known as (g)	Description of exposure (h)
					Post Office (f)	Prev. Location (i)		
1st	40° 20' 25" N	77° 30' 55" W	-	750	0.25 mi. NW	-	Blain	Located at Blain Boro Athletic Field.
2nd	40° 20' 20" N	77° 30' 45" W	-	750	300 ft. SE	0.2 mi. SE	Blain	Moved to District Forecaster's office, 6/3/48.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	RND	NWRC	HP CD	8/3/1937 6/2/1948	8/3/1937 - 4/30/1939 District Forester	Benjamin D. McPherson to Mey, 1939.
2nd	RND	NWRC	CD	6/3/1948	5/1/1939 District Forester	George M. German from Mey, 1939.
3rd						
4th						
5th						
6th						

\* Hydrologic Bulletin (1939 - 1948).

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WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Blooming Grove County Pike State Pa. Index No. - Date prepared 8/16/56

Loca- tion	Latitude (a)	Longitude (b)	Sec. Twp. Rng. (d)	Elevation m (e)	Direction and distance from		Station known as (g)	Description of exposure (h)
					Post Office (f)	Prev. Location (i)		
1st	41° 23'	75° 09'	-	1000	Unknown	-	Unknown	Hyres Blooming Grove Unknown
2nd	UNKNOWN	UNKNOWN	-	Unknown	Unknown	-	Unknown	Unknown
3rd	41° 22'	75° 09'	-	1400	Unknown	-	Unknown	Unknown
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG DT	Unknown	WRT STA	June 1865	6/1865 - 12/1869	John Gratwick
2nd	SRG DT	NWRC	MRI STA HB	Jan 1870	1/1870 - 2/1896	Wm. G. Tetler
3rd	SRG DT	NWRC	PSW CMB	Feb 1896	2/1896 - 9/1897	Robert M. Graham
4th	SRG DT	NWRC	MRI CMB HB	Sept 1897	9/1897	Louis G. Brandhurst
5th						
6th						

\* Water Resources Inventory - Pa. Water Supply Commission (one volume)  
# Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
% Pa. State Weather Service, Monthly Summaries (1887 - 1895)  
\* Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Blairsville 6 ENE County Indiana State Pa. Index No. 36-0736-9 Date prepared 1/23/56

Loca- tion	Latitude (a)	Longitude (b)	Sec. Twp. Rng. (d)	Elevation m (e)	Direction and distance from		Station known as (g)	Description of exposure (h)
					Post Office (f)	Prev. Location (i)		
1st	40° 27'	79° 15'	-	1010	Unknown	NE *	Blairsville	Unknown
2nd	40° 38'	79° 06'	-	1407	Unknown	18.4 mi	Blairsville	Unknown
3rd	40° 27'	79° 09'	-	2031	6 mi E	14.8 SSW	Blairsville	Unknown
4th	40° 27'	79° 09'	-	2043	6 mi E	6 ENE	Blairsville	Unknown
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	DT	Unknown	Not	10-1861 1-1865	W. R. Boyers	
2nd	SRG	NWRC	Unknown	5-11-1933		
3rd	SRG	NWRC	Unknown	10-31-1932		
4th	SRG	NWRC	Unknown	11-1-1932		
5th	SRG Mx Mn CBS	NWRC	CD HB	8-16-1933 3- -1937	USWB 3/1937 - USWB	Station known as Chesnut Ridge until April 7, 1935. Mx Mn CBS added 11/1/45
6th						

\* Approximate

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WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Bloomersburg County Columbia State Pa. Index No. - Date prepared 8/16/56

Loca- tion	Latitude (a)	Longitude (b)	Sec. Twp. Rng. (d)	Elevation m (e)	Direction and distance from		Station known as (g)	Description of exposure (h)
					Post Office (f)	Prev. Location (i)		
1st	40° 58'	76° 30'	-	477	UNKNOWN	-	Catawissa	Unknown
2nd	40° 57'	76° 28'	-	520	UNKNOWN	-	Catawissa	Over soil in observers yard; terrain mountainous.
3rd	UNKNOWN	UNKNOWN	-	491	UNKNOWN	-	Catawissa	Unknown
4th	UNKNOWN	UNKNOWN	-	500	UNKNOWN	-	Bloomersburg	Unknown
5th	40° 57'	76° 28'	-	520	UNKNOWN	-	Catawissa	Over soil 40 ft from obs home in open area; terrain mountainous.
6th	40° 57'	76° 28'	-	520	UNKNOWN	-	Block Catawissa	Over soil in obs yard; terrain mountainous.

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG DT	Unknown	SIA	June 1870	6/1870 - 12/1873	A. W. Curtis
2nd	SRG DT	NWRC	SW	Feb 1878	2/1878 - 2/1888	Wm. G. Tetler
3rd	SRG DT	NWRC	PSW MRI	Mar 1888	3/1888 - 1/1891	Robert M. Graham
4th	SRG DT	NWRC	PSW MRI HB	Jan 1891	1/1891 - 8/1894	Robert M. Graham
5th	SRG DT	NWRC	MRI PSW	Dec 1892	12/1892 - 8/1894	Robert M. Graham
6th	SRG CRS Mx Mn	NWRC	MRI CMB HB	Aug 1894	8/1894 - 6/1930	Wm. G. Tetler
6th	SRG CRS Mx Mn	NWRC	CMB CD	June 1930	6/1930	Barry H. Tetler

\* From January 1896 to December 1904 this was a precipitation only station at an elevation of 489 ft. and was published in "PW". Observer not given - no other information available.  
# SIA - Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
% PSW - Pa. State Weather Service, Monthly Summaries (1887 - 1895)  
MRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Page #2 of 2

Office preparing form **WBAS, Harrisburg, Pa.**

Station Bloomburg County Columbia State Pa Index No. \_\_\_\_\_ Date prepared 8/16/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

\* CWB - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)

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WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station Blue Knob Fire Tower County Berks State Pennsylvania Index No. \_\_\_\_\_ Date prepared 8/16/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

WB Form 530-1

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station Blosserville 1 N County Cumberland State Penna. Index No. 36-0763-4 Date prepared 1/28/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

\* Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)  
# Water Resources Inventory -- Penna. Water Supply Commission (one volume)  
% Observer moved to Carlisle and became cooperative observer there.  
% began 5/15/14.

WB Form 530-1

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station Boswell 6 NW County Somerset State Penna. Index No. 36-0820-8 Date prepared 1/28/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

John S. Toft 8/21/48 - 4/17/49  
Jack S. Clark 4/15/48 - 7/15/49  
Clifford Huffman 7/15/48 - 9/30/49  
Harry Kimmel 10/1/48 - 8/8/52  
Mrs. Mae Kimmel 5/8/52 - 6/15/52  
Mrs. Lavonne Brent 6/15/52 - 9/17/52  
Mrs. Agnes Burkhardt 10/14/52 - 12/14/52

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station Blue Knob County Blair State Pennsylvania Index No. \_\_\_\_\_ Date prepared 8/16/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

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WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station Bower County Clearfield State Pennsylvania Index No. 36-0828 Date prepared 8/16/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

RRIG located at Lat. 40° 53' 50" N, Long. 78° 40' 40" W on west branch Susquehanna River

WB Form 530-1



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Bradford Look 2, County: Allegheny, State: Pa., Index No.: 36-0861-8, Date prepared: 1/16/66

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Bradford 4NW Hedgehog Summit, County: McKean, State: Pennsylvania, Index No.: 36-0873, Date prepared: 8-16-66

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Bradford Central Fire Sta., County: McKean, State: Pennsylvania, Index No.: 36-0867-10, Date prepared: 1/24/66

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

\* Water Resources Inventory -- Penna. Water Supply Commission (one volume). \* Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930). \* S1 - shelter on N side of bldg. also hygrometer.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Bradford 4WV Bennett Brook, County: McKean, State: Pennsylvania, Index No.: 36-0874, Date prepared: 8-17-66

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Bradford 4 W Reservoir #1, County: McKean, State: Penna., Index No.: 36-0888-10, Date prepared: 1/16/66

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

Carotakers at Reservoir: C. M. Stewart, Supt. P. F. Lundergan, John Ferko, E. E. Cornelius, John Ferko.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Bradford 3WV Hedgehog, County: McKean, State: Pennsylvania, Index No.: 36-0875, Date prepared: 8-17-66

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

Records from station Bradford 4WV Hedgehog Summit, Station Index No. 36-0873, are compatible with this station's records even though index numbers differ. \*MX, MN, CBS - Property of Bradford District Flood Warning Commission.

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WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **BRADY'S BEAD** County: **ARMSTRONG** State: **PENNSYLVANIA** Index No. \_\_\_\_\_ Date prepared: **8/17/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 59	79 38	-	930	Unknown	-	Brady's Bead	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	WB, CD	Apr. 1918 Nov. 1, 1925	4/1918-11/1/1925 Edward R. Devey	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **Bristol** County: **Ducks** State: **Penna.** Index No. \_\_\_\_\_ Date prepared: **1/16/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°05'43"	74°52'14"	-	20	.75 mi. NW	-	Bristol	On flat roof of 80' x 220 bldg. 55 ft. above ground; flat terrain along Delaware River.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG DT WT Mx Mn Wind Dir Sunshine SM	(A)	Not Published	June 1943	6/43 - (m) Rohm & Haas Co. Physics Lab. Employees	
2nd						
3rd						
4th						
5th						
6th						

(A) 2 special, typed, summary pages furnished monthly for State Climatologist office and NWPC.

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WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **Brandywine Manor** County: **Chester** State: **Penna.** Index No. **36-4900** Date prepared: **1/16/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°05'35"	76°48'50"	-	700	2.8 mi. SW P.O. Glenmoors, Penna.	-	Brandywine Manor	Over sod 60 ft. NE of observer's residence.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	RHO	USGS, College Park, Md.	Not Published	10/21/46	10/21/46 - Martin S. Lang	For USGS - College Park, Maryland.
2nd						
3rd						
4th						
5th						
6th						

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WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **Brookton** County: **Schuylkill** State: **Pennsylvania** Index No. \_\_\_\_\_ Date prepared: **8-17-56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 45	76 04	-	-	Unknown	-	Brookton	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	Unknown	Not Published	May 16, 1949 June 25, 51	5/16/49 - 6/25/51 Jacob J. Beasler	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **Bresswood** County: **Bedford** State: **Penna.** Index No. **36-0905-8** Date prepared: **1/16/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	39°59'55"	78°14'03"	-	1352	0.6 E of P.O. Bresswood	-	Bresswood Interchange	Grd. located near toll booth; exp. good, mountains 2 mi. E & S.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	CD	12/16/1941	12/16/41 - Penna. Turnpike Comm.	Temp. through 1943.
2nd						
3rd						
4th						
5th						
6th						

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WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **BROOKVILLE** County: **JEFFERSON** State: **PENNSYLVANIA** Index No. \_\_\_\_\_ Date prepared: **8/17/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	Unknown	Unknown	-	Unknown	Unknown	-	Brookville	Unknown
2nd	41 12	79 08	-	1250	Unknown	Unknown	Brookville	Unknown
3rd	41 10	79 04	-	1300	0.9 mi. SE	Unknown	Brookville	On grd. in rear of obs. house. Grd. slopes upward north and east
4th	41 10	79 05	-	1260	175' NW	0.9 mi. W	Brookville	On grd. in rear of obs. office. Land slopes upward to the north
5th	41 10	79 05	-	1305	0.2 mi. E	0.2 mi. W	Brookville	On roof of 40' YMCA Bldg. Area is commercial and hilly
6th	41 10	79 05	-	1230	0.8 mi. NNE	0.7 mi. SW	Brookville	Over sod on slope at pump sta. near N. edge of town. Terrain hilly & wooded

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, DT	Unknown	WRI, SIA	May 1854 Oct. 1854	May 1854-Oct. 1854 D. S. Deering	
2nd	SRG, DT	Unknown	WRI, SIA	Apr. 1879	Apr. 1879-May 1879	
3rd	SRG, DT	NWRC	WRI, SIA	Jan. 1885	Jan. 1885-June 1888	
4th	SRG, DT	NWRC	WRI, SIA	June 1888	June 1888-July 1902	
5th	SRG, DT	NWRC	WRI, SIA	Oct. 1888	Oct. 1888-July 1902	
6th	SRG, MX, MN, CBS	NWRC	WRI, SIA	Oct. 1910	Oct. 1910-Nov. 1914	
	SRG, MX, MN, CBS	NWRC	WRI, SIA	Nov. 1914	Nov. 1914-Mar. 1942	
	SRG, MX, MN, CBS	NWRC	WRI, SIA	Mar. 1942	Mar. 1942	

WRI has record to March 1906

WB Form 530-1



UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Penna.**

Station **Browsers Lock** County **Montgomery** State **Pennsylvania** Index No. \_\_\_\_\_ Date prepared **8-17-56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Station known as	Description of exposure
1st	Unknown			Unknown		Browsers Lock	Unknown
2nd							
3rd							
4th							
5th							
6th							

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SR3, DT	NWRC	PSW, WRI, SIA, WB, SW, SD	Jan. 1880 - Apr 1, 1920	Jan. 1880 - Apr 1, 1920 Mrs. Sallie A. Froese	
2nd						
3rd						
4th						
5th						
6th						

\*Elevation in publication **WB** was given as "80 or 160".

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Bucktown 1 SE** County **Somerset** State **Pa.** Index No. **36-1073-9** Date prepared **1/15/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Station known as	Description of exposure
1st	40°03'53"78"50"28"			2470	3.5 mi. SW P.O. Central City	Bucktown Airport	Ground. At airport 1.2 mi. SE of Bucktown.
2nd	40°03'44"78"50"11"			2480	3.5 mi. SW P.O. Central City	Bucktown	Ground. In open field. Terrain hilly and wooded.
3rd	40°03'47"78"50"16"			2480	3.5 mi. SW P.O. Central City	Bucktown 1 SE	Ground. In open field. Terrain hilly and wooded.
4th							
5th							
6th							

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	A Py BM RBNG	Unknown	Unknown	10/8/1937 - 1/28-1945	10/8/1937 - 1/28-1945 CAA	
2nd	RBNG (Pa. DFWS)	NWRC	HR CD	9/21/1937 - 2/8/1952	9/21/1937 - 2/8/1952 Russell L. Lambert	
3rd	RBNG (Pa. DFWS) SR3 (C of E)	NWRC	CD	2/27/1952 - 2/27/1952	2/27/1952 - 2/27/1952 Alvin W. Mangas	Stn. also a reporting unit in CoRd Comm. Reporting Sys. beginning 4/11/52.
4th						
5th						
6th						

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Brownsville Lock #5** County **Fayette** State **Pa.** Index No. **36-1026** Date prepared **1/25/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Station known as	Description of exposure
1st	40° 02' 79° 52'			950	Unknown	Brownsville	Unknown
2nd	40° 00' 80° 00'			736	Unknown	7.4 mi. Brownsville	Unknown
3rd	40°01'16"79°53'44"			783	1 mi. N P.O. Brownsville	5.8 mi. Brownsville Lock #5	Gages located between canals about 10 ft. from water.
4th							
5th							
6th							

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	DT SRG	Unknown	# SIA WRI	11-1869 - 4-1873	11-1869 / 4-1873 John A. Hubbs	Record incomplete and unreliable.
2nd	DT SRG	Unknown	WRI	4-1874 - 11-1885	4-1874 / 11-1885 John A. Hubbs	Record incomplete and unreliable.
3rd	RR1G SRG	NWRC	Not	10-1948	10-1948 Workmaster for C of E	RR1G property of USGS.
4th						
5th						
6th						

# SIA - Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895).

WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume).

\* Breaks in record: Nov 1869 - June 1871; Oct 1871 - Jan 1872; Sept 1872 - ; Apr 1873 - May 1873, 1874; Apr 1874 - June 1874; Sept 1874 - Dec 1875; Apr 1876 - Jan 1879.

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Buffalo** County **Butler** State **Pennsylvania** Index No. **---** Date prepared **8-17-56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Station known as	Description of exposure
1st	40 04 79 40			1000	Unknown	Buffalo	Unknown
2nd							
3rd							
4th							
5th							
6th							

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	DT	Unknown	SIA	APR 1860 - July 1860	4/1860 - 7/1860 John H. Baird	
2nd						
3rd						
4th						
5th						
6th						

\*Name given as Buffalo Township in "SIA".

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Brunston 1 S** County **Allegheny** State **Penna.** Index No. **36-1033-9** Date prepared **1/15/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Station known as	Description of exposure
1st	40°18'18"79°56'51"			1085	0.9 mi. S of Brunston	Brunston 1 S	SRG in front of Adm. Bldg. on flat land; gnd falls sharply in the immediate area N of gage, rises gradually S.
2nd							
3rd							
4th							
5th							
6th							

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	CD	7/28/1938	7/28/38 - U.S. Bureau of Mines	Experimental Coal Mine. Foxboro recording max. and min. the aneroid in use. Record at site.
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Buffalo Mills** County **Bedford** State **Penna.** Index No. **36-1087-8** Date prepared **1/15/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Station known as	Description of exposure
1st	39°56'40"78°38'40"			1318	At Post Office	Buffalo Mills	Level gnd; gen'l terrain hilly and wooded in obs. yards; adequate exp.
2nd							
3rd							
4th							
5th							
6th							

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	WB, Wash., D.C.	NWRC	8/1/1924	8/1/1924 - Mrs. Nellie E. Brown	
2nd						
3rd						
4th						
5th						
6th						

\* F1008 on file D.C. 8/1/24 - 9/30/51.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Burgettstown 2 W County Washington State Penna. Index No. 36-1106-9 Date prepared 1/15/58

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes 1st through 6th entries.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Includes 1st through 6th entries.

\* Smith Twp. Man. Auth. 1/14/53 -

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Butler County Butler State Pa. Index No. 36-1180-9 Date prepared January 15, 1958

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes 1st through 6th entries.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Includes 1st through 6th entries.

\* Water Resources Inventory -- Penna. Water Supply Commission (one volume)
\* Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1950)
\* William C. Faust 4/1927 -

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Burnt Cabins 2 NE County Huntingdon State Penna. Index No. 36-1116-8 Date prepared 1/16/58

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes 1st through 6th entries.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Includes 1st through 6th entries.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Butler (Boydston Res.) County Butler State Pa. Index No. Date prepared 1/14/58

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes 1st through 6th entries.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Includes 1st through 6th entries.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Bustleton County Philadelphia State Pennsylvania Index No. Date prepared 8-27-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes 1st through 6th entries.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Includes 1st through 6th entries.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Butler (Thorn Run Reservoir) County Butler State Pa. Index No. Date prepared 1/14/58

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes 1st through 6th entries.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Includes 1st through 6th entries.

\* Dates of first and last observations is unknown. The records did begin sometime in 1911.



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form: WBO, Pittsburgh, Pa.

Table with columns: Station (Butler Substation), County (Butler), State (Pa.), Index No. (36-1135-9), Date prepared (6/26/56). Includes location data (Latitude, Longitude, Elevation) and description of exposure (Over ground on 45° W slope; Terrain is hilly and thinly wooded).

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Dates 1st and last observations), Observers and Dates, Remarks. Includes entry for SRG instrument used by West Penn Power Co. in 1937.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Table with columns: Station (Cameron County), County (Cameron), State (Pennsylvania), Index No. (---), Date prepared (8-17-56). Includes location data and description of exposure (2.0 mi NW P.O. Cameron County).

Table with columns: (Con't), Instruments used, Record, Observers and Dates, Remarks. Includes entry for SRG instrument used in 1866 by H. P. Sizer.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: California, County: Washington, State: Pa., Index No.: ---, Date prepared: 8/17/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes location data (Latitude 40°04'00" N, Longitude 79°53'09" W, Elevation 770).

Table with columns: (Con't), Instruments used, Record, Observers and Dates, Remarks. Includes entry for SRG instrument used by California State Teachers College in 1915.

\* WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume) CWB - Report of Chief of Weather Bureau (continuation of OSO) (1891 - 1930)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Camp Hill, County: Cumberland, State: Pennsylvania, Index No.: 36-1198-4, Date prepared: Jan 25, 1966

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes location data (Latitude 40°18'00" N, Longitude 76°56'08" W, Elevation 461).

Table with columns: (Con't), Instruments used, Record, Observers and Dates, Remarks. Includes entry for SRG instrument used by Water Supply Commission in 1917-1918.

\* Reports of Penna. Water Supply Commission (1916 - 1920)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Cameron, County: Cameron, State: Pennsylvania, Index No.: ---, Date prepared: 8-17-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes location data (Latitude 41 27, Longitude 78 12, Elevation 964).

Table with columns: (Con't), Instruments used, Record, Observers and Dates, Remarks. Includes entry for SRG instrument used in 1896-1899 by WRI CWB.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Canadensis, County: Monroe, State: Pennsylvania, Index No.: ---, Date prepared: 8-17-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes location data (Latitude 41 12, Longitude 75 16, Elevation 1200).

Table with columns: (Con't), Instruments used, Record, Observers and Dates, Remarks. Includes entry for SRG instrument used in 1943 by Roy L. Sease.

\* Equipment privately owned

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WB Form 530-1  
CH&I:mb  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WB&S, Harrisburg, Pa.

Station: Cannonsburg County: Washington State: Pa. Index No. --- Date prepared: 8/17/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 15'	80° 12'		936	Unknown		Cannonsburg	Unknown
2nd	40° 15'	80° 12'		950	Unknown		Cannonsburg	Unknown
3rd								
4th								
5th								
6th								

Cen't	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG DT	NWRC	WRI SIA PSW WRI BW CWB	Jan. 1856# May, 1878 Aug 1889 - Dec 1897	Jan. 1856 - May 1787 Jefferson College Aug 1889 - Dec 1897 Dr. A. T. Union	(Rev. S. R. Williams) Fragmentary Records 1839 - 1849 Records Fragmentary.
2nd	SRG DT	NWRC				
3rd						
4th						
5th						
6th						

\* WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
SIA - Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
# WRI indicates records Mar 1840 - Oct 1840; Apr 1844 - Mar 1845.

WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WB&S, Harrisburg, Pa.

Station: Canton 1 NW County: Bradford State: Pennsylvania Index No. 36-1216-6 Date prepared: Jan 26, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41°40'	76°50'		1300*	Unknown		Canton	Thermometers exposed on N side of ridge on insulated wall. SRG on grid 40 ft S
2nd	41°40'04"	76°51'52"		1620	0.7 Miles NW	West	Canton 1 NW	Instruments 150 ft SW of obsv home. Sod grnd cover, level & open terrain.
3rd								
4th								
5th								
6th								

Cen't	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	Mr, Wn, SRG	NWRC	SW F CD	Sept 1926	Marble Lab. Inc.	Airway sta. Aug 9, 1938-May 31, 1942.
2nd	Mr, Wn, CRS & DT, SS, SWS, ZONG	NWRC	D HPD	Sept 1926 Aug 9, 1928	Mrs. & Mrs. Stone	Because full coop sta. Apr 27, 1944.
3rd						
4th						
5th						
6th						

\* Approximately - % from building  
# SRG added Mar 1, 1941 - TRMG installed Apr 9, 1941 - Mr, Wn, and CRS installed Oct 20, 1943  
# USWS Climatological Data Summaries, BULLETIN W -- summaries to 1930  
\*\* 11-1-46 to date - Mrs. Mildred Spencer

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WB&S, Harrisburg, Pa.

Station: Carbondale (Aylesworth Creek 18) County: Lackawanna State: Pennsylvania Index No. --- Date prepared: 8-17-56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41 34	75 29		1583	Unknown		Carbondale (Aylesworth Creek 18)	Unknown
2nd								
3rd								
4th								
5th								
6th								

Cen't	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	*SRG	At company office	Not published	Aug 1929 Apr 1942	Aug 1929 - Apr 1942 Scranton-Spring Brook Water Company	
2nd						
3rd						
4th						
5th						
6th						

\*Equipment privately owned

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WB&S, Harrisburg, Pa.

Station: Carlisle County: DuBerland State: Pennsylvania Index No. --- Date prepared: 3-26-57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40 12	77 10		500	U.		---	Same U.
2nd	40 12	77 10		600	U.		U.	Same U.
3rd	40 12	77 10		480	U.		U.	Same U.
4th								
5th								
6th								

Cen't	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	DT	U.	U.	Apr 1849 Dec 1859	Apr 1849 - Oct 1859 C. V. Wilson	Obs taken at Dickinson College
2nd	DT	U.	U.	Dec 1858 Nov 1878	Dec 1858 - Nov 1878 William Cook	
3rd	M X, MN, CRS	U.	PSW, CWB	Jan 1888 Mar 1894	Jan 1888 - Mar 1894 Charles Bines	
4th						
5th						
6th						

WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WB&S, Harrisburg, Pa.

Station: Carlisle County: DuBerland State: Pa Index No. 36-1234-4 Date prepared: 1/26/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40°12'30"	77°10'40"		440	0.8 mi NE		Carlisle Indian Sch	Unknown
2nd	40°12'	77°10'		480	Unknown		Unk.	Unknown
3rd	40°12'	77°12'		460	Unknown		Unk.	Level ground. Gage 30 ft from observers house.
4th					UNKNOWN		Unk.	Unknown.
5th	40°21'20"	77°11'20"		460	0.3 mi N		Unk.	Terrain flat; shelter 100 ft. NW of observers house.
6th								

Cen't	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	DT SRG	NWRC	SW SIA WRI PSW	Jan 1839 # Nov 1878 Jan 1888	Jan 1839 # War Dept, Carlisle Barricks Jan 1888 / Apr 1901	
2nd	SRG	NWRC	CWB	Apr 1901	J. E. Pagan	Located at: 139 A St., Carlisle
3rd	SRG Mx Mn CRS	NWRC	WSC CD	Jan 1, 1915 Feb 26, 1918	1-1915 / 2-28-1918 Clarence E. Miller	Located at: 147 A St., Carlisle
4th	SRG Mx Mn CRS	NWRC	SW CD	Mar 1, 1918	3-1-1918/9-30-1925	
5th	SRG Mx Mn CRS	NWRC	HB CD	Sept 30, 1925 Oct 1, 1925	10-1-1925 / Clarence E. Miller	
6th						

\* SIA - Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895). WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume). PSW - Pa. State Weather Service, Monthly Summaries (1887 - 1895). WSC - Reports of Pa. Water Supply Commission (1915 - 1920). CWB - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930).  
# Broken record of precip: Jan 1839/Dec 1841; Jan 1856/Sept 1859; Dec 1868/Nov 1878.  
% Temp added July 1, 1917.

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WB&S, Harrisburg, Pa.

Station: Carpenters County: Lycoming State: Pennsylvania Index No. --- Date prepared: 8-17-56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41 37	76 51			Unknown		---	Carpenters Unknown
2nd								
3rd								
4th								
5th								
6th								

Cen't	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG, DT	Unknown	SIA WRI	May 1862 Sept 1862	May 1862 - Sept 1862 E. L. McNutt	
2nd						
3rd						
4th						
5th						
6th						



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Carroltown 2 SSE County Cambria State Pa. Index No. 36-1266-B Date prepared 1/24/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

Station originally proposed for Glen Campell, Penna. Unable to find suitable observer. Station closed with no observation taken. Relocated at Carroltown, Penna.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Cassandra County Cambria State Pennsylvania Index No. -- Date prepared 8-17-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Carter Camp County Potter State Pennsylvania Index No. -- Date prepared 8-17-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Catawissa County Columbia State Pa. Index No. 36-1281 Date prepared 12/21/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

Earlier observers unknown. # June 1930 - Mar 1937 W. L. Gearhart

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Carter Camp 2 W County Potter State Pennsylvania Index No. 36-1262 Date prepared 1/25/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

\* Stn. relocated from Carter Camp (Kerhan farm) which was 500 ft. lower elev., Q.V. RR#2 is Pa. Dept. of Forests & Waters (F-SFS) network and begun Sept 1, 1937. # RR#2 & SRG moved about 50 ft SE on 7/20/44. # SRG removed 2/1/49, reinstalled 7/13/50 RR#2. # HB - Hydrologic Bulletin (1939 - 1948)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Cedar Run County Lycoming State Pa. Index No. 36-1301-5 Date prepared 1/11/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

21 & 31 - BRIG at 41°31'20" / 77°26'56" on Pine Creek. # WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume). WSC - Reports of Pa. Water Supply Commission (1915 - 1920). # Charles R. Nivison appointed 7/19/18 by WSC of Pa. when River Sta established. Apointed by USWB eff. 12/20/20. Mrs. Lulu S. Johnston 5-22-52 / 5-21-52.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WMS, Harrisburg, Pa.

Station Center Valley County Lehigh State Pennsylvania Index No. --- Date prepared 8-17-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

\*Privately owned equipment.  
Wgt AND PSW indicate a previous temperature and precipitation record by H. W. Mullen. Elevation 348 for October 1889 through April 1890 - No other information available.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WMS, Harrisburg, Pa.

Station Ceres County McKean State Pennsylvania Index No. --- Date prepared 8-17-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WMS, Harrisburg, Pa.

Station Centerville County Bradford State Pennsylvania Index No. --- Date prepared 8-17-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WMS, Harrisburg, Pa.

Station Chadds Ford County Delaware State Pa. Index No. 36-1342-3 Date prepared 1/25/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WMS, Harrisburg, Pa.

Station Centre Hall County Centre State Pennsylvania Index No. --- Date prepared 8-17-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WMS, Harrisburg, Pa.

Station Chambersburg 1 SSE County Franklin State Penna. Index No. 36-1354-4 Date prepared 2/1/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

\* USWB Climatological Data Summaries, BULLETIN W - summaries to 1930.  
\* Water Resources Inventory - Penna. Water Supply Commission (one volume).  
# Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895).  
& Report of Chief of Weather Bureau (continuation of CSD) (1891 - 1930).



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Chambersburg 1 ESE County: Franklin State: Penna. Index No: 36-1354-4 Date prepared: 2/1/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Dates 1st and last observations), Observers and Dates, Remarks. Includes entries for CRG Mx Mn SRG, RRG, and CRG Mx Mn SRG.

\* US WB Climatological Data Summaries, BULLETIN W - summaries to 1930. # Hydrologic Bulletin (1939 - 1948).

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Charleroi Look 4 County: Westmoreland State: Pa. Index No: 36-1377-9 Date prepared: 2/1/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Dates 1st and last observations), Observers and Dates, Remarks. Includes entries for SRG and RRG SRG.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Chambersburg 2 County: Franklin State: Pa. Index No: - Date prepared: 3/26/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Dates 1st and last observations), Observers and Dates, Remarks. Includes entries for CRG Mx Mn SRG, RRG, and CRG Mx Mn SRG.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Charlestown County: Bedford State: Pennsylvania Index No: - Date prepared: 8-17-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Dates 1st and last observations), Observers and Dates, Remarks. Includes entries for SRG, DT, and RRG, SRG, CRG, SIA.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Charleroi County: Washington State: Penna. Index No: 36-1372-9 Date prepared: 2/1/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Dates 1st and last observations), Observers and Dates, Remarks. Includes entries for RRG and W.Pa. Power Co., Substation.

\* Hydrologic Bulletin (1939 - 1948).

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Cheat Haven County: Fayette State: Pennsylvania Index No: - Date prepared: 8-17-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Dates 1st and last observations), Observers and Dates, Remarks. Includes entries for SRG, WBR, CWB, and West Virginia Development Co. (George F. Powell).

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Chester, County: Delaware, State: Pennsylvania, Index No: 36-1423-3, Date prepared: Feb 1, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes entries for 1st, 2nd, 3rd, 4th, 5th, and 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes entries for 1st, 2nd, 3rd, 4th, 5th, and 6th instruments.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Clarence 4-B, County: Centre, State: Pennsylvania, Index No: 36-1480-7, Date prepared: Feb 1, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes entries for 1st, 2nd, 3rd, 4th, 5th, and 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes entries for 1st, 2nd, 3rd, 4th, 5th, and 6th instruments.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Chromedale, County: Delaware, State: Pennsylvania, Index No: ---, Date prepared: 8-20-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes entries for 1st, 2nd, 3rd, 4th, 5th, and 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes entries for 1st, 2nd, 3rd, 4th, 5th, and 6th instruments.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Clarendon (near), County: Warren, State: Pennsylvania, Index No: ---, Date prepared: 8-21-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes entries for 1st, 2nd, 3rd, 4th, 5th, and 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes entries for 1st, 2nd, 3rd, 4th, 5th, and 6th instruments.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Clairton, County: Allegheny, State: Pennsylvania, Index No: ---, Date prepared: 8-21-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes entries for 1st, 2nd, 3rd, 4th, 5th, and 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes entries for 1st, 2nd, 3rd, 4th, 5th, and 6th instruments.

\*Equipment privately owned

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Claridge, County: Westmoreland, State: Pennsylvania, Index No: ---, Date prepared: 8-21-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes entries for 1st, 2nd, 3rd, 4th, 5th, and 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes entries for 1st, 2nd, 3rd, 4th, 5th, and 6th instruments.

\*Equipment privately owned



Station **Clarion 3 W** County **Clarion** State **Penna.** Index No. **36-185-10** Date prepared **2/8/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	41°13'37" N	79°22'50" W		1520	S. E. 0.2 mi		Clarion	GRD; Exposure good
2nd	41°13'04" N	79°23'19" W		1480	NW 0.4 mi	0.7 mi NW	Clarion	Level Ground; Rear of home
3rd	41°13'35" N	79°23'30" W		1050	NW 1.0 mi	1.3 mi SW	Clarion	Rolling Grd. on N slope of hill At obs. home on slightly rolling grd. Exposure good
4th	41°12'40" N	79°22'42" W		1480	ESE 0.3 mi	0.8 mi NW	Clarion	GRD; 25 ft W of house
5th	41°13'07" N	79°23'17" W		1470	NW 0.4 mi	0.2 mi S	Clarion	GRD; Exposure good
6th	41°13'02" N	79°23'15" W		1480	NW 0.3 mi		Clarion	GRD; Exposure good

(Con't)	Instruments used	Original located	Where published	Dates 1st and last observations	Observers and Dates	Remarks
1st	SRG	NWRC	WRI # HW #	Jan 1888 - Nov 1890	Jan 1888 - Nov 1890 Clarion State Normal School - Records fragmentary	
2nd	SRG, NR1G	NWRC	WRI # HW #	Jan 1891 - Nov 1895	Jan 1891 - Nov 1895 James McCannott	
3rd	SRG, NR1G	NWRC	WRI # HW #	Nov 1901 - Aug 1909	Nov 1901 - Aug 1909 H. H. Gardner	
4th	SRG, NR1G	NWRC	WRI # HW #	Jan 1910 - Jul 1913	Jan 1910 - Jul 1913 John A. & Paul Miller	
5th	SRG, NR1G	NWRC	WRI # HW #	Aug 1, 1913 - Apr 1921	Aug 1, 1913 - Apr 1921 Newton A. Goble	
6th	SRG, NR1G	NWRC	WRI # HW #	Apr 16, 1921 - Jun 1923	Apr 16, 1921 - Jun 1923 Benjamin Cybert	Obs taken 69 N 3rd Ave. Obs taken 340 Liberty St.

# WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)  
 # HW - USWB Climatological Data Summaries, BULLETIN W - summaries to 1930

Station **Clarion 3 W** County **Clarion** State **Penna.** Index No. **36-185-10** Date prepared **2/8/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
7th	41°13'05" N	79°22'25" W		1070	NE 0.6 mi	0.7 mi E	Clarion	Level Grd. on river bck. at water pl and rises sharply both sides of rd
8th	41°11'30" N	79°26'00" W		1114	3.0 mi SW	3.6 mi SW	Clarion	GRD. on bank of river

(Con't)	Instruments used	Original located	Where published	Dates 1st and last observations	Observers and Dates	Remarks
7th	SRG, NR1G	NWRC	HW # CD	Aug 22, 1924 - Jul 31, 1925	Aug 22, 1924 - Jul 31, 1925 John G. Meisinger	Record fragmentary
8th	SRG, NR1G, RRNG	NWRC	HW # HW #	Mar. 1937 - to date	Mar. 1937 - to date Penna. Electric Co.	

# HW - USWB Climatological Data Summaries, BULLETIN W - summaries to 1930  
 # RRNG began Dec. 4, 1936 (Priv. owned)  
 Temp began June 1943

Station **Clauusville** County **Lehigh** State **Pennsylvania** Index No. **36-1805-2** Date prepared **Feb 1, 1966**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	40°36'52" N	76°09'12" W		670	4 Miles WSW		Clauusville	GRD, located between houses 40 ft by gen'l store 0.1 mi W of *
2nd	40°36'50" N	76°09'10" W		670	4 Miles WSW	0.2 mi SE	Clauusville	GRD, located back yard of Lutheran factory-6000 SE of former site **
3rd	40°36'52" N	76°09'12" W		670	4 Miles WSW	0.2 mi NW	Clauusville	Same as first location.

(Con't)	Instruments used	Original located	Where published	Dates 1st and last observations	Observers and Dates	Remarks
1st	SRG	NWRC	CD	8-1-46	8-1-46/7-31-48	Authy C.O. letter May 17, 1946 Oprier Paid
2nd	SRG	NWRC	CD	8-15-48	8-15-48/8-18-53	Mrs. Norma A. Dotterer Paid
3rd	SRG	NWRC	CD	8-18-53	8-18-53	Rev. Robt. A. Lauback Paid
4th	SRG	NWRC	CD	8-18-53	8-18-53	Authy C.O. letter May 17, 1946 Oprier Paid

\* Intersection Rt. 100  
 \*\* (and bldg. S along 100)

Station **Claysville 3 W** County **Washington** State **Penna.** Index No. **36-1512-9** Date prepared **2/9/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	40°06'56" N	80°24'38" W		1150	Unknown		Claysville	Ground; 30 ft. from house; hilly terrain.
2nd	40°07'05" N	80°24'45" W		1150	Direction unknown.	0.3 mi NW	Claysville	Ground; 75' from 2-story bldg.; loca- tion back of Fisher Bldg. on Main St.
3rd	40°07'05" N	80°24'45" W		1150	350' from P.O.	200 ft. Dip. U.	Claysville	Ground; exposure fair; located in yard of Printing Office.
4th	40°07'10" N	80°25'03" W		1170	0.3 mi NW	0.3 mi NW	Claysville	Ground; along side of retention trench; good exposure.
5th	40°06'45" N	80°27'48" W		1000	3 mi. W	2.4 mi NW	Claysville	Ground; on large lawn; creek nearby; good exposure.

(Con't)	Instruments used	Original located	Where published	Dates 1st and last observations	Observers and Dates	Remarks
1st	CRS Mx Mx SRG	NWRC	WRI # HW # CD	4/1/1904 - 12/31/1904	4/1/1904 - 12/31/1904 H. H. Miller	
2nd	CRS Mx Mx SRG	NWRC	WRI # HW # CD	1/1/1905 - 4/30/1921	1/1/1905 - 4/30/1921 E. T. Buchanan	
3rd	CRS Mx Mx SRG	NWRC	WRI # HW # CD	5/1/21 - 4/27/42	5/1/21 - 4/27/42 J. L. Melvin	9/18/41 - 1/27/42 George J. McKeown
4th	CRS Mx Mx SRG	NWRC	CD	11/4/1950	11/4/1950 Boro Water Works	River (Rainfall) rpts. to Pgh.
5th	CRS Mx Mx SRG	NWRC	CD	11/5/1950	11/5/1950 Mfgs. Light & Heat Co.	11/5/50 - Donagel Compressor Pl. River (Rainfall) rpts. to Pgh.

# Water Resources Inventory - Penna. Water Supply Commission (one volume).  
 # USWB Climatological Data Summaries, BULLETIN W - summaries to 1930.  
 # River (Rainfall) reports to Pittsburgh, January, 1942.

Station **Clearfield** County **Clearfield** State **Pa.** Index No. **36-1519-7** Date prepared **3/8/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	41°01'20" N	78°25'50" W		1100	0.3 mi SW		Clearfield	Sod at ren., 7 W 1st St. Town in valley, hills 300-400 ft. higher.
2nd	41°01'20" N	78°26'20" W		1110	0.2 mi S	0.2 mi E	Clearfield	Rainfall (River) observations on roof curved ridge thru Dec-135, thence sod.
3rd	41°01'25" N	78°26'00" W		1120	0.3 mi ESE	0.3 mi ESE	Clearfield	Sod; residence.
4th	41°01'00" N	78°26'10" W		1140	0.5 mi S	0.5 mi SW	Clearfield	Sod
5th	41°01'10" N	78°26'20" W		1110	0.4 mi S	0.2 mi W	Clearfield	Sod 45 ft. from house, half-way up west slope of ridge.
6th	41°01'15" N	78°25'50" W		1250	0.5 mi SE	0.6 mi W	Clearfield	Sod

(Con't)	Instruments used	Original located	Where published	Dates 1st and last observations	Observers and Dates	Remarks
1st	NR1G SRG	NWRC	# DRG CD	12-1-04 - 11-30-34	12-1-04 - 11-30-34 Harry P. Bridge	Orvus R. Gulich, obs. 11/18 - 11/30/34, apparently at same site following 4
2nd	NR1G SRG	NWRC	DRG CD	12-1-34 - 2-29-36	12-1-34 - 2-29-36 Edna M. Hans	
3rd	NR1G SRG	NWRC	CD	3-1-36 - 3-30-37	3-1-36 - 3-30-37 Mrs. Beanie M. Hans	
4th	NR1G SRG	NWRC	CD	4-1-37 - 6-30-37	4-1-37 - 6-30-37 Charles H. Winters	Reporter for "Clearfield Progress"
5th	NR1G SRG	NWRC	CD	7-1-37 - 3-29-39	7-1-37 - 3-29-39 Lewis G. Boyer	CRS, Mx, Mx at this location
6th	NR1G SRG	NWRC	CD	3-30-39 - 2-28-43	3-30-39 - 2-28-43 Otto J. W. Kupers	1-10-39 / 3-30-39 Temp obs. ended 1/31/43, Auth inst. ill 1939.

# Special River Station using same NR1G estab. 5/1/02 (Instr 72 par 1 (d) 4/22/02) obs. Capt. John E. Barden;  
 No records known. # WSO - Reports of Pa. Water Supply Commission (1915 - 1920), & Bridge's death.  
 # Observation taken December through June only through 1932 (precip) and 1934 (River).  
 (See attached 530-1 for Clearfield Climat)

Station **Clearfield** County **Clearfield** State **Pa.** Index No. **36-1519-7** Date prepared **3/8/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
7th	41°01'27" N	78°26'40" W		1140	0.5 mi W	0.4 mi NE	Clearfield	Over sod; rear of residence.
8th	41°01'20" N	78°26'25" W		1100	0.2 mi SW	0.3 mi ESE	Clearfield	Over sod; in residential area; houses 20 ft N, S and SW.

(Con't)	Instruments used	Original located	Where published	Dates 1st and last observations	Observers and Dates	Remarks
7th	SRG NR1G	NWRC	CD	3-1-43	3-1-43 / 4-7-53	William H. Witherow
8th	SRG NR1G	NWRC	CD	4-8-53	4-8-53	Ira Terlice

# Intersection Rt. 100  
 \*\* (and bldg. S along 100)

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form **WBAS, Harrisburg, Pa.**

Station **Clearfield (Climat\*)** County **Clearfield** State **Pa** Index No. **5** Date prepared **3/7/56**

Loca-tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation (ft)	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41°01'20" 78°26'30"			1100	0.3 mi SW	Clearfield (Rtr & Rainfall)	Clearfield	Town in valley surrounded by hills 300-400 ft. higher.
2nd	41°01'55" 78°26'30"			1120	0.5 mi NNE	Clearfield	Clearfield	701 William St., corner Smith St.
3rd	41°01'25" 78°26'00"			1120	0.3 mi ESE	Clearfield	Clearfield	Sod. 409/Looust St.
4th	41°01'10" 78°26'20"			1110	0.4 mi S	Clearfield (Rtr & Rainfall)	Clearfield	Sod.
5th	41°01'15" 78°25'45"			1250	0.5 mi SE	Clearfield	Clearfield	Sod. 45 ft from house, half-way up W. ESE (Rtr & Rainfall) side of ridge; 212 1/2 S. 4th St.

(Con't)	Instruments used	Record		Observers and Dates	Remarks
		Original located	Where published		
1st	SRG	NWRC	CD	12-1-04 / 2-28-08 Harry P. Bridge	See River & Rainfall Station; records December thru June months only.
2nd	CRS SRG Mx Mn	NWRC	CD	3-1-08 / 3-31-13 Raymond G. Ogden	
3rd	CRS SRG Mx Mn	NWRC	CD	11-1-13 / 5-30-38 Edwin W. Hess	John W. Hess (son) 6/1/38 - 1/9/39
4th	CRS SRG Mx Mn	NWRC	CD	1-10-39 / 3-29-39 Leticia G. Rogers	Also River & Rainfall observer 7-1-37 / 3-29-39
5th	CRS SRG Mx Mn	NWRC	CD	3-30-39 / 1-31-43 Otte J. W. Eppers	Temp. obs. ended 1/31/43 Auth. Instr. 1/1939.

\* This card is designated "Climat Station" of Clearfield because of different locations and observers during same period during part of length of record.  
# WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume).  
% (See Clearfield 36-1519-7)

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form **WBAS, Harrisburg, Pa.**

Station **Clearfield SW Nursery** County **Clearfield** State **Pennsylvania** Index No. **36-1522** Date prepared **8-21-56**

Loca-tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation (ft)	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 07	78 32		2120	8.0 miles NW of P.O. at Clearfield	Clearfield SW Nursery	Clearfield SW Nursery	On sod at State Nursery 50' N nearest town. Hilly terrain all directions, considerable marshland north quadrant.

(Con't)	Instruments used	Record		Observers and Dates	Remarks
		Original located	Where published		
1st	SRG, MX, MN, CRS	NWRC	CD	May 1, 1952 / May 20, 1955 Mr. R. R. Hout, Dist Forester	

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form **WBAS, Harrisburg, Pa.**

Station **Clermont** County **McKean** State **Penna.** Index No. **36-1529-10** Date prepared **2/9/56**

Loca-tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation (ft)	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41°01'15" 79°29'15"			2104	0.3 mi. W	Clermont	Clermont	In residential area. Terrain mountainous and heavily wooded.

(Con't)	Instruments used	Record		Observers and Dates	Remarks
		Original located	Where published		
1st	SRG RBG	NWRC	CD HPD #	10/1/51 Mrs. Tillie M. Simonds	Rund located 0.2 mi. SE of obs. home. (Prop. of USE)

\* Hourly Precipitation Data (1951 - )

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form **WBAS, Harrisburg, Pa.**

Station **Clinton Lock #6** County **Armstrong** State **Pa.** Index No. **36-1543** Date prepared **2/9/56**

Loca-tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation (ft)	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°42'43" 79°34'15"			780	5.0 mi N/Preepart PO	Clinton Lock #6	Clinton Lock #6	Located concrete center wall of lock, hilly terrain both sides of river.

(Con't)	Instruments used	Record		Observers and Dates	Remarks
		Original located	Where published		
1st	SRG NRIG	US Eng. Office Pittsburgh	Not	1-1-29 / 1-1-29 / Corps of Engineers	Location same as Kelly Lock #6

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form **WBAS, Harrisburg, Pa.**

Station **Cloe** County **Jefferson** State **Pennsylvania** Index No. **---** Date prepared **8-21-56**

Loca-tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation (ft)	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 56	78 55		1415	APPROX 3 Miles E P. O. Punxsutawney	Cloe	Cloe	On top of dam at Cloe Water Company Reservoir

(Con't)	Instruments used	Record		Observers and Dates	Remarks
		Original located	Where published		
1st	SRG	WSO, WRI, CWS, BW, CD	Nov 18, 1913 / Jan 1932	Nov 18, 1913 - Jan 1932 Cloe Water Company (Employees)	

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form **WBAS, Harrisburg, Pa.**

Station **Clyser** County **Indiana** State **Pennsylvania** Index No. **---** Date prepared **8-21-56**

Loca-tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation (ft)	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 40	79 02		1321	2 Miles SW	Clyser	Clyser	Over and 76' from nearest high object. Located at Sample Run Power Plant

(Con't)	Instruments used	Record		Observers and Dates	Remarks
		Original located	Where published		
1st	SRG	NWRC	CWS, BW, CD	May 1921 / Jan 31, 1935	May 1921 - Jan 31, 1935 Clearfield Bituminous Coal Company (Employees)



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Coal Dale 2 WSW \* County: Schuylkill State: Pa. Index No. 36-1572 Date prepared: 12/28/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Coatesville County: Chester State: Pa. Index No. 36-1594-3 Date prepared: 2/9/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

\* WSP - Water Supply Publication (1908).

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Coalport County: Clearfield State: Pennsylvania Index No. 36-1581 Date prepared: 8-22-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Cogan Station 2 N County: Lycoming State: Pennsylvania Index No. 36-1631-5 Date prepared: 8/22/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

\* country north and south. West upslope to wooded ridge.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Coatesville 1 SW County: Chester State: Penna. Index No. 36-1589-3 Date prepared: 2/9/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

\* USWB Climatological Data Summaries, BULLETIN W -- summaries to 1930. # Hourly Precipitation Data (1951 - ).

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Cogan Station 2 N County: Lycoming State: Pennsylvania Index No. 36-1631 Date prepared: 8/22/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

\* Lycoming Creek # WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume) # CWB - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA  
Station COLEBROOK County LEBANON State PENNSYLVANIA Index No. - Date prepared 8/22/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

\* Name of station did not change to Colebrook until May 1916

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA  
Station Confluence 1 SW Dam County Somerset State Penna. Index No. 36-1705-9 Date prepared 2/9/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA  
Station Columbia County Lancaster State Penna. Index No. 36-1675-4 Date prepared 2/9/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA  
Station Confluence 1 NW County Somerset State Pa. Index No. 36-1710-9 Date prepared 2/9/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

\* W. R. Johnson observer, 1905 - May 3, 1907 (exact date unknown).  
# Water Resources Inventory - Penna. Water Supply Commission (one volume).  
% USWB Climatological Data Summaries, BULLETIN W - summaries to 1930.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA  
Station COLUMBUS County JUNIATA State PENNSYLVANIA Index No. - Date prepared 8/21/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA  
Station Connellsville County Fayette State Pa. Index No. 36-1723-9 Date prepared 2/9/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

\* Daily River Stages publication.  
# 1-1-43 / 7-2-43 Horace Atkins



UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **CONNELLSVILLE 1 E** County: **FAYETTE** State: **PENNSYLVANIA** Index No: **36-1728** Date prepared: **8/22/56**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40 01 79 34, 1145, 1.9 mi. East, Conneltsville 1 E, Over sod on obs. farm in open area. Surrounding terrain hilly and wooded.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, NWRC, HB CD, HPD, Oct 15, 1937, 10/15/37-6/7/51, George Rager, June 7, 1951.

August 29, 1949 gage was moved 45 feet from its former site. No change in latitude, longitude or elevation.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **Cooksburg** County: **CLARION** State: **PENNA.** Index No: **36-1749-10** Date prepared: **2/8/56**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 41°31'59" 79°21'56", 1180, 0.4 mi. NW, Cooksburg, Ground; heavily wooded and very hilly.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, NWRC, CD, 4/1/1955, 4/1/55 - Pa. Dept. Forest & Waters.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **Connellsville 2 E** County: **FAYETTE** State: **PENNA.** Index No: **36-1729-9** Date prepared: **2/8/56**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40°01'27" 79°31'04", 1300, 2.0 mi. E, Connellsville 2 E, Grd.; on obs. farm; gage approx. 100' S of barn; hilly & wooded.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRG (Pa. D FW), NWRC, HPD, 6/8/1951, 6/8/51 - Harry C. Joy, Station relocated from Connellsville 1 E [36-1728] June 8, 1951.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **Cooksburg 2 NW** County: **CLARION** State: **PENNA.** Index No: **36-1750-10** Date prepared: **2/13/56**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 41°02'11" 79°01'04", 1660, 2.0 mi. NNW, Cooksburg 2 NW, 50 ft. S of 30-ft. high maintenance bldg. with trees 75 ft. from gage.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, NWRC, CD, 4/1/1955, 4/1/55 - Pa. Dept. Forest & Waters.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **Conshohocken** County: **MONTGOMERY** State: **PENNA.** Index No: **36-1737-3** Date prepared: **2/13/56**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40°04'15" 75°08'13", 200, 0.5 mi. N, Conshohocken, 1006 Nicole St. Ground; exposure fair at best; Row 2: 40°03'45" 75°01'04", 70, 1 mi. W, Conshohocken, Ground; exposure poor; gage 75' S of bldg. and 200' E of large bldg.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, NWRC, BW CD, 8/1/1933, 8/1/23 - 5/31/47, Russell C. Erb, Auth: CO letter, Aug. 18, 1923. Row 2: SRG, NWRC, CD, 5/31/1947, 6/1/47 - Phila. Elec. Co.

\* USWB Climatological Data Summaries, BULLETIN W -- summaries to 1930.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **Coopersburg** County: **LEHIGH** State: **PA** Index No: Date prepared: **8/21/56**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40° 31' 75° 24', 520, UNKNOWN, Coopersburg, Unknown.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRG DT, NWRC, BW GMB WRI PSM, Dec 1889, 12/1889 - 12/1900, Dr. W. H. Boga.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Coraopolis Neville Island County Allegheny State Penna. Index No. 36-1773-9 Date prepared 2/13/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

\* USWB Climatological Data Summaries, BULLETIN W - summaries to 1930.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Corry County Erie State Pennsylvania Index No. 36-1790-10 Date prepared March 5, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

\* WRI says Jan 1886 \* USWB Climatological Data Summaries, BULLETIN W - summaries to 1930

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Corry County Erie State Pennsylvania Index No. 36-1790-10 Date prepared March 5, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Couderport 1 NE County POTTER State PENNSYLVANIA Index No. 36-1804 Date prepared 8/22/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

\* Previous temp. and precip record by D. W. Rutterworth, elevation 155', published in P.W. for February 1888 through May 1888. No other information available. † wooded. ‡ heavily wooded.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Couderport 1 NNE County POTTER State PENNSYLVANIA Index No. 36-1804 Date prepared 8/22/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 7 to 12.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Rows 7 to 12.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Couderport 1 NNW County POTTER State PENNSYLVANIA Index No. 36-1804 Date prepared 8/22/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 13th to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Rows 13th to 6th.



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WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

STATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Coudersport 2 NW County Potter State Penna. Index No. 36-1805-10 Date prepared 2/15/56

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41°48'07" N	78°02'12" W		2220	2.2 mi. NW		Coudersport 2 NW	Over sod, with 40-ft. trees in immediate vicinity.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG CRS Mx Mn	NWRC	CD	7/27/35 4/17/56	7/27/54 - J. Edward Tidgers	
2nd						
3rd						
4th						
5th						
6th						

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WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

STATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Covington 2W County Tioga State Pa. Index No. 36-1832-6 Date prepared 2/15/56

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41°44'42" N	77°04'13" W		1193	Unknown		Covington 2W	Over sod 75' S of observer's house in open area.
2nd	41°44'50" N	77°07'10" W		1575	2.5 mi W	2.5 mi W	Covington	Over sod in open area 20 ft S of shed and 72 ft E of obs residence.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	CD	12-1-38 4-30-47	12-1-38/2-12-43 Dora Jelliff	
2nd	SRG	NWRC	CD	5-1-47 9/26/56	5-1-47 / 9/26/56 Grover D. Cleveland	Moved to Covington 2WSW (1833). Record not compatible.
3rd						
4th						
5th						
6th						

\* Observers: Banna Haverly 2/12/43 - 4/30/43; Genella C. Evans 5/1/43 - 12/31/43; Grover D. Cleveland 1/2/44 - 4/30/47.

WB Form 530-1

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

STATION HISTORY

Office preparing form WRPC, Chattanooga, Tenn.

Station Coudersport 3 NW County Potter State Pa. Index No. 36-1806-0 Date prepared May 23, 1956

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41°48'30" N	78°02'42" W		2020	3.0 miles N.W.	0.8 mi. NW	Coudersport 3 NW	Area is hilly, heavily wooded and mountainous.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, Jx, Mn, CRS	NWRC	CD	4-17-56	4-17-56 - Miss Elizabeth Neff	Station relocated from Coudersport 2 NW. Not compatible.
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

STATION HISTORY

Office preparing form WRPC, Chattanooga, Tenn.

Station Covington 2 WSW County Tioga State Pa. Index No. 36-1833-6 Date prepared 12/21/56

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41°44'12" N	77°07'00" W		1745	2.1 mi WSW		Covington 2 WSW	Ground exposure at obs. residence; terrain hilly all directions.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	CD	9-27-56	9-27-56 / Galvin R. Packard	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

STATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Coudersport 7E County Potter State Pennsylvania Index No. 36-1809-10 Date prepared March 5, 1956

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41°45'56" N	77°52'42" W		2426	7.3 mi E		Coudersport 7E	Experimental farm; excellent expos- (Camp Potatoes) ure atop wooded plateau at *
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	CD	8-16-1946	8-16-1946 - to date Robert B. Keith - 8-13-47 / 10-31-48 Alton W. Knepley - 5-1-49 / 4-30-50 Gen. D. Ayers - 5-1-50 / 5-11-52 Donald A. Thibault 4-21-58	
2nd						
3rd						
4th						
5th						
6th						

Stn Auth: RONY Ltr 8-16-46, 531.2 Hydro-CR  
Rainfall (river) Services, CO Br 0-4-1, 3-27-50

\*Allegheny Divide

WB Form 530-1

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

STATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Crankside County Indiana State Pa. Index No. 36-1881-9 Date prepared 3/5/56

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°41'29" N	79°10'00" W		1120	1 mi E		Chamberville PO	Over ground; narrow valley at reservoir where Crooked Creek dammed.
2nd	40°40'59" N	79°11'36" W		1035	0.2 mi SE	1.6 mi SW	Crankside	Over ground 25 ft SW of barn and 35 ft W of observer house.
3rd	40°40'59" N	79°11'36" W		1035	0.2 mi SE	0	Crankside	" " " "
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	CRS Mx Mn SRG	NWRC	SW CD	11-18-13 11-30-40	11-18-13 / 2-1920 # Prof. Roe & P.A. RR	Precip. only 11-18-13 / 12-31-29 SRG maintained by Pa. D. F. & W.
2nd	CRS Mx Mn SRG	NWRC	CD	2-4-40	12-4-40 / 3-28-41 Corps of Engineers	
3rd	SRG	NWRC	CD	3-1-41	3-1-41 / Corps of Engineers	
4th						
5th						
6th						

\* Name changed to Chamberville 1/1/30.

# Other observers: John B. Weight 2-1922 / 4-1924; John E. Lewis 4-1924 / 12-3-40.

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
**SUBSTATION HISTORY** Office preparing form WRAS, Harrisburg, Pa.

Station Cresson 1E Summit County Cambria State Pennsylvania Index No. 36-1894 Date prepared 8/22/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 38	78 34	-	2300	1.1 mile east	unknown	Cresson 1E Summit	On roof of Power Co. shed; terrain hilly & wooded.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG	NWRC	CD HB	10/26/37 - 3/15/49 3/15/49	10/26/37 - 3/15/49 Penna Edison Elec Co	(Clair F. Long)
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
**SUBSTATION HISTORY** Office preparing form WRAS, Harrisburg, Pa.

Station Custer City 2W Sangbird County McKean State Pennsylvania Index No. 33-1978-10 Date prepared March 6, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41°04'33"	78°41'00"	-	2120	4.0 Mile SW	Bradford P. O.	Custer City 2W Sangbird	Over ground at oil co. plant 26 ft SE of building.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG, DT	NWRC	CD	Oct 1, 1947 to date	Oct 1, 1947 to date M. D. Roach & Co.	DT privately owned
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
**SUBSTATION HISTORY** Office preparing form WRAS, Harrisburg, Pa.

Station Cresson 2 SE County Cambria State Penna. Index No. 36-1895-8 Date prepared 4/12/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 28	78 35	-	2215	Approx 2 miles SE	-	Cresson	Over sod on sanatorium grounds
2nd								
3rd	40 27	78 34	-	2500	2.1 miles SE	1.2 MI SSE	Cresson 2 SE	Over sod on sanatorium grounds, 60 ft from building.
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG	NWRC	NSC# CWBS CD HB WRI	11/1/13 - 12/31/31 12/31/36	11/1/13 - 12/31/31 Cresson Sanatorium	P. Mollum 11/13 - 3/22 J. C. Burrows 4/22 - 6/25 W. J. Linen 6/25 - 12/31 Francis Gac 1/35 - 12/36
2nd						
3rd	SRG 92mg	NWRC	HPD SRG	4/19/56 -	4/19/56 - Cresson Sanatorium	
4th						
5th						
6th						

# NSC-Reports of Penna. Water Supply Comm. (1915-1920) Joseph Plaza 4/19/56 - 4/19/56  
 § CWB-Report of Chief Weather Bureau (continuation of CSO), John Raymond - Cong 4/19/50 - 4/19/55  
 from 1911-1930, Louis C. Edwards 5/1/55 - 9/30/55  
 \* WRI-Water Resources Inventory-Penna Water Supply Comm. Angus Campbell 10/1/55 - 10/31/55  
 (one volume) Angelo Accellio 11/1/55 -

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
**SUBSTATION HISTORY** Office preparing form WRAS, Harrisburg, Pa.

Station Danville County Montour State Pennsylvania Index No. 36-2013-8 Date prepared March 5, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°07'30"	76°03'11"	-	460	0.2 Mile South	-	Danville	Unknown
2nd	40°07'50"	76°03'00"	-	470	200 ft NE	0.3 MI SE	Danville	SHG over sod in observers yard. Ridge on W. N. & E of gate 26 ft distant.
3rd	40°07'38"	76°03'12"	-	460	0.3 Mile South	0.4 MI S	Danville	SRG over sod in observers yard in residential area.
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG, NRIG	NWRC	CD	12/1/1940 - 12/1/1940 - Aug 13, 1950	12/1/1940 - Aug 13, 1950 Aug 13, 1950 James A. Bryan Aug 14, 1950 - Oct 14, 1950 - Jun 28, 1951 Jun 28, 1951 James A. Bryan	SHG privately owned WB pattern
2nd	SRG, NRIG	NWRC	CD	Jul 1, 1951 to date	Jul 1, 1951 to date Mrs. Marie H. Little	Appointed eff. 7-1-51
3rd	SRG, NRIG	NWRC	CD			
4th						
5th						
6th						

WRI shows record for Feb and Oct 1899 no other info available

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
**SUBSTATION HISTORY** Office preparing form WRAS, Harrisburg, Pa.

Station Clearville 6 NW AP County Clearfield State Pennsylvania Index No. 36-1966 Date prepared 8/22/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 03	78 35	-	2215	5.0 mi. NW	-	Clearville 6 NW AP	Over sod 25' SE of fire shelter, 20' W of office bldg; surrounding area heavily wooded; terrain mountainous; location is on mountain ridge oriented NS.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	A, wind indicator, SR, bar, P, W, M, SS, DT, W, SRG, CEILING LIGHT	NWRC	HB CD	May 15, 1929 Apr 15, 1952	5/19/29-11/10/42 11/10/42-4/15/52	WPA Personnel Weather Bureau Office
2nd						
3rd						
4th						
5th						
6th						

\* 1st W SRG added 11/10/42.

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
**SUBSTATION HISTORY** Office preparing form WRAS, Harrisburg, Pa.

Station Darby (SHARON OBSERVATORY) County DELAWARE State PENNSYLVANIA Index No. - Date prepared 8/21/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	39 55	-	-	120	-	-	Darby (Sharon Obay)	-
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	DT, SHG	-	-	Mar 1849 to date	Mar 1849 - June 1856 John Jackson	Records incomplete
2nd						
3rd						
4th						
5th						
6th						



UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station DAUPHIN 3 N County DAUPHIN State PENNSYLVANIA Index No. 36-2029 Date prepared 8/23/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 25	76 56	-	1300	3.0 mi. North	-	Dauphin 3 N	-
2nd								
3rd								
4th								
5th								
6th								

(Cont.)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SG	NWRC	CD	Apr 9, 1941 Mar 30, 1950	1/18/42 1/19/42-4/30/42 5/1/42-10/8/43	Davis Is- land Dam Gage over concrete, above grd 3 1/2' on Ohio River, trend NW SE. Study to the SW rise 300'.
2nd				Apr 9, 1941 Mar 30, 1950	1/18/42 1/19/42-4/30/42 5/1/42-10/8/43	Davis Is- land Dam Gage over concrete, above grd 3 1/2' on Ohio River, trend NW SE. Study to the SW rise 300'.
3rd						
4th						
5th						
6th						

Installation of Automatic  $E_{410}$  Relay equipment; no longer requires operator.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Devault 1W County Chester State Pennsylvania Index No. 36-216-3 Date prepared March 6, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 04	76 52	45	350	0.5 Mile West	-	Devault 1W	80 ft E of mountainous bldg.
2nd								
3rd								
4th								
5th								
6th								

(Cont.)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, Mx, Mn, CRS	NWRC	CD	Jun 1, 1951 to date	Jun 1, 1951 to date	Pa. Turnpike Commission
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station DAVIS ISLAND DAM County ALLEGHENY State PENNSYLVANIA Index No. - Date prepared 8/23/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 29	80 04	-	720	-	-	Davis Is- land Dam	Gage over concrete, above grd 3 1/2' on Ohio River, trend NW SE. Study to the SW rise 300'.
2nd								
3rd								
4th								
5th								
6th								

(Cont.)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SG	NWRC	CD	Jan 17, 1891 Aug 31, 1922	1/1891-8/31/1922	U. S. Engineer, Pittsburg, Pa.
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station DILLINGERVILLE County LEHIGH State PENNSYLVANIA Index No. - Date prepared 8/23/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41	76	-	-	-	-	Dillinger- ville	-
2nd								
3rd								
4th								
5th								
6th								

(Cont.)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	DT, SRG	-	WRI	1854 Jan 1886	1854- 1885	Harry W. Kaufmann W. F. Roeder
2nd						Records incomplete
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Derry County Westmoreland State Pennsylvania Index No. 36-2018-9 Date prepared March 5, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 20	09 79	18 08	1172	1 1/2 blocks South	-	Derry	117 E. Third St. Ovr sod in Observers yard in 1/4 mi wide valley
2nd	40 20	09 79	18 08	1150	0.2 Mile NW	-	Derry	117 E. Third St. Ovr sod in Observers yard but moved out from s
3rd	40 20	10 79	18 07	1150	0.2 Mile NW	50 ft N	Derry	Ovr sod in Observers yard near trees in residential area.
4th								
5th								
6th								

(Cont.)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	Mx, Mn, CHS, SRG	NWRC	CD	Sept 1898 Oct 20, 1936 Oct 21, 1936 Jul 21, 1955 Jul 22, 1955	8-19-96/Sept 1922 Sept 1922/6-31-24	David W. Wineman - X William A. Huff Jr. - X Miss N. Dixie Wineman (Apparently P. O. changed location)
2nd	Mx, Mn, CHS, SRG	NWRC	CD	Oct 21, 1936 Jul 21, 1955 Jul 22, 1955	Oct 21, 1936 Jul 21, 1955 Jul 22, 1955	Miss N. Dixie Wineman
3rd	Mx, Mn, CHS, SRG	NWRC	CD	to date	to date	Miss N. Dixie Wineman
4th						
5th						
6th						

\* under trees  
X Miss N. Dixie Wineman intermittently from Jun 1919 - Oct 20, 1936  
# Ted H. Wineman - 6-1-24/8-31-55

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Dingmans Ferry County Pike State Pennsylvania Index No. 36-210-1 Date prepared March 6, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 03	16 74	56 14	350	0.8 Mile East	-	Dingmans Ferry	Gage within 20 ft of 40 ft trees NE of gage
2nd	41 03	16 74	56 14	350	0.8 Mile East	-	Dingmans Ferry	Gage within 20 ft of 40 ft trees NE of gage
3rd	41 06	30 76	50 00	1300	6 Mile NW	6 MI NW	Edgemere	Ovr sod in residential area 50 ft North of hotel.
4th	41 03	16 74	56 12	420	200 ft SW	6 MI NW	Dingmans Ferry	Ovr sod in residential area 50 ft North of hotel.
5th	41 03	26 74	52 12	400	0.1 Mile N	0.2 MI N	Dingmans Ferry	Ovr ground in open area
6th	41 03	16 74	56 14	350	0.6 Mile E	0.6 MI E	Dingmans Ferry	Ovr sod 26 ft SE of Observers residence in open area.

(Cont.)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, RRnG	NWRC	CD, HB	Nov 1939 Mar 30, 1948	11/39- 3-30-48	Richard C. Dyer, Jr. George Parroch - RRnG established Jun 8, 1938
2nd	RRnG	NWRC	CD	Mar 31, 1948 Apr 11, 1949 Apr 12, 1949 Jul 14, 1949	3-31-48-4-11-48 4-12-48-4-11-49	RRnG owned by Pa. D. of P. & W.
3rd	RRnG	NWRC	CD	May 17, 1950	May 17, 1950	Carl Frosser
4th	RRnG	NWRC	CD	May 18, 1950 Oct 18, 1950	May 18, 1950- Oct 18, 1950	Everett Eifenburgh
5th	RRnG	NWRC	CD	Oct 18, 1950	Oct 18, 1950	Everett Eifenburgh
6th	RRnG	NWRC	HPD	to date	to date	Clarence H. Smith

\* Hydrologic Bulletin (1939 - 1948)  
see separate History for Edgemere.

WB Form 530-1

Station Dingmans Ferry County Allegheny State Pennsylvania Index No. 36-2160-1 Date prepared 9-26-56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41°13'18"	78°51'150"		364	0.6 mile east		300 ft. Dingmans Ferry	Ground exposure, 100' E of gate in Delaware River, rolling to flat terrain.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Original located	Where published	Date 1st and last observations	Observers and Dates	Remarks
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	RRNG	NWRC	HPD	8-8-56	8-8-56 - Clyde T. Voorkees	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

Station Donegal County Westmoreland State Pennsylvania Index No. 36-2183-9 Date prepared March 7, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40°06'30"	78°28'00"		1748	0.4 Mile South		Donegal	Eqpt. on slightly rolling ground near maintenance bldg. Exp. excellent
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Original located	Where published	Date 1st and last observations	Observers and Dates	Remarks
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	CD	9-1-48	Pa. Turnpike Commission Sept 1, 1948	Obs. taken by rotating observers Form 1009 by Kenneth Keller for Pa. Turnpike commission.
2nd						
3rd						
4th						
5th						
6th						

\* Sixes type max - min thermometer in non-standard instrument shelter.

WB Form 530-1

Station Dixon County Wyoming State Pennsylvania Index No. 36-2171-8 Date prepared March 12, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41°24'00"	78°53'38"		670	3.3 MI NE P. O. Tunkhannock, Pa.		Dixon	Residence, grd exposure in narrow valley, high wooded hills all dir.
2nd	41°23'30"	78°53'40"		680	3.0 MI ENE P. O. Tunkhannock, Pa.	0.6 MI South	Dixon	Residence, grd exposure in narrow valley, high wooded hills all dir.
3rd	41°23'27"	78°53'55"		700	2.9 MI ENE P. O. Tunkhannock, Pa.	0.3 MI West	Dixon	Residence, grd exposure in narrow valley, high wooded hills all dir.
4th	41°23'30"	78°53'40"		680	3.0 MI ENE P. O. Tunkhannock, Pa.	0.3 MI East	Dixon	Residence, grd exposure in narrow valley, high wooded hills all dir.
5th	41°24'00"	78°53'38"		670	3.3 MI NE P. O. Tunkhannock, Pa.	0.6 MI North	Dixon	Residence, grd exposure in narrow valley, high wooded hills all dir.
6th	41°23'59"	78°53'42"		740	3.3 MI NE P. O. Tunkhannock, Pa.	0.1 MI SW	Dixon	Residence, grd exposure in narrow valley, high wooded hills all dir.

(Con't)	Instruments used	Original located	Where published	Date 1st and last observations	Observers and Dates	Remarks
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG, RRNG, RRIG, CBS, Mx, Mn	NWRC	CD	4-1-49	Howard E. Wiggins 4-1-49/10-17-49	River & precip. obsers. began 4-1-49 Temp & RRNG began 4-13-48
2nd	SRG, RRNG, RRIG, CBS, Mx, Mn	NWRC	CD HPD #	10-20-49	Harold S. Henry 10-20-49/10-15-50	
3rd	SRG, RRNG, RRIG, CBS, Mx, Mn	NWRC	CD HPD #	10-5-50	Donald E. Curtis, Jr. 8-12-52 10-5-50/8-12-52	
4th	SRG, RRNG, RRIG, CBS, Mx, Mn	NWRC	CD HPD #	8-13-52	Le Roy Walker 8-13-52	Same site as location #2
5th	SRG, RRNG, RRIG, CBS, Mx, Mn	NWRC	CD HPD #	8-14-52	Howard E. Wiggins 8-14-52/9-23-52	Same site as location #1
6th	SRG, RRNG, RRIG, CBS, Mx, Mn	NWRC	CD HPD #	10-1-52	Donald E. Curtis, Jr. 10-1-52/3-8-53	

\* Instruments relocated from Tunkhannock 16 (56-898). River & rainfall services auth. by ltr. from CUSWB, C-23, 12-21-48 & amen. 22-49, 5/10-49 to Cite II dated 7-1-48  
 \* Joe A. Slesavich - 8-21-50/10-3-50  
 \* Hourly Precipitation Data (1951 - )

WB Form 530-1

Station Donora County Washington State Pa. Index No. 36-2190-9 Date prepared 3/7/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40°11'12"	79°51'26"		814	0.8 mi NNE		Donora	On roof of machine shop; exposure good.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Original located	Where published	Date 1st and last observations	Observers and Dates	Remarks
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	Tg Psy NS Recorder SRG CBS Mx Mn A	NWRC	CWB * CD	10-10-26	10-10-26 / Donora Zinc Works	Complete set of instruments installed 1923. Circuit C also in use by Mr. Bell, Meteorologist.
2nd						
3rd						
4th						
5th						
6th						

\* CWB - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)

WB Form 530-1

Station Dixon County Wyoming State Pennsylvania Index No. 36-2171-8 Date prepared March 12, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41°23'37"	78°52'28"		680	4.0 MI ENE P. O. Tunkhannock, Pa.	1.2 MI ESE	Dixon	Farm, grd exposure in narrow valley high wooded hills all quads.
2nd	41°23'30"	78°53'40"		680	3.0 MI ENE P. O. Tunkhannock, Pa.	1.1 MI WSW	Dixon	
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Original located	Where published	Date 1st and last observations	Observers and Dates	Remarks
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	CBS, Mx, Mn	NWRC	CD HPD #	3-20-53	Andrew P. Yesul, Sr. 3-20-53	Sub. Obser. Andrew P. Yesul, Jr.
2nd	SRG, RRNG, RRIG, CBS, Mx, Mn	NWRC	CD HPD #	10-4-55	Harold Kuschel 10-4-55	
3rd						
4th						
5th						
6th						

# Hourly Precipitation Data (1951 - )

WB Form 530-1

Station Doylestown County Lehigh State Pennsylvania Index No. 36-2221-3 Date prepared March 7, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40°18'38"	75°07'48"		420	0.1 Mile E		Doylestown	Over sod at Observers residence.
2nd	40°18'42"	75°07'48"		440	0.2 Mile NE	0.1 MI NW	Doylestown	Over sod at Observers residence.
3rd	40°18'21"	75°08'103"		395	0.3 Mile SW	0.5 MI SW	Doylestown	Over sod 75 ft NW of Observers residence in residential area.
4th								
5th								
6th								

(Con't)	Instruments used	Original located	Where published	Date 1st and last observations	Observers and Dates	Remarks
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	HW *	Jan 1, 1889	Jan 1, 1889-Dec 31, 1913	
2nd	SRG	NWRC	CD HW *	Dec 31, 1913	Dec 31, 1913 Alfred W. Wilson	
3rd	SRG	NWRC	CD	Apr 1, 1914	Apr 1, 1914-Feb 21, 1915	
4th	SRG	NWRC	CD	Feb 21, 1915	George S. Hitchkiss	
5th				Feb 22, 1915	to date	
6th					George Hart	

\* USWB Climatological Data Summaries, BULLETIN W - summaries to 1930

WB Form 530-1



UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.  
Station DRAKETOWN County SOMERSET State PENNSYLVANIA Index No. - Date prepared 8/23/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Req., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.  
Station DRY RIDGE RESERVOIR County WESTMORELAND State PENNSYLVANIA Index No. - Date prepared 8/23/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Req., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.  
Station Driftwood County Cameron State Pennsylvania Index No. 36-2245-7 Date prepared March 8, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Req., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

\* WRI shows a period of precip record Jan 1896 - Dec 1902 - no other information available.  
# Water Resources Inventory - Pa. Water Supply Commission (one volume)  
# Reports of Pa. Water Supply Commission (1916 - 1920)  
# H. Mutterstough - 6-15-1919/3-31-1924  
# June 1, 1945 RRNG owned by Pa. D. F. & W.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.  
Station Dubois 7 E County Clearfield State Pa. Index No. 36-2265-7 Date prepared 3/8/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Req., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

\* Precip record WRI Dec 1890 - Sept 1897; No other information available.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.  
Station DRIFTON County LUZERNE State PENNSYLVANIA Index No. - Date prepared 8/23/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Req., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.  
Station DUBRING (NWSR) County FOREST State PENNSYLVANIA Index No. - Date prepared 8/23/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Req., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form WBAS, HARRISBURG, PA.

Station DUNBAR County FAYETTE State PENNSYLVANIA Index No.      Date prepared 8/23/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	39 57	79 36	-	1020	3.0 mi South P.O.	Connelleyville	Dunbar	-
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	DT, SRG	-	SIA WRI	Jan 1876 July 1875	1/1876-7/1875 John Taylor	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form WBAS, HARRISBURG, PA.

Station DUNMORE County LACKAWANNA State PENNSYLVANIA Index No.      Date prepared 8/23/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 25	75 37	-	-	-	-	Dunmore	-
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	DT, SRG	-	NWRC WRI, CD	Jan 1897 July 1897	1/1897-7/1897 Martin Wahl	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form WBAS, HARRISBURG, PA.

Station DUNCANSON County PEERY State PENNSYLVANIA Index No.      Date prepared 8/23/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	-	-	-	356	-	-	Duncanson	-
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	CWB WRI, SW	May 1895 Aug. 1902	5/1895-8/1902	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form WBAS, HARRISBURG, PA.

Station Dushore 3 NE County SULLY State Pennsylvania Index No. 36-2324-6 Date prepared March 8, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41°31'30"	76°54'56"	-	1660	0.5 MI NW	-	Dushore	Gage in open field approx. 250 ft SE of house.
2nd	41°32'40"	76°52'00"	-	1760	3.0 MI NE	ENE	Dushore 3 NE	Over sod 84 ft NE of Observers home. Terrain upslope to N.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	RRNG, SRG	NWRC	CD HPD	1/1900 Nov 16, 1900	11-1900-31-11 Nov 16, 1900	Willie Mosier SRG installed March 24, 1949.
2nd	RRNG, SRG	NWRC	CD HPD	Nov 16, 1900	11-10-50	Patrick P. Ryan
3rd						
4th						
5th						
6th						

WB Form 530-1

\* WRI reports precip record Feb 1897 - Sept 1909 with following observers:  
C. E. Molyneux 2-1897 - 2-1904  
George Stinchley 3-1904 - 12-1906  
J. D. Benjamin 10-1907 - 9-1908 No other information available.  
\* Kenneth Mosier - 4-1-41/11-16-50

WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form WBAS, HARRISBURG, PA.

Station Dunlo County Cambria State Pennsylvania Index No. 56-2286-9 Date prepared March 7, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°57'18"	78°43'30"	-	2440	0.6 MI W	-	Dunlo	Gage in open fld 120 ft NW of Observers residence, terrain hilly & wooded.
2nd	40°57'12"	78°43'24"	-	2410	0.5 MI S	NR	Dunlo	Over sod 80 ft NW of garage.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	RRNG	NWRC	CD HPD	Oct 28, 1937 Apr 10, 1952	Oct 28, 1937-Apr 10, 1952 Mrs. D. L. White	Gage owned by Pa. D. F. & W.
2nd	RRNG, SRG	NWRC	CD HPD	Apr 11, 1952	Apr 11, 1952 Mrs. D. L. White	SRG owned by Corps of Engineers.
3rd						
4th						
5th						
6th						

WB Form 530-1

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form WBAS, HARRISBURG, PA.

Station Dyberry County Wayne State Pa. Index No.      Date prepared 8/23/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41° 38'	75° 18'	-	Unknown	Oregon Twp	1100	Dyberry	Unknown.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG DT	NWRC	PSW WRI SIA CWB SW CD	Jan. 1865 Mar 31, 1903	Jan 1865 - Mar 31, 1903 Theodore Day	Record incomplete
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa. Station: Eagle County: Chester State: Pa Index No: 36-2333 Date prepared: 3/7/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40°04'19" 75°42'35" 420 4.5 MI N DOWNTOWN PO Eagle Ovr sod 54 ft SW of observatory home; few trees in vicinity.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: RRGD SRG Unknown Not 7-1-47 7-1-47 / 9-30-48 10-1-48 / 12-31-50 1-1-51 / E. B. Forrester Earl Morcor, Jr.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa. Station: East Brady County: Clarion State: Pennsylvania Index No: 36-2363-9 Date prepared: March 8, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40°59'10" 79°28'20" 930 1.5 Mile W Brady East Brady Ovr sod 28 ft from nearest high object. Exposure apparently satia. Instruments 25 ft NW of plant bldg and 50 ft E of river.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: CBS, Mr., Mq., SRG NWRC \*RW CD Apr 1918 Dec 1926 Apr 1, 1918-Dec 1926 Edw. H. Dewey May 9, 1949 Rex Hide Inc.

\* USWB Climatological Data Summaries, BULLETIN W -- summaries to 1930

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa. Station: Eagles Mere County: Sullivan State: Pennsylvania Index No: 36-2348-6 Date prepared: March 8, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 41°24'21" 76°34'54" 2060 0.5 MI SE Unk Mere Ovr sod; within 90 ft E of house, wooded area nearby.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: CBS, SRG Unk \* Jan 1, 1888-Jan 31, 1892 R. S. Chase Records fragmentary

\* Pennsylvania state weather service summaries % Reports of Penna. Water Supply Commission (1915 - 1920) # Hydrologic Bulletin (1939 - 1948) \$ Mrs. Elsie Rigger - 3-18-54 to date

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa. Station: EAST BROOK County: LAWRENCE State: PENNSYLVANIA Index No: - Date prepared: 8/23/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 41 05 80 15 1000 - - East Brook

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: DT - - Apr. 1886 Mar. 1889 Lewis Edwin Stunkard Records incomplete

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa. Station: EAST BLOOMSBURG County: COLUMBIA State: PENNSYLVANIA Index No: - Date prepared: 8/23/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: East Bloomsburg

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: VKI SRG - - Jan 1896-Dec 1904 Dec. 1904

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa. Station: EAST SMITHFIELD County: BRADFORD State: PENNSYLVANIA Index No: - Date prepared: 8/23/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 41 58 76 27 1000 - - East Smithfield

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, DT - - May 1859 July 1859 James E. Gray

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station East Waterford SE County Perry State Pennsylvania Index No. 36-2459- Date prepared March 7, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

\* During some periods two observers were on duty. # Apr 40-May 31-54 - John Seaton % Hydrologic Bulletin (1939 - 1948)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station Ebensburg County Cambria State Pennsylvania Index No. 36-2456-9 Date prepared March 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

\* Fragmentary precip record in WRF Feb 1940 to Dec 1941 - Station authorized by U. S. Ltr. dated 7-25-17 % Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930) # Hydrologic Bulletin (1939 - 1948) † to but never took observations Aug & Sep 1942.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station Easton County Northampton State Pennsylvania Index No. 36-2423- Date prepared March 8, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

\* College owned and operates complete set of meteorological instruments. % Water Resources Inventory--Penna. Water Supply Commission (one volume) # Penna. Secretary of Internal Affairs (Tabulations to 1897, Summaries to 1895) \*\* Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station Ebensburg County Cambria State Pennsylvania Index No. 36-2456-9 Date prepared 3-12-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station Eatonville County Wyoming State Pennsylvania Index No. - Date prepared 8/23/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station Edinboro County Pike State Pennsylvania Index No. 36-2501 Date prepared 8/23/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Rows 1st to 6th.



UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WRAS, Harrisburg, Pa.**

Station: **Edinboro** County: **Erie** State: **Pa.** Index No. **36-2614-10** Date prepared: **April 12, 1966**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. Location			
1st	41°52'	80°08'	-	1220	Unknown	-	Edinborough	Unknown	
2nd	41°52'	80°08'	-	1212	Unknown	Unk.	Edinboro	Over sod at observer's residence.	
3rd	41°52'18"	80°09'50"	-	1220	0.3 Miles SSE	0.4 Mi.	Edinboro	Over sod in observer's yard, exposure fair	
4th	41°52'18"	80°07'13.4"	-	1220	0.4 Miles SE	-	Edinboro	On campus over sod about 65 ft. S and E of bldg. 50 ft trees nearby.	
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	Mx, Mn, CRS	NWRC	PSW & CWK	1/1/1889 12/31/1887	1/1/1889 - 12/31/1897 G. F. Sweet	
2nd	SRG	NWRC	WRT & SW **	5/3/1913 5/31/1922	5/1/1913 - 5/31/1922 C. V. Hopkins	On High Street .05 miles from Connecticut Lake, Now Edinboro Lake.
3rd	SRG, H2O	NWRC	CD, HD 55	5/19/1941 1/2/1943	5/19/1941 - 1/9/1943 William J. Snyder ***	Mondville Street
4th	Mx, Mn, CRS, SRG		CD	11/19/1983	11/19/1983	SRG only equipment of USWB Edinboro Sta. Teachers Cdi. Others belong to college *
5th						
6th						

\* Penna. State Weather Service, Monthly Summaries (1889 - 1895)  
\* Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)  
& Water Resources Inventory -- Penna. Water Supply Commission (one volume)  
\*\* USWB Climatological Data Summaries, BULLETIN W -- summaries to 1930  
\*\*\* Hydrologic Bulletin (1939 - 1948) \*\*\* Moved to Albion 4/16/44 - Moved back 11/19/53  
\* Mx, Mn, CRS installed 2/19/43

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WRAS, Harrisburg, Pa.**

Station: **Egypt** County: **Lehigh** State: **Pennsylvania** Index No. - Date prepared: **8/23/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. Location			
1st	40 43	75 32	-	850	-	-	Egypt	-	
2nd									
3rd									
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	DT, SRG		WRT SIA	Sep't. 1870 Apr. 1881	9/1870-J/1881 Edward Kohler	
2nd						
3rd						
4th						
5th						
6th						

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WRRT, Chattanooga, Tenn.**

Station: **Edinboro 7 SW** County: **Crawford** State: **Pa.** Index No. **36-2519-0** Date prepared: **2/19/58**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. Location			
1st	41°48'55"	80°13'14.2"		1200	6.6 mi SW		Edinboro 7 SW	Ground exposure at obs. residence/ terrain mountainous and wooded.	
2nd	41°47'27"	80°12'55"		1200	7.2 mi SW	1.6 mi SSE	Edinboro 7 SW	Ground exposure at obs. residence; generally level terrain.	
3rd	41°49'30"	80°14'14.9"		1120	7 mi SW	1 1/2 mi NW	Edinboro 7 SW	Ground exposure at obs. residence; terrain mountainous & wooded.	
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG	NWRC	CD	4-5-57 6-25-57	4-5-57 / 6-25-57 William Hager	
2nd	SRG	NWRC	CD	6-26-57 9-12-57	6-26-57 / 9-12-57 Thomas H. Young	
3rd	SRG	NWRC	CD	1-3-58	1-3-58 William H. Heintzinger	
4th						
5th						
6th						

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WRAS, Harrisburg, Pa.**

Station: **Elders Ridge** County: **Indiana** State: **Pennsylvania** Index No. - Date prepared: **8/23/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. Location			
1st	40 33	79 32	-	-	-	-	Elders Ridge	-	
2nd									
3rd									
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SHF, DT			December 1852 only	December 1852 only Barnett H. Elroy	
2nd						
3rd						
4th						
5th						
6th						

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WRAS, Harrisburg, Pa.**

Station: **Elizabeth Look 3** County: **Washington** State: **Pa.** Index No. **36-2558** Date prepared: **3/8/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. Location			
1st	40°15'59"	79°53'56"		730	0.9 mi N		Elizabeth Look 3	Located between looks. Land rises sharply about 200' both sides of river.	
2nd									
3rd									
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG NR10	NWRC	Not	8-1-29	8-1-29 Lookmaster C. of E.	
2nd						
3rd						
4th						
5th						
6th						

NOTE: EDINBORO 7SW WAS ERRONEOUSLY CALLED EDINBORO 5SW  
FOR THE PERIOD 4/5/57 - 6/25/57 AND THE DATA  
THEREFROM SO PUBLISHED. THIS HAS BEEN CORRECTED  
IN THE ABOVE SUBSTATION HISTORY FORM.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Elizabethtown, County Lancaster, State Pennsylvania, Index No. 36-2680-4, Date prepared March 8, 1956. Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Record table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

\* Station established as state water supply substation prior to 1930. No other information available. % Hydrologic Bulletin (1939 - 1946)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Elmhurst, County LACRAWANNA, State PENNSYLVANIA, Index No. -, Date prepared 8/23/56. Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Record table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station BLENDALE FORGE, County DAUPHIN, State PENNSYLVANIA, Index No. -, Date prepared 8/23/56. Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Record table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Ebersville, County Chester, State Pa., Index No. 36-2615, Date prepared 3/8/56. Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Record table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station BILWOOD CITY, County LAWRENCE, State PENNSYLVANIA, Index No. -, Date prepared 8/23/56. Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Record table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

\* Station was called Bilwood Junction to March 1908

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station ENIGSVILLE, County YORK, State PENNSYLVANIA, Index No. -, Date prepared 8/23/56. Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Record table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station Emporium 1F, County Cameron, State Pennsylvania, Index No. 36-2633-7, Date prepared March 8, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks

\* R200 estab. at this site 10-21-37 by FSPFS, obs. Fred Pedder thru May 1938; obs. June-Aug 1938 unknown. % Site redet'd by field survey 7-7-53 by WOB-- hills 700-800' higer # remembered 224 West Fourth St. % Report of Chief of Weather Bureau (continuation of CSO) (1891-1930) % Hydrologic Bulletin (1939 - 1946)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station English Center, County Cycomine, State Pennsylvania, Index No. 36-2644, Date prepared March 8, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks

\* Observers and dates - William Sulzer - Oct 4, 1946 - to date No obs taken Oct 18, 1944 - Oct 3, 1946 % Hydrologic Bulletin (1939 - 1946)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station Emporium 2 SW, County Cameron, State Pa., Index No. 36-2634-7, Date prepared 9/27/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks

\* R200 estab. at this site 10-21-37 by FSPFS, obs. Fred Pedder thru May 1938; obs. June-Aug 1938 unknown. % Site redet'd by field survey 7-7-53 by WOB-- hills 700-800' higer # remembered 224 West Fourth St. % Report of Chief of Weather Bureau (continuation of CSO) (1891-1930) % Hydrologic Bulletin (1939 - 1946)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station Ephrata, County Lancaster, State Pa., Index No. 36-2682-4, Date prepared April 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks

\* USWB Climatological Data Summaries, BULLETIN W - summaries to 1930 % Water Resources Inventory -- Penna. Water Supply Commission (one volume) % Penna. Secretary of Internal Affairs (Tabulations to 1897, Summaries to 1895) % USWB Climatological Data Summaries, BULLETIN W - summaries to 1930 % Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station Emworth Locks and Dam, County Allegheny, State Penna., Index No. 36-2662, Date prepared March 8, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks

\* USWB Climatological Data Summaries, BULLETIN W - summaries to 1930 % Water Resources Inventory -- Penna. Water Supply Commission (one volume) % Penna. Secretary of Internal Affairs (Tabulations to 1897, Summaries to 1895) % USWB Climatological Data Summaries, BULLETIN W - summaries to 1930 % Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station Ephrata, County Lancaster, State Pa., Index No. 36-2682-4, Date prepared April 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks

\* USWB Climatological Data Summaries, BULLETIN W - summaries to 1930 % Water Resources Inventory -- Penna. Water Supply Commission (one volume) % Penna. Secretary of Internal Affairs (Tabulations to 1897, Summaries to 1895) % USWB Climatological Data Summaries, BULLETIN W - summaries to 1930 % Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Equinunk County Wayne State Pennsylvania Index No. 36-2669-1 Date prepared March 8, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1st	41°51'20"78"	76°13'30"	-	920	0.3 Mile SE	Equinunk	Ovr sod at observer's residence.
2nd	41°51'18"75"	76°13'45"	-	900	0.1 Mile SW	Equinunk	0.2 mi W of first location, Ovr sod in clearing in valley.
3rd	41°51'18"76"	76°13'46"	-	900	0.1 Mile S	Equinunk	0.1 mile SSE of second location, ovr sod in observer's yard in valley.
4th	41°51'18"76"	76°13'28"	-	900	0.5 Mile SE	Equinunk	Ovr sod; 18 ft of observer's residence and 28 ft E of barn.
5th							
6th							

(Con't)	Instruments used	Record		Observers and Dates	Remarks
		Original located	Where published		
(a)	(b)	(c)	(d)	(e)	(f)
1st	SRG	NWRC	CD HR W	Aug 1, 1945 Apr 23, 1953 Apr 24, 1953 May 15, 1954 May 18, 1954 Apr 5, 1955	Aug 1, 1945-Apr 23, 1953 (Observer paid from PC-18 funds Aug 1, 1945 to Mar 31, 1953. Payments discontinued 3-31-53.) Mrs. Rose H. Nielsen Apr 24, 1953-May 12, 1954 Mrs. H. Nielsen May 15, 1954-May 18, 1954 Mrs. Blanche Dunlap Apr 5, 1955
2nd	SRG	NWRC	CD	Apr 6, 1956	Record will continue at Equinunk-2.
3rd	SRG	NWRC	CD	Apr 6, 1956	
4th	SRG	NWRC	CD	Apr 6, 1956	
5th					
6th					

\* near observer's residence. WB Form 530-1

WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WRPC, Chattanooga, Tenn.

Station Equinunk 2 County Wayne State Pa. Index No. 36-2671-1 Date prepared 11-15-56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1st	41° 51'	75° 13'		910	1/3 mi ESE	Equinunk 2	Ground exposure at obs residence; terrain is hilly all directions.
2nd							
3rd							
4th							
5th							
6th							

(Con't)	Instruments used	Record		Observers and Dates	Remarks
		Original located	Where published		
(a)	(b)	(c)	(d)	(e)	(f)
1st	SRG	WBAS Allentown	Not CD	10-11-56	10-11-56 / Henrietta C. Murray
2nd					Publication in CD started 1/1/57; record continues from Equinunk(2669) closed.
3rd					
4th					
5th					
6th					

WB Form 530-1

WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Everett 1 SW County Bedford State Pa. Index No. 36-2721-8 Date prepared March 12, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1st	UNKNOWN			UNKNOWN		Everett	UNKNOWN
2nd	40°00'35"	78°22'30"		1050	0.3 mi NW	U	Everett UNKNOWN
3rd	40°00'40"	78°22'30"		1000	0.2 mi SW	0.1 mi N	Everett UNKNOWN
4th	40°00'20"	78°23'05"		1020	0.8 mi SW	0.7 mi N	Everett UNKNOWN
5th	40°00'18"	78°23'04"		1020	0.7 mi SW	0.1 mi SE	Everett UNKNOWN
6th							

(Con't)	Instruments used	Record		Observers and Dates	Remarks
		Original located	Where published		
(a)	(b)	(c)	(d)	(e)	(f)
1st	SRG, Mr, Mn, CWS	UNKNOWN		May 1897 May 1899 June 1899	May 1897 - May 1899 Ralph H. Bengtson June 1899 - Aug 1900
2nd	SRG, Mr, Mn, CWS	UNKNOWN		Jan 1901 Oct 1913	Jan 1901 - Oct 1913 B. L. Steinhilber
3rd	SRG, Mr, Mn, CWS	NWRC	CD	Nov 1913	Nov 1913 - Oct 1923
4th	SRG, Mr, Mn, CWS	NWRC	CD	Oct 1923	Oct 1923 - June 18, 1943
5th	SRG, Mr, Mn, CWS	NWRC	CD, HFD	June 18, 1943 to date	June 18, 1943 to date Penna Turbulence Commission
6th					

\* SRG moved 250 ft to recording page, 7/11/57. WB Form 530-1

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station FACTORYVILLE County TOMING State PENNSYLVANIA Index No. - Date prepared 8/23/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1st	41 30	75 45	-	1060	-	-	Factoryville
2nd							
3rd							
4th							
5th							
6th							

(Con't)	Instruments used	Record		Observers and Dates	Remarks
		Original located	Where published		
(a)	(b)	(c)	(d)	(e)	(f)
1st	DT, SRG	-	WRI, SIA	April 1864 June 1864	Apr. 1864-June 1864 George C. Green
2nd					
3rd					
4th					
5th					
6th					

WB Form 530-1

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station FAIRFIELD County ADAMS State PENNSYLVANIA Index No. - Date prepared 3/26/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1st	39 47	77 22	-	600	-	-	Fairfield
2nd							
3rd							
4th							
5th							
6th							

(Con't)	Instruments used	Record		Observers and Dates	Remarks
		Original located	Where published		
(a)	(b)	(c)	(d)	(e)	(f)
1st	SRG	NWRC	IB	Jan. 1935 Mar. 1940	Jan. 1935-Mar. 1940 Soil Conservation Service
2nd					
3rd					
4th					
5th					
6th					

WB Form 530-1

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station FAIR CREEK County JEFFERSON State PENNSYLVANIA Index No. - Date prepared 8/23/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1st	41 09	78 49	-	1495	3.0 mi. West	-	In top of dam-no obstruction Falls Creek in country
2nd							
3rd							
4th							
5th							
6th							

(Con't)	Instruments used	Record		Observers and Dates	Remarks
		Original located	Where published		
(a)	(b)	(c)	(d)	(e)	(f)
1st	SRG	NWRC	WBAS, CWS	Oct. 23, 1913 June 30, 1932	10/23/13-6/30/32 Joseph S. Small (Kyle Water Company)
2nd					
3rd					
4th					
5th					
6th					

WB Form 530-1



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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WEAS, HARRISBURG, PA.

Station FALLEGINGTON County BUCES State PENNSYLVANIA Index No. - Date prepared 8/23/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mst	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40 12	74 48	-	80	-	-	Fallegington	-
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	DT, SRG	-	PSV, WRI STA	Jan. 1860 Oct. 1867	Jan. 1860-Mar. 1876 Ebenezer Hance	Oct. 1878-Oct. 1887 Mablen Gillinchoe, Phila. Water Dept
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WEAS, HARRISBURG, PA.

Station FAYETTE TANNERY County FAYETTE State PENNSYLVANIA Index No. - Date prepared 8/23/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mst	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40 02	79 32	-	891	2.0 MI. N. of Connellsville	-	Fayette Tannery	-
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	DT, SRG	-	WRI, STA	Jan. 1862 Nov. 1873	Jan. 1862-Nov. 1873 J. Taylor	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WEAS, HARRISBURG, PA.

Station FARRANDSVILLE County CLINTON State PENNSYLVANIA Index No. - Date prepared 8/23/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mst	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41 10	77 30	-	583	-	-	Farrands- ville	-
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	-	WRI, CWB	Jan. 1896 Nov. 1899	Jan. 1896-Nov. 1899 -	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WEAS, HARRISBURG, PA.

Station FLEMING County CLINTON State PENNSYLVANIA Index No. - Date prepared 8/23/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mst	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40 58	77 53	-	780	-	-	Fleming	-
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	DT, SRG	-	WRI, STA	1839 June 1867	1839-June 1867 Samuel Brugger	Records incomplete
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WEAS, Harrisburg, Pa.

Station Farrell Sharon County Mercer State Pa. Index No. 36-2914-10 Date prepared April 12, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mst	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41° 15'	80° 30'	-	940	Unknown	-	Sharon	On grad at Civil Eng. Office, Carnegie Steel Co., Farrell, Pa., 230 Tanager St. #
2nd	41° 13'	80° 30'	-	940	Unknown	Unk.	Sharon	At shops of Carnegie Steel Co.
3rd	41° 13'	80° 30'	-	940	0.3 Miles P. O. Farrell, Pa.	Unk.	Sharon	At shops of C.S. Co., at Farrell, Pa. directly adjoining Sharon, over cinders.
4th	41° 13' 12"	80° 30' 27"	-	855	0.1 Mile West	Unk.	Sharon	On ground near switch tower between RR tracks.
5th	41° 13' 45"	80° 30' 27"	-	855	0.1 Mile West	Unk.	Sharon	On lawn of company hospital, 800' E of furnace which do not affect thermometer.
6th	41° 13' 45"	80° 30' 27"	-	855	0.1 Mile West	ESR	Sharon	On lawn at rear of office bldg.

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	Tx, Hx, Mx, CRS, SRG	NWRC	CD SW*	Aug 1, 1912 - 1926	Employees of Steel Co.	
2nd	Tx, Hx, Mx, CRS, SRG	NWRC	CD SW*	- 1928 - 1938	Employees of Steel Co.	1 shelter at shops of C.S. Co. in willy 940' with SRG, 1 shelter at ob resid. on hilltop-1080 ft.)
3rd	Tx, Hx, Mx, CRS, SRG	NWRC	CD	Dec 22, 1949 Dec 23, 1949	Employees of Steel Co.	
4th	Hx, Mx, CRS, SRG	NWRC	CD	Sep 1, 1950	Employees of Steel Co.	
5th	Hx, Mx, CRS, SRG	NWRC	CD	Sep 2, 1950	Employees of Steel Co.	Relocated instruments 525 N of prev. location all RR equipment installed.
6th	Hx, Mx, CRS, SRG	NWRC	CD	Oct 17, 1951 Oct 18, 1951	Employees of Steel Co.	Relocated instruments 478 SE of previous location.

\* USWB Climatological Data Summaries, BULLETIN W -- summaries to 1950 # 38 ft. from nearest bldg. WB Form 530-1

WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WEAS, Harrisburg, Pa.

Station Ford City 4 S Dam County Armstrong State Pa. Index No. 36-2942-9 Date prepared April 12, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mst	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 42' 57"	79° 30' 23"	-	950	4.1 Mile S P.O. at Ford City, Pa.	-	Crooked Creek Ford City	Over sod in open flat area, Exp. excellent.
2nd	40° 42' 57"	79° 30' 23"	-	950	4.1 Mile S P.O. at Ford City, Pa.	800 Ft R (CRS)	Ford City 4 S Dam	Over sod in open flat area. Exp. excellent.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG, Hx, Mx, CRS, Mx, CRS, SRG	NWRC	CD	Jun 18, 1940 May 24, 1948	Jun 18, 1940-May 24, 1948 U.S. Engineer Employees	Hx, Mx added 12/8/40, CRS, Mx, Mx added 7/20/48.
2nd	CRS, Mx, Hx	NWRC	CD, HPP	May 28, 1946	U.S. Engineer Employees	
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.  
Station FORKS OF MUSHKIMY County BUCKS State PENNSYLVANIA Index No. - Date prepared 8/24/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 1st, 39 44, 77 18, -, 800, -, Forks of Mushkimy.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Row 1: 1st, MI, MN, CBS, SFG, NWRC, FSW, WEI, SIA, CWB, SW, CD, Sept. 1894, Sept. 1894-Dec. 1896, May 1898-1912, 1912-Dec. 31, 1913, John Kirk.

\* Thermometer was DT at beginning of record. WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.  
Station FOUNTAIN DALE County ADAMS State PENNSYLVANIA Index No. - Date prepared 8/24/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 1st, 39 44, 77 18, -, 800, -, Fountain Dale.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Row 1: 1st, DT, SFG, NWRC, WEI, SIA, RM, Apr. 1867, Apr. 1867-Sept. 1872, S. C. Walker, Record incomplete.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.  
Station FOREST CITY S N County SUSQUEHANNA State PENNSYLVANIA Index No. - Date prepared 8/24/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 1st, 41 39, 75 28, -, 1470, -, Forest City, On top small bldg. 12' above road 500' from nearest high bldg. located in a forest.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Row 1: 1st, SFG, NWRC, CAB, RW, Apr. 7, 1921, 4/1/21-12/2/37, 1/1/38-1/31/39, L. L. Whipple / Frank Kelleher.

\* USGS - C & Water-tide recorder at 41° 41' 52", 75° 28' 25", 2 1/2 mile North of Forest City on Lackawanna River. WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.  
Station FOUR-RITE RUN County LEHIGH State PENNSYLVANIA Index No. - Date prepared 8/24/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 1st, 41 34, 78 38, -, 830, -, FOUR-RITE Run.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Row 1: 1st, DT, SFG, WRI, May 1875, May 1875-Jan. 1877, Charles M. Heitzman.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.  
Station FORT MIFFLIN County DELAWARE State PENNSYLVANIA Index No. - Date prepared 8/24/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 1st, 39 53, 75 13, -, 20, -, Fort Mifflin.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Row 1: 1st, DT, SFG, WRI, SIA, Jan. 1820, Jan. 1820-Oct. 1853, Commanding Officer, Record incomplete.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, HARRISBURG, PA.  
Station FOX CHASE County PHILADELPHIA State PENNSYLVANIA Index No. - Date prepared 8/24/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 1st, 40 05, 75 09, -, 71, -, Fox Chase.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Row 1: 1st, DT, SFG, July 1860, July 1860-Jan 1861, Joseph C. Nuttindale, M. D.

WB Form 530-1



UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Station Foxburg County Clarion State Pennsylvania Index No. - Date prepared 8/24/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from, Station known as, Description of exposure. Row 1: 41°09' 79°00' - Foxburg

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Row 1: SRS, NWAC, CWB, Feb 1922, July 1922, H. P. Walbridge

\* Equipment owned by Clarion River Hydroelectric project.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Station Freeland County Lucerne State Pa. Index No. 36-3066-1 Date prepared April 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from, Station known as, Description of exposure. Row 1: Unk., Unk., - Unk., Unknown, - Freeland

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Row 1: SRS, NWAC, NWAC, Jul 1, 1914, John C. Strub

\* BW shown fragmentary precip record starting Jan 1884.  
# USWB Climatological Data Summaries, BULLETIN # -- summaries to 1930  
% Water Resources Inventory--Penns. Water Supply Commission (one volume)  
\*\* Hydrologic Bulletin (1939 - 1948)

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Station Franklin County Venango State Pa. Index No. 36-3028-# 0 Date prepared April 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from, Station known as, Description of exposure. Row 1: 41°24' 79°50' - Franklin

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Row 1: SRS, NWAC, NWAC, Oct 1867, Jan 1867, George S. Smith Jr.

\* SIA Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895) \*\*\*6/23/35-11/30/36  
% USWB Water Resources Inventory--Penns. Water Supply Commission (one volume) Raymond Walters  
# USWB Climatological Data Summaries, Monthly Summaries (1897 - 1930) \* WBI shows record Feb 1840-Dec 1840  
## USWB Report of Chief of Weather Bureau (continuation of CSOO 1891 - 1930) record fragmentary  
### USWB Hydrologic Bulletin (1939 - 1948) % RSN installed 9/27/37

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Station Freeport County Armstrong State Pennsylvania Index No. - Date prepared 8/24/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from, Station known as, Description of exposure. Row 1: 40°41' 79°54' - Freeport

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Row 1: SRS, DT, - Mar. 1849, Mar. 1849-Dec. 1852

\* Temperature observations began Feb. 1903  
# M. H. Alter--August 1877-June 1888 Mrs. Anna E. Burtner--Feb. 1903-Feb. 1909  
# Amada B. Alter--October 1868-Unknown Clarence C. Gibson--Jan. 1913-Dec. 31, 1932

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Station Frasser County Chester State Pa. Index No. 36-3012 Date prepared March 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from, Station known as, Description of exposure. Row 1: 40°02'10" 77°59'10" - 430

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Row 1: SRS, Unknown, Not pub., June 9, 1952, Joseph S. Bowen

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Station Galeton County Potter State Penns. Index No. 36-3130-7 Date prepared April 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from, Station known as, Description of exposure. Row 1: 41°44'00" 77°39'30" - 1325

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Row 1: SRS, NWAC, CD, Feb 21, 1931, Henry Lush

\* HD - Hydrologic Bulletin (1939 - 1948)

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station GANOHA LAKE County SULLIVAN State PENNSYLVANIA Index No. - Date prepared 8/24/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41 21	76 19	-	2275	11.8 MI. NW OF F.O. Benton, Pa.	-	Ganoga Lake	-
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	WRI BW	May 1908-Dec. 1915	May 1908-Dec. 1915 H. B. Hackett	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station George School County Bucks State Pa. Index No. 36-3200-3 Date prepared April 12, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40°14'	74°56'	-	170	Unknown	-	Newtown	Unknown
2nd	40°12'46"	74°56'108"	-	150	0.2 Miles SW	Unk.	George School	Over sod in rear of Science Hall.
3rd	40°12'50"	74°56'58"	-	184	0.1 Miles NW	Unk.	George School	Over sod near tennis courts and line of trees.
4th	40°12'48"	74°56'105"	-	135	0.2 Miles West	West	George School	Over sod near railroad station on campus.
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	Unk.	Unk.	Mar 1, 1839 Jun 30, 1843	Mar 1, 1839-Jun 30, 1843 L. W. Parsons	
2nd	SRG, Mx, Mn, CBS	NWRC	SW WRI #	Dec 3, 1902 Jun 30, 1941	Dec 3, 1902 N. W. Swayne	12/1/06-8/31/10 9/1/10-6/30/41
3rd	SRG, Mx, Mn, CBS	NWRC	CD	Jul 1, 1941 Jun 30, 1950	N. W. Swayne George H. Hart	7/1/41-6/30/48 7/1/48-6/30/50
4th	SRG, Mx, Mn, CBS	NWRC	CD	Jul 1, 1950	George H. Hart	7/1/50
5th						
6th						

\* Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)  
 † USWB Climatological Data Summaries, BULLETIN W--summaries to 1930  
 ‡ Water Resources Inventory--Penna. Water Supply Commission (one volume)

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Geigertown County Berks State Pennsylvania Index No. 36-3189-2 Date prepared March 12, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40°12'48"	76°50'00"	-	400	0.3 Mile NE	-	Geigertown	Over sod, surrounded by trees on N and E within 25 ft.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	HE CD	Aug 15, 1948	Aug 15, 1948 - Walter Wolf	
2nd						
3rd						
4th						
5th						
6th						

\* Hydrologic Bulletin (1939 - 1948)

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Gettysburg County Adams State Pa. Index No. 36-3218-4 Date prepared April 12, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	Unk.	Unk.	-	553	Unknown	-	Gettysburg	Unknown
2nd	Unk.	Unk.	-	624	Unknown	-	Gettysburg	Unknown
3rd	Unk.	Unk.	-	Unk.	Unknown	-	Gettysburg	Unknown
4th	39°28'49"	77°14'26"	-	553	Unknown	-	Gettysburg	Unknown
5th	39°28'40"	77°13'52"	-	540	Unknown	1.4 MI. NW	Gettysburg	Over sod 15 ft. N of one story bldg. in residential area.
6th	39°28'06"	77°13'52"	-	510	0.3 Miles South	NN	Gettysburg	

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG, DT	NWRC	HS* WRI #	Jan 1, 1839 Feb 1, 1865	Jan 1, 1839-Feb 1, 1865 Prof. M. Jacobs	
2nd	SRG, CBS, Mx, Mn	NWRC	WRI, WRP, HS*	Aug 1, 1889 2/28/1896	Aug 1, 1889-Mar 1, 1896 H. F. Loehler	Intermittent records.
3rd	SRG, CBS, Mx, Mn	NWRC	SW WRI #	Dec 1, 1896 Sep 30, 1897	Dec 1, 1896 C. F. Zeigler	Intermittent records.
4th	SRG, CBS, Mx, Mn	NWRC	HS* WRI #	Jun 1, 1903 May 28, 1927	Jun 1, 1903 Col. E. B. Cope	516 Baltimore St.
5th	SRG, CBS, Mx, Mn	NWRC	CD	Jun 1, 1927 1941	Jun 1, 1927 Dr. Henry Stewart	230 Baltimore St.
6th	SRG, CBS, Mx, Mn	NWRC	CD, HS*	Dec 31, 1947	Dec 31, 1947 Dr. Henry Stewart	227 Carlisle St.

\* Hydrologic Bulletin (1939 - 1948)  
 † Water Resources Inventory--Penna. Water Supply Commission (one volume)  
 ‡ Penna. Secretary of Internal Affairs (Submissions to 1887, Summaries to 1896)  
 § USWB Climatological Data Summaries, BULLETIN W--summaries to 1930  
 \*\* Penna. State Weather Service, Monthly Summaries (1887 - 1895)  
 †† Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station GENESSEE County POTTER State PENNSYLVANIA Index No. - Date prepared 6/24/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	Approx 41 57	Approx 77 49	-	Approx 1780	Genessee P. O. Approx. 4.3 mi SE Genessee P. O.	-	West Bingham	Over sod in obs. yard just outside of town; station located in valley. Over sod in obs. yard 18' from nearest bldg. sta. in valley. Terrain-hilly.
2nd	42 00	77 53	-	1620	0.3 mile North	4.0 MI S	Genessee	
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	MX, MN, CBS, SRG	-	-	June 5, 1914 July 31, 1927	6/5/14-7/31/27 Frank Johnson	Obs. moved Nov, 1918. But no details available, except apparently remained in same town.
2nd	MX, MN, CBS, SRG	NWRC	CWB	Sept. 1, 1930 March 1, 1932	9/1/30-3/31/32 Frank Johnson	
3rd						
4th						
5th						
6th						

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Gettysburg County Adams State Pa. Index No. 36-3218-4 Date prepared April 12, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	39°49'53"	77°13'53"	-	640	0.1 Mile North	0.2 MI. South	Gettysburg	On roof of newspaper bldg.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG, CBS, Mx, Mn	NWRC	CD HB *	Jan 1, 1948	Jan 1, 1948 Hugh C. Molihenny	
2nd						
3rd						
4th						
5th						
6th						

\* Hydrologic Bulletin (1930 - 1946)



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Gettysburg 1 S County Adams State Pa. Index No. 36-5223-4 Date prepared April 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Glencoe County Somerset State Pennsylvania Index No. 36-3298-8 Date prepared March 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Rows 1st to 6th.

\* Hydrologic Bulletin (1939 - 1946)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Gifford County McKean State Pennsylvania Index No. 36-3237-10 Date prepared March 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Glen Hazel 2 NE Dam County Elk State Pennsylvania Index No. 36-3311-10 Date prepared March 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Girard County Erie State Pennsylvania Index No. - Date prepared 8/24/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Glen Rock County York State Pennsylvania Index No. 36-3330-4 Date prepared March 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WBAS, HARRISBURG, PA.

Station: OLE ROCK (NEAR) County: YORK State: PENNSYLVANIA Index No. - Date prepared: 8/25/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 39 48, 76 44, -, 720, 0.5 mi, -, OLE ROCK (near), Over sod approx. 22 ft. northeast of nearest high object.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Dates 1st and last observations), Observers and Dates, Remarks. Row 1: 1st, BRG, NWBC, HB, CD, Nov. 7, 1944, Nov. 19, 1945, 11/7/44-11/19/45, A. F. Dine

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WBAS, HARRISBURG, PA.

Station: GOBENVILLE County: ARZSTROM State: PENNSYLVANIA Index No. - Date prepared: 8/25/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40 54, 79 23, -, 1440, 10 mi. NW of P. O. at Kittanning, Pa., Gobenville, Over sod 100' S. of obs. barn

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Dates 1st and last observations), Observers and Dates, Remarks. Row 1: 1st, BRG, NWBC, HB, Sept. 22, 1937, 9/22/37-5/21/41, John Ellenberger

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WBAS, HARRISBURG, PA.

Station: GLENGOLDEN County: DUNELMARE State: PENNSYLVANIA Index No. - Date prepared: 8/27/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 39 54, 75 17, -, 50, -, -, GLENGOLDEN, -

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Dates 1st and last observations), Observers and Dates, Remarks. Row 1: 1st, BRG, NWBC, -, Aug. 1943, Aug. 1943, J. K. Brill

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WBAS, HARRISBURG, PA.

Station: GOOD SPRINGS 1 SW County: SCHUTTKILL State: PENNSYLVANIA Index No. 35-3372 Date prepared: 8/22/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40 38, 76 30, -, 1500, 0.7 mi Northwest, -, Good Springs 1 SW, SE of shed. No obstructions. Up slope NW of gate and wooded area.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Dates 1st and last observations), Observers and Dates, Remarks. Row 1: 1st, BRG, NWBC, HB, CD, Dec. 28, 1937, 12/28/37-2/7/51, Penn. Power & Light Co.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WBAS, HARRISBURG, PA.

Station: Glennville Danfields Dam County: Allegheny State: Pennsylvania Index No. 56-3345-9 Date prepared: March 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40°53'100" 80°21'21", -, 710, Unknown, Danfields Dam, Unknown, On middle look wall. Looks oriented NW-SE in narrow valley.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Dates 1st and last observations), Observers and Dates, Remarks. Row 1: 1st, BRG, Unk., Unk., Aug 1929, Aug 1929-Sept 30, 1944, Corps of Engineers

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WBAS, HARRISBURG, PA.

Station: Gordon County: Schuylkill State: Pennsylvania Index No. 36-3379 Date prepared: 8/28/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40°45'08" 76°19'56", -, 900, 0.75 mile northwest, Gordon, Over sod approx 35 ft. SE of obs. house. Hilly terrain all directions

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Dates 1st and last observations), Observers and Dates, Remarks. Row 1: 1st, SRG, Mr, Mn, CRS, NWBC, \$, \$, \$, \$, \$, \$, July 1, 1903, 7/1/1903-July 1928, Capt. John G. Johnson, Sallie M. Johnson

WB Form 530-1

Due to trees equipment was moved a short distance in 1918 and 1950.  
\* WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)  
# CWB - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)  
% HB - Hydrologic Bulletin (1939 - 1948)  
\$ SW - USWB Climatological Data Summaries, BULLETIN W - summaries to 1930



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Gouldsboro County Wayne State Pa. Index No. 36-3394-1 Date prepared March 19, 1966

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

\* Other observers: Gustav Holtz - Feb 1919-Oct 1924 - R. Marshall - Nov 1924-Jan 1939 % USWB Climatological Data Summaries, BULLETIN W--summaries to 1930 # Water Resources Inventory--Penn. Water Supply Commission (one volume) & Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930) § Hydrologic Bulletin (1939 - 1948)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Graterford County Montgomery State Pennsylvania Index No. 36-3435-3 Date prepared March 12, 1966

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

\* Hydrologic Bulletin (1939 - 1948) \*\* Thermometers & Shelter added, 11/25/56. % Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1950) # Claude Kulp - 4-1-20 -

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Grapian County Clearfield State Pennsylvania Index No. - Date prepared 12/28/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Gratz 1 N County Dauphin State Pennsylvania Index No. 36-3438-4 Date prepared March 13, 1966

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Grantville 2 SW County Dauphin State Penna. Index No. 36-322-4 Date prepared March 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Green Lane County Montgomery State Pennsylvania Index No. - Date prepared 8-28-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WRPC, Chattanooga, Tenn.

Station Green Lane 3 NW County Montgomery State Pa. Index No. 36-3488-N Date prepared 7/31/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Greensburg 2 E County Westmoreland State Pa. Index No. 36-3515-9 Date prepared 6/27/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Greencastle County Franklin State Pennsylvania Index No. -- Date prepared 8-28-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Greensburg 25 (Pitler Station) County Westmoreland State Pennsylvania Index No. 36-3510 Date prepared 8-28-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

\*Observer listed name as Westmoreland Water Company until August 25, 1950. Concurrent records of rainfall are available 1-1-42 to 6-30-43 between the last two locations.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Greensboro Lock 7 County Greene State Pa. Index No. 36-3503-S Date prepared April 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Greensburg 3 SE / Unity Reservoir County Westmoreland State Penna. Index No. 36-3516-9 Date prepared June 27, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

\* Unity Reservoir # and heavily wooded. Surrounding terrain very hilly and heavily wooded. \* Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930) \* CD - Climatological Data, Pennsylvania (1914 - ) \* SW - USWB Climatological Data Summaries, BULLETIN W - summaries to 1930 \*\* No. 10, CDS used and owned by observer through 1/31/43. Previous observations June 1871 - Sept 1873 and Feb 1874 - Nov. 1874. No other information available.



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Greenville, County: Mercer, State: Pa., Index No.: 36-5526-10, Date prepared: March 22, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes record table with columns: Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

\* USHC Climatological Data Summaries, BULLETIN W-- summaries to 1930

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Grover, County: Bradford, State: Pennsylvania, Index No.: --, Date prepared: 8-28-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes record table with columns: Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Greenville, County: Mercer, State: Pa., Index No.: 36-5526-10, Date prepared: March 22, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes record table with columns: Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

USHC Climatological Data Summaries, BULLETIN W-- summaries to 1930

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Haldy, County: Mercer, State: Pennsylvania, Index No.: --, Date prepared: Aug 28, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes record table with columns: Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

WB Form 530-1

CHA:jmh

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Grove City, County: Mercer, State: Pa., Index No.: --, Date prepared: 8/28/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes record table with columns: Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

\* WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume) CWB - Report of Chief of Weather Bureau (continuation of GSO) (1891 - 1930)

WB Form 530-1

# The exact date of the change in location was not given.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Hallettsed, County: Susquehanna, State: Pennsylvania, Index No.: --, Date prepared: 8-28-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes record table with columns: Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

WB Form 530-1

Record not considered reliable by \*WRI\*

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WAS, Harrisburg, Pa.**

Station **Harrisburg** County **Dauphin** State **Pennsylvania** Index No. **---** Date prepared **3-26-57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation (ft)	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. location			
1st	40 16	76 53		375	U.		---	Same	U.
2nd									
3rd									
4th									
5th									
6th									

FOR HISTORY OF HAMBURG  
SER PORT CLINTON 36-7116-2.

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, DT	U.	SIA, WRI	Jul 1860 Jan 1877	7-1860 - 7-1870 4-1871 - 1-1873	Samuel Black
2nd						
3rd						
4th						
5th						
6th						

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WAS, Harrisburg, Pa.**

Station **Hanlin** County **Wayne** State **Pennsylvania** Index No. **---** Date prepared **8-28-56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation (ft)	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. location			
1st	41 25	75 26		1100	Unknown		---	Salem Corners	Unknown
2nd	Unknown			1600	Unknown			Hanlinton	Unknown
3rd	Unknown			1600	Unknown			Hanlinton	Unknown
4th	Unknown			1575	Unknown			Hanlinton	Unknown
5th	41 25	75 24		1400	Unknown			Hanlin	Over sod 50' from nearest bldg. Mountainous country; 1/2 M from Moss Hollow Creek
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	DT, SRG	Unknown	WRI, SIA	Apr 1869 Jul 1874	Apr 1869 - July 1874 J. D. Stocker	Records incomplete
2nd	KX, W, CBS, SRG	WVRC	OWB, CD	May 1896	May 1896 - Apr 1900 T. R. Cochran	
3rd	KX, MN, CBS, SRG	WVRC	OWB, CD	Feb 1901 Nov 1903	Feb 1901 - Nov 1903 R. V. Nicholson	
4th	SRG	Unknown	WRI	May 1913	May 1913 - Dec 1915 Unknown	
5th	*SRG	WVRC	OWB, CD	May 1926 Dec 1927	May 1926 - Dec 1927 Mrs. J. T. Stocker	(Penna Power & Light Company)
6th						

\*Age privately owned

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WAS, Harrisburg, Pa.**

Station **Harrisburg East** County **Dauphin** State **Pa** Index No. **---** Date prepared **8-29-56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation (ft)	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. location			
1st	40 16	76 52		540	U.		---	Same	U.
2nd									
3rd									
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	WVRC	WRI, WSC, OWB	Jul 13, 14 1940*	July 1916 - 1940 Ralph Roemer	Water Supply Commission of Pa.
2nd						
3rd						
4th						
5th						
6th						

\*Exact date unknown

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WAS, Harrisburg, Pa.**

Station **Hanover** County **York** State **Pa.** Index No. **36-3662-4** Date prepared **March 20, 1956**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation (ft)	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. location			
1st	39°47'58"	76°08'10"		800	0.7 Miles East			Hanover	808 Avenue Over sod at observer's residence.
2nd	39°49'18"	76°08'55"		895	0.2 Miles NNE			Hanover	306 Abbotttown St. Over sod at observer's residence.
3rd	39°48'20"	76°08'20"		890	0.4 Miles WNW			Hanover	Over sod on grounds of Hanover Public Library.
4th	39°48'08"	76°08'08"		800	0.2 Miles W			Hanover	130-136 Carlisle St. in court yard of Hanover Evening Sun Bldg.
5th	39°48'08"	76°08'08"		800	0.2 Miles W			Hanover	Over sod in yard of Carrie O. Grove, 30 ft. 19 Chestnut St. Flat terrain all dir.
6th	39								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	W, W, CBS, SRG SRG, PV	WVRC	WRI, WSC, OWB	Apr 1, 1904 Jul 31, 1904	Apr 1, 1904 - Jul 31, 1904 Mrs. L.H. Greenwald	
2nd	W, W, CBS, SRG	WVRC	WRI, WSC, OWB	Dec 31, 1911	Dec 31, 1911 - Dec 31, 1911 A. G. Wenz	
3rd	W, W, CBS, SRG	WVRC	WRI, WSC, OWB	Jan 1, 1912	Jan 1, 1912 - Dec 18, 1927 Hanover Public Library	Miss Mabel N. Champlin 1/1-12-5/31/16 Miss Olive M. Ryder 6/1-16-8/31/21 ** Thomas V. Cooper
4th	W, W, CBS, SRG	WVRC	WRI, WSC, OWB	Mar 1, 1928	Mar 1, 1928 - Sep 14, 1946 Hanover Evening Sun	Thomas V. Cooper - 9/13/48-5/30/49 J. Allen Schwartz - 7/1/49-
5th	W, W, CBS, SRG	WVRC	WRI, WSC, OWB	Sep 15, 1946	Sep 15, 1946 - Hanover Evening Sun	
6th						

SIA shows precip record Jan 1875-Sep 1876  
\* USWB Climatological Data Summaries, BULLETIN #--summaries to 1930  
\* WRI-Water Resources Inventory--Penna. Water Supply Commission (one volume) \*\*\* Equipment moved 50 ft E last site, 3/28/57.  
\* Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)  
\* Hydrologic Bulletin (1930 - 1948)

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WAS, Harrisburg, Pa.**

Station **Harrisburg North** County **Dauphin** State **Pa.** Index No. **36-3704-4** Date prepared **March 20, 1956**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation (ft)	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. location			
1st	40°17'45"	76°04'16"		323	2.7 Miles NWN			Harrisburg North	Over sod in observer's backyard, 53 ft. SW of house.
2nd									
3rd									
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	WVRC	WRI, WSC, OWB, CD, WSC	Nov 1, 1917	Nov 1, 1917 - Mr. George S. Paul	SRG originally property of Ph. T. S. & Co.
2nd						
3rd						
4th						
5th						
6th						

\* Reports of Penna. Water Supply Commission (1916 - 1920)  
\* Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)  
\* Hydrologic Bulletin (1930 - 1948)



UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WAS, Harrisburg, Pa.

Station Haverford County Delaware State Pennsylvania Index No. --- Date prepared 8-29-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WAS, Harrisburg, Pa.

Station Bawthorse County Clarion State Pennsylvania Index No. --- Date prepared 8-29-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WAS, Harrisburg, Pa.

Station Hawley County Wayne State Penna. Index No. 36-3758-1 Date prepared March 20, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WAS, Harrisburg, Pa.

Station Hazelton County Luzerne State Penna. Index No. 36-3799-1 Date prepared March 20, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

WB Form 530-1

\* Fragmentary precip record Dec 1870 to June 1876.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WAS, Harrisburg, Pa.

Station Hawley 1 S Dan County Pike State Penna. Index No. 36-3761-1 Date prepared March 20, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WAS, Harrisburg, Pa.

Station Hazelton (near Barnes Run) County Luzerne State Pa. Index No. --- Date prepared 1/8/58

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

WB Form 530-1

\* Hydrologic Bulletin (1939 - 1948)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Hazleton (near) Dreck Creek County Luzerne State Pa. Index No. Date prepared 1/8/58

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40°57'100"75°54'20", 1585, Unknown, Hazleton (near), In valley oriented NE-SW with terrain 300 ft higher NW and SE.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG, Office of Water Co., Not, Jan 1922, Jan 1922 / Hazleton Water Co. (Robert McCoy)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Hickory Run County Carbon State Pa. Index No. Date prepared 1/8/58

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 41°01'42"75°11'3", 1475, Unknown, Hickory Run, On SW slope; mountainous terrain all directions.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG, Unknown, Unknown, 1939, 1939 / unknown National Park Service (Daniel A. Brady, Park Mgr)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Herrs Island Dam County Allegheny State Pennsylvania Index No. Date prepared 0-29-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40 27 79 59, 720, Unknown, Herrs Island Dam, On post 7' above grd. 65' from nearest high object. Near Allegheny River. Terrain to NE and SW is hilly.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG, NWRC, WRI, CWB, CD, Apr 1898 Dec 31, 37, Apr 1898 - Dec 31, 1937 U.S. Engineers (Pittsburgh)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station High Mines Pump Station (Tamaqua) County Schuylkill State Pennsylvania Index No. Date prepared 12-15-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, Unknown, 830, Unknown, High Mines Pump Sta (Tamaqua), Unknown

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG, Unknown, Unknown, Oct 1927 Dec 31, 32, Oct 1927 - 12-31-32 Panther Valley Water Co

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Hewitt 2S County Bedford State Pennsylvania Index No. 36-1897 Date prepared 8-29-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 39 44 78 32, 840, 4.0 miles NE of P.O. Flintstone, Md, Hewitt 2S, Over sod 40' SE of obs house; hilly terrain

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, BRNG, MK, MN, CRS, SRG, NWRC, WB, CD, Dec 16, 39 May 28, 50, 12/16/39 - 6/30/44, Devered G. Roland, 7/1/44-5/24/50 Miss Marie E. Roland

\*Name of station was Hewitt (near) until sometime in 1949 (exact date not given)

#MK, MN, CRS, SRG added May 20, 1944

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Hinkston Run County Cambria State Pennsylvania Index No. Date prepared 8-29-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40 22 78 53, 1380, 1.8 mi N of P.O. at Conemaugh, Pa, Hinkston Run, Unknown

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG, AT company office, WBI, Jan 1902 Dec 1915, Jan 1902 - Dec 1915 Johnstown Water Company



WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
**STATION HISTORY** Office preparing form WRAS, Harrisburg, Pa.

Station Holidaysburg County Blair State Pa. Index No. 36-4001-8 Date prepared March 21, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°28'	78°23'	-	1200	Unknown	-	Holidaysburg	Unknown
2nd	40°28'	78°23'	-	947	Unknown	-	Holidaysburg	Unknown
3rd	40°26'36"	78°24'08"	-	1000	0.6 Miles SW	Unk.	Holidaysburg	Cvr sod 100 ft. NSW of coal company bldg. in open area.
4th	40°26'34"	78°24'03"	-	990	0.6 Miles SW	0.2 Mi. SW	Holidaysburg	Cvr sod in observer's yard 20 ft NSW of residence.
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	DT, SRG	Unk.	PSW* ST & SIA# WRAS	Aug 1, 1893 Dec 31, 1893	Aug 1, 1893-Dec 31, 1893 W. E. Lowrie	
2nd	SRG, CBS, Mk. Un	NWRC	CHS# WRAS	Jan 1, 1898 Dec 31, 1898	Jan 1, 1898-Dec 31, 1898 Prof. J. A. Stewart	
3rd	SRG	NWRC	JD BRAN	Aug 4, 1937 May 2, 1951	Aug 4, 1937-May 1, 1951 John M. Ringler	RRNG owned by Pa. Dept. of F.W.
4th	SRG	NWRC	CD HPD	May 2, 1951	May 2, 1951 John M. Ringler	RRNG owned by Pa. Dept. of F.W.
5th						
6th						

\* Penna. State Weather Service, Monthly Summaries (1897 - 1898)  
 \* Smithsonian Institution (1890 - 1895)  
 \* Penna. Secretary of Internal Affairs (Tabulations to 1897, Summaries to 1895)  
 \* Water Resources Inventory - Penna. Water Supply Commission (one volume)  
 \* Hydrologic Bulletin (1939 - 1948)  
 \*\* USRE Climatological Data Summaries, BULLETIN W--summaries to 1930

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
**STATION HISTORY** Office preparing form WRAS, Harrisburg, Pa.

Station Holtwood County Lancaster State Pa. Index No. 36-4019-4 Date prepared March 21, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	39°49'41"	76°19'56"	-	200	0.2 Miles West	-	Holtwood	SRG E bank of river. Other instruments on roof of Power House.
2nd	39°49'41"	76°19'56"	-	200	0.2 Miles West	-	Holtwood	SRG E bank of river. Other instruments on roof of Power House. Valley oriented NW-SE.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	PSW	Jul 8, 1914 Aug 31, 1919	Pa. Water & Power Co. Jul 8, 1914-Aug 31, 1919	
2nd	SRG, CBS, Mk. Un	NWRC	CD HPD	Sep 1, 1919	Pa. Water & Power Co.	RRNG installed 5/1/41.
3rd						
4th						
5th						
6th						

\* Valley oriented NW-SE.  
 \* USRE Climatological Data Summaries, BULLETIN W--summaries to 1930  
 \* Report of Chief of Weather Bureau (continuation of CSC) (1891 - 1930)  
 \* Hydrologic Bulletin (1939 - 1948)  
 (A) F. O. McCallis Ferry until name changed April 9, 1916--No change in location.

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
**STATION HISTORY** Office preparing form WRAS, Harrisburg, Pa.

Station Hollisterville County Wayne State Pa. Index No. 36-4006-1 Date prepared March 21, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41°28'23"	76°26'12"	-	1360	2.2 Mile NSW P.O. Hamlin, Pa.	-	Hollisterville	Ovr sod 20 ft. SE of large evergreen tree.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	CD	Jan 1, 1928	Pa. PowerLight Co. Dep.	SW property of PPL until replaced Res. Div. SRG in Nov 1944.
2nd						
3rd						
4th						
5th						
6th						

\* John S. Elliott - 1/8/28-9/10/31  
 Leonard S. Elliott - 9/10/31-

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
**STATION HISTORY** Office preparing form WRAS, Harrisburg, Pa.

Station Homs County Indiana State Pa. Index No. 36-4027-9 Date prepared March 21, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°44'33"	79°06'27"	-	1260	0.2 Miles West	-	Homs	Gage in open area approx. 0.1 Mi. E of observer's residence.
2nd	40°44'34"	79°06'28"	-	1265	0.3 Miles NW	250 Ft NW	Homs	Ovr sod, high trees E & W of gage. Terrain hilly and wooded.
3rd	40°44'35"	79°06'24"	-	1230	0.4 Miles NW	500 Ft NE	Homs	Gage approx. 30 ft S of observer's residence on lawn. Terrain hilly & wooded.
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	RRNG	NWRC	CD, HP	Nov 27, 1957 Apr 28, 1961	J. J. McElhines Miss. John McElhines	11/27/57-5/19/59 5/27/61-4/28/61
2nd	RRNG	NWRC	CD HP	Apr 28, 1961 Oct 6, 1964	Miss. John McElhines Miss. Le Sue McElhines	
3rd	RRNG	NWRC	HPD	Oct 6, 1964	Miss. Edna Bush	
4th						
5th						
6th						

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
**STATION HISTORY** Office preparing form WRAS, Harrisburg, Pa.

Station Hollsopple County Somerset State Pennsylvania Index No. --- Date prepared 8-29-56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 13	78 56	---	1650	1.0 mi N of F.O. Jersey Junction, Pa.	---	Hollsopple	Gage located 4 miles above Hollisopple at Quakoning Twp.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	WRI, SW	Jan 1902 Dec 31, 20	Jan 1902 - Dec 31, 1920 Cambria Steel Co	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
**STATION HISTORY** Office preparing form WRAS, Harrisburg, Pa.

Station Honesdale County Wayne State Pennsylvania Index No. --- Date prepared 8-30-56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 36	75 24	---	1003	Unknown	---	Honesdale	Unknown
2nd	41 40	75 37	---	---	Unknown	---	Honesdale	Unknown
3rd	Unknown	---	---	1000	Unknown	---	Honesdale	Unknown
4th	Unknown	---	---	Unknown	Unknown	---	Honesdale	Unknown
5th	Unknown	---	---	Unknown	Unknown	---	Honesdale	Unknown
6th	Unknown	---	---	Unknown	Unknown	---	Honesdale	Unknown

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	Unknown	SIA	July 1839 Feb 1840	July 1839 - Feb 1840 Richardson	
2nd	SRG, DT	Unknown	Unknown	Dec 1851 only	Dec 1851 only W. C. Cobb	(Unknown if there is more of this record.)
3rd	SRG, DT	NWRC	PSW, WRI, SIA, CWB, SW	Jan 1, 82 Mar 1894	Jan 1, 82 - Mar 1894 John Gorray	
4th	SRG, DT	NWRC	PSW, WRI, CBS, Mar '94	Mar 1894 - Feb 1896	Mar 1894 - Feb 1896 Andrew Thompson	
5th	SRG, DT	NWRC	WRI, CBS	Feb 1896 Aug 1896	Feb 1896 - Aug 1896 Geo. V. Tinsley	
6th	SRG, DT	NWRC	WRI, CWB	Aug 1896 July 1897	Aug 1896 - July 1897 John W. Jenkins	

Station Honesdale County Wayne State Pennsylvania Index No. 36-4045 Date prepared 8-30-56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	Unknown	Unknown	Unknown	966	Unknown	Unknown	Honesdale	Unknown
2nd	Unknown	Unknown	Unknown	1000	Unknown	Unknown	Honesdale	Over sod facing north on high ledge back of house
3rd	Unknown	Unknown	Unknown	1150	Unknown	Unknown	Honesdale	Over sod in the garden on a side hill west side of a valley
4th	Unknown	Unknown	Unknown	1160	Unknown	Unknown	Honesdale	Over sod facing northeast.
5th	41 39	76 17	Unknown	1100	7.0 miles N	U.	Honesdale*	U.

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG, MX, MN, CBS	NWRC	WHI, CD, CWF, SW	Sept 1, 14 Mar 24, 17	9/1/14 - 3/24/17 E. W. Stocker	
2nd	SRG, MX, MN, CBS, RRIID	NWRC	CD, CWF, RW	Mar 24, 17 Oct 1, 18	3/24/17 - 10/1/18 J. J. Bawker	
3rd	SRG, MX, MN, CBS, RRIID	NWRC	CD, CWF, RW	Oct 9, 18 Aug 1, 20	10/9/18 - 8/1/20 George Stiller	
4th	SRG, MX, MN, CBS, RRIID	NWRC	CWF, RW	Aug 1, 20 Oct 30, 20	8/1/20 - 10/30/20 Frank X Stegner	
5th	RRNG	U.	U.	Jan 10, 40 Feb 26, 41	1/10/40 - 2/26/41 Leslie E. Walter	

\*Also known as Panners Falls

Station Honey Brook County Chester State Penna. Index No. 36-4045 Date prepared March 21, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	40°05'40"	75°54'55"	Unknown	750	0.1 mi NW	Unknown	Honey Brook	Over sod 75 ft. of observer's residence in back yard.
2nd	40°05'40"	75°54'30"	Unknown	740	0.3 mi E	Unknown	Honey Brook	Over sod 25 ft. E of observer's res. Rollin terrain all directions.

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	RRNG	Unknown	Not pub.	10/21/1946 6/30/1953	10/21/46 - 9/10/53 Lloyd Hershey	9/21/48 - 6/30/50 Herbert Bell

\* other observers - 7/1/50 - 3/31/51 - 4/1/51 - 4/30/51 - 5/1/51 - 5/30/51 - 6/1/51 - 6/50/52  
Mrs. Faith Bell Royal Bell Rev. Graves Rev. F. C. Knopp

7/1/52 - 6/30/53  
Rev. V. H. Smith

Station Honesdale 4 NW County Wayne State Pa. Index No. 36-4043 Date prepared March 20, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	41 37	75 19	Unknown	1110	4.2 miles NW	Unknown	Honesdale 4 NW	Over sod 15 ft SE of barn & 15 ft E of large pond.

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG	NWRC	CD	Jan 1, 1944	Honesdale Water Co. 1/1/44 -	Attn: Mr. George C. Williams.

WB Form 530-1

Station Honey Brook 1 W County Chatter State Pa. Index No. 36-4047-3 Date prepared 8/27/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	40° 06'	75° 56'	Unknown	700	1 mi W	Unknown	Honey Brook 1 W	Ground exposure at obs. farm; terrain is generally rolling.

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG	NWRC	CD	8-8-57	8-8-57	S. H. Kurtz

WB Form 530-1

Station Honesdale 6 N NW County Wayne State Penna. Index No. 36-4044-1 Date prepared 3/20/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	41°39'15"	75°16'55"	Unknown	1060	5.9 miles NW	Unknown	Panners Falls	SRG approx 50' SSE of barn & 25' NE of res. RRNG 75' NE of barn.
2nd	41°39'11"	75°17'05"	Unknown	1050	5.8 miles NW	0.3 mi WSW	Honesdale 6 N NW	Over sod, 25' N of garage. Terrain sharp upslope west of page.

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	RRNG, SRG	NWRC	CD, HB	Jun 10, 1940 Sep. 30, 1950	Leslie E. Walter 10/40-6/30/41 and #	Rainfall (river reporting service added 8/1/44) * are moved 12 ft S, 7/20/57 (to avoid overhanging trees).
2nd	RRNG	NWRC	CD, HPD	Jul 31, 1951	Jul 31, 1951 - to date	Friend E. Walter

WB Form 530-1

Station Hoooversville County Somerset State Pa. Index No. 36-4058-9 Date prepared March 21, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	40°09'23"	78°00'17"	Unknown	1680	0.8 miles NW	Unknown	Hoooversville	About 60 ft. E of Power Co. bldg. (about 20 ft. high)
2nd	40 09	78 55	Unknown	1670	1 mile E PO	0.7 mi SE	same	Area hilly & thinly wooded, becoming very hilly & wooded

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG	NWRC	CD, HB	Apr 1939 8/11/57	4/1939 - Unknown Henry Wertz	Unknown - 9/11/57 William Canby
2nd	SRG	NWRC	CD	9/12/57	9/12/57	James W. Main

\* Hydrologic Bulletin (1939 - 1948)

WB Form 530-1

# 11/25/41-12/31/42  
Carl F. Walter 1/1/43-6/15/50  
Mrs. Alice H. Hoidt 6/16/50-9/30/50  
\* Hydrologic Bulletin (1939 - 1948)  
\*\* Precip record Jan 1882 - Jct 1913 in BW



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

STATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Hop Bottom 2 SE County Susquehanna State Penna. Index No. 36-4066-6 Date prepared 4/12/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

\* HB - Hydrologic Bulletin (1939 - 1948)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

STATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Huntersville County Lycoming State Pennsylvania Index No. 36-30-56 Date prepared 8-30-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

STATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Howard 4SW County Centre State Pennsylvania Index No. 36-4099 Date prepared 8-30-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

STATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Huntington County Huntington State Pa. Index No. 36-4150-8 Date prepared April 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

\* 31 shows a record (precip & temp) Dec 1893 (1 month only). It shows a temp record 1840-1911 (year) Rainfall station also in operation 5/1/95-10/24/42 at 40° 30' lat and 78° 01' long but at different location from client's station. Observers: Lawrence White 5/1/95-7/17/95, George T. English 4/28/25-6/30/25, Marshall DeForest 12/1/25-12/31/36, John W. Zettler 5/1/41-10/24/42. 0-2881 Water Resources Inventory - Penna. Water Supply Com. (one volume) 3-5 Hydrologic Bulletin (1939-1948) 1/2-20 Report of Chief of Weather Bureau (continuation of CSO) - (1891-1930) 4-251 Penna. State Weather Service Monthly Summaries (1887-1896) 4-2534, 5-2534, 6-2534, 7-2534, 8-2534, 9-2534, 10-2534, 11-2534, 12-2534.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

STATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Hulseville County Bucks State Pennsylvania Index No. 36-30-56 Date prepared 8-30-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

STATION HISTORY

Office preparing form CD

Station Huntington County Huntington State Pennsylvania Index No. 36-4159-8 Date prepared 11/2/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Huntsdale County: Cumberland State: Pa. Index No. 36-4106-6 Date prepared: April 12, 1956

Location	Latitude			Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office		Prev. Location	Station known as	Description of exposure
	(a)	(b)	(c)			(d)	(e)			
1st	40°06'08"	79°08'42"	-	-	820	0.8 Miles West	0.3 mi. East	Huntsdale	Huntsdale	Ovr sod in open area near small pond. Ovr sod 40 ft. SSE of observer's residence. Flat terrain all directions.
2nd	40°06'08"	79°08'42"	-	-	910	0.1 Miles North	East	Huntsdale		
3rd										
4th										
5th										
6th										

(Con't)	Instruments used	Original located		Where published	Date 1st and last observations	Observers and Dates	Remarks
		(a)	(b)				
1st	SRG, S30	WRMC	CD, HSE	Feb 1938	Feb 1938 - 5/1945	W. S. Zentow	4/1945-5/19/51 - HRSZ began 6/6/37 Metro Dorosh - owned by Taylor & Co. 5/25/51 - Metro Dorosh
2nd	SRG, S30	WRMC	CD, NPD	Mar 20, 1951	3/20/51 -		
3rd							
4th							
5th							
6th							

\* SRG installed Dec. 1940  
† Hydrologic Bulletin (1939 - 1948)

WB Form 530-1

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Idaho County: Indiana State: Pa. Index No. --- Date prepared: 3-20-57

Location	Latitude			Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office		Prev. Location	Station known as	Description of exposure
	(a)	(b)	(c)			(d)	(e)			
1st	40 39	79 21	-	-	980	2.5 mi W of P.O. at Shelcta, Pa.	---	---	Same	Excellent; on ground at rear of observer's home
2nd										
3rd										
4th										
5th										
6th										

(Con't)	Instruments used	Original located		Where published	Date 1st and last observations	Observers and Dates	Remarks
		(a)	(b)				
1st	SRG, HR10*	U.	U.	Feb 1938	Feb 1938 - May 1939	Mrs. Martha Neal	*RRIG operated by USGS and C of E 2/38 to date. Published in Water Supply Papers. Lat 40 39 15, Long 79 21 00, Elev 980
2nd							
3rd							
4th							
5th							
6th							

WB Form 530-1

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Hyndman County: Bedford State: Pa. Index No. 36-4190-8 Date prepared: 4/12/56

Location	Latitude			Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office		Prev. Location	Station known as	Description of exposure
	(a)	(b)	(c)			(d)	(e)			
1st	39°49'10"	78°43'08"	-	-	920	0.2 Miles East	0.3 mi.	Hyndman	Hyndman	Town in narrow N-S valley; mts 800-1600 higher all quads.
2nd	39°49'20"	78°43'20"	-	-	960	0.2 Miles North	---	Hyndman	Hyndman	Town in narrow N-S valley; mts 800-1600 higher all quads.
3rd	39°49'06"	78°43'16"	-	-	960	0.1 Miles South	---	Hyndman	Hyndman	Town in narrow N-S valley; mts 800-1600 higher all quads. Ovr sod.
4th	39°49'10"	78°43'12"	-	-	940	0.1 Miles North	---	Hyndman	Hyndman	Town in narrow N-S valley; mts 800-1600 higher all quads; potato patch
5th	39°49'10"	78°43'16"	-	-	930	0.1 Miles South	---	Hyndman	Hyndman	Town in narrow N-S valley; mts 800-1600 higher all quads.
6th	39°49'16"	78°43'17"	-	-	940	0.1 Miles North	---	Hyndman	Hyndman	Town in narrow N-S valley; mts 800-1600 higher all quads; flat roof

(Con't)	Instruments used	Original located		Where published	Date 1st and last observations	Observers and Dates	Remarks
		(a)	(b)				
1st	SRG, CBS, Mx, Mh	WRMC	CD, S30	Jan 1908	Jan 1908 - Jan 1907	W. S. Zentow	Temp added Sept. 1908.
2nd	SRG, CBS, Mx, Mh	WRMC	CD, S30	Oct 1907	Oct 1907 - Jun 1908	J. A. Erhard	
3rd	SRG, CBS, Mx, Mh	WRMC	CD, S30	Jul 1908	Jul 1908 - Jul 1912	H. C. Bank	
4th	SRG, CBS, Mx, Mh	WRMC	CD, S30	Jul 1912	Jul 1912 - Dec 1918	H. Somers Fitcher	
5th	SRG, CBS, Mx, Mh	WRMC	CD, S30	Dec 1918	Dec 1918 - Dec 1918	John S. Wendon	
6th	SRG, CBS, Mx, Mh	WRMC	CD, S30	Jun 1, 1928	Jun 1, 1928 - 6/1/28	John S. Wendon	

Sites 1 thru 7 used by field survey 12/16/51 (98)

# Report of Chief of Weather Bureau (continuation of CSO) (1891-1930)

\* USWS Climatological Data Summaries, BULLETIN 11--summaries to 1930

† Water Resources Inventory--Penn. Water Supply Commission (one volume)

WB Form 530-1

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Indiana County: Indiana State: Pennsylvania Index No. 36-4219 Date prepared: 8-30-56

Location	Latitude			Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office		Prev. Location	Station known as	Description of exposure
	(a)	(b)	(c)			(d)	(e)			
1st	40 37	79 09	-	-	1320	0.1 mile North	---	---	Indiana	On level grd 80' N of obs house in yd. Lined area residential level, thinly wooded. Ovr sod 30' N of obs. res. Lined area residential, level, thinly wooded.
2nd	40 37	79 09	-	-	1320	0.15 mile west	0.2 mi SW	---	Indiana	
3rd	40 40	79 10	-	-	1300	Unknown	---	---	Indiana	Unknown
4th	40 37	79 09	-	-	1275	0.25 mile SSE	---	---	Indiana	Ovr sod 60' SE of obs house. Lined area res; slightly hilly, thinly wooded.
5th	40 37	79 10	-	-	1300	0.5 mile SW	---	---	Indiana	On level grd on gently rolling campus. Residential area and thinly wooded.
6th	40 37	79 06	-	-	1450	2.7 miles East	---	---	Indiana	3.0 mi SW

(Con't)	Instruments used	Original located		Where published	Date 1st and last observations	Observers and Dates	Remarks
		(a)	(b)				
1st	SRG	Unknown	SIA	1839 - 1840	1839 - 1840	Thomas White	Months of observations unknown
2nd	SRG, DF	"	SIA	Mar 1859	Mar 1859 - Aug 1858	David Pealor	Records incomplete
3rd	SRG, DF	"	SIA, WRI	Mar 1872	Mar 1872 - Oct 1872	John S. Wendon	
4th	SRG	"	FSW, SIA	to Nov 1887	to Nov 1887	John S. Wendon	
5th	SRG, MX, MN, CBS	WRMC	FSW, CBS, SW	Oct 1, 1887	10/1/87 - 6/15/03	John S. Wendon	
6th	SRG, MX, MN, CBS	WRMC	FSW, WRI, CD	June 15, 1903	June 15, 1903 - 6/15/03	John S. Wendon	

\*Prof Albert E. Maltby 10/1/87 - 8/31/87  
Prof S. C. Schmucker 9/1/89 - 10/31/92  
Prof C. B. Robertson 6/1/96 - 6/15/03

WB Form 530-1

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Hyndman County: Bedford State: Pa. Index No. 36-4501-8 Date prepared: April 12, 1956

Location	Latitude			Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office		Prev. Location	Station known as	Description of exposure
	(a)	(b)	(c)			(d)	(e)			
1st	39°49'08"	78°43'12"	-	-	920	0.1 Miles South	0.2 mi. SE	Hyndman	Hyndman	Town in narrow N-S valley; mts 800-1600 ft. higher all quads.
2nd	39°49'20"	78°43'08"	-	-	900	0.8 Miles South	0.8 mi. SE	Hyndman	Hyndman	AS Rd. Tower over gravel and woods.
3rd	39°49'06"	78°43'00"	-	-	920	0.3 Miles SSE	100 Ft. E	Hyndman	Hyndman	Sod.
4th	39°49'08"	78°43'08"	-	-	920	0.2 Miles SSE	E	Hyndman	Hyndman	Sod.
5th										
6th										

(Con't)	Instruments used	Original located		Where published	Date 1st and last observations	Observers and Dates	Remarks
		(a)	(b)				
1st	SRG, CBS, Mx, Mh	WRMC	CD	7/1/54	7/1/54 - Oct 1937	Glenn R. Sheffer	
2nd	SRG, CBS, Mx, Mh	WRMC	CD	1/1/58	1/1/58 - 3/1/58	John D. Warruff	William S. Emerick - Nicholas M. Emerick
3rd	SRG, CBS, Mx, Mh	WRMC	CD	11/27/51	11/27/51 - 12/16/53	R. W. Heilerode	4/1/58-1/26/61 - 2/15/61-11/26/61
4th	SRG, CBS, Mx, Mh	WRMC	CD	12/16/53	12/16/53 - 12/16/53	Gertrude M. Burton	
5th	SRG, CBS, Mx, Mh	WRMC	CD	12/16/53	12/16/53 - 12/16/53	Gertrude M. Burton	
6th							

\* Hydrologic Bulletin (1939 - 1948)

WB Form 530-1

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Indiana County: Indiana State: Pennsylvania Index No. 36-4219 Date prepared: 8-30-56

Location	Latitude			Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office		Prev. Location	Station known as	Description of exposure
	(a)	(b)	(c)			(d)	(e)			
7	40 37	79 09	-	-	1360	0.25 mile North	---	---	Indiana	2.7 mi W
8	40 37	79 09	-	-	1320	0.2 mile ENE	---	---	Indiana	0.4 mi SE
9	40 37	79 09	-	-	1300	0.3 mile SE	---	---	Indiana	0.2 mi ENE
10	40 37	79 10	-	-	1260	0.8 mile SW	---	---	Indiana	0.8 mi WSW
11	40 37	79 09	-	-	1300	0.3 mile ESE	---	---	Indiana	0.8 mi ENE
12	40 37	79 10	-	-	1300	0.5 mile WSW	---	---	Indiana	0.9 mi WSW

(Con't)	Instruments used	Original located		Where published	Date 1st and last observations	Observers and Dates	Remarks
		(a)	(b)				
7	MX, MN, CBS, SRG	WRMC	FW, WRI, OWB	June 6, 1906	6/6/06 - 9/16/10	John S. Wendon	
8	MX, MN, CBS, SRG	WRMC	FW, WRI, OWB	Sept 16, 1910	9/16/10 - 7/31/23	John S. Wendon	
9	MX, MN, CBS, SRG	WRMC	FW, WRI, OWB	Sept 16, 1910	9/16/10 - 7/31/23	John S. Wendon	
10	MX, MN, CBS, SRG	WRMC	FW, WRI, OWB	Mar 31, 1923	3/31/23 - 8/1/26	John S. Wendon	
11	MX, MN, CBS, SRG	WRMC	FW, WRI, OWB	Aug 31, 1926	8/31/26 - 2/28/27	John S. Wendon	
12	MX, MN, CBS, SRG	WRMC	FW, WRI, OWB	Feb 28, 1927	2/28/27 - 8/1/26	John S. Wendon	
13	MX, MN, CBS, SRG	WRMC	FW, WRI, OWB	Sept 15, 1928	9/15/28 - 9/15/28	John S. Wendon	
14	MX, MN, CBS, SRG	WRMC	FW, WRI, OWB	Apr 1, 1941	4/1/41 - 8/17/49	John S. Wendon	
15	MX, MN, CBS, SRG	WRMC	FW, WRI, OWB	Aug 17, 1949	8/17/49 - 8/17/49	John S. Wendon	

WB Form 530-1



UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Indiana** County **Indiana** State **Pennsylvania** Index No. **36-4219** Date prepared **8-30-56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
13xx	40 37	79 10	---	1300	0.5 mile WSW	0.1 mi NW	Indiana	
14xx	40 37	79 10	---	1300	0.6 mile WSW	0.2 mi SW	Indiana	

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
13xx	KX, MN, CBS, SRG	NWRC	CD	Aug 17, 1949 Dec 2, 1952	8/17/49 - 12/2/52 State Teachers College	(Dr. Norah E. Zink) Minor move for benefit of observer
14xx	KX, MN, CBS, SRG	NWRC	CD	Dec 2, 1952 Jan 20, 1953	12/2/52 - 1/20/53 State Teachers College	(Dr. Norah E. Zink) Relocation at request of college

Station discontinued 1/20/53 - Equipment moved to Salina JW (36-7782)

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Ingram** County **Allegheny** State **Pennsylvania** Index No. **---** Date prepared **12-20-56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 27	80 05	---	850	0.7 mile from Crawton P.O.	---	Ingram	Over sod in open yard on northeast slope. Rolling terrain.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	KX, MN, CBS, SRG	NWRC	CWB, CD	Nov 1922 Mar 31, 1933	Nov 1922 - Mar 31, 1933 W. H. Gornly	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Indiana 185E** County **Indiana** State **Pennsylvania** Index No. **---** Date prepared **8-30-56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 37	79 08	---	1500	1.0 ESE	---	Indiana 185E	Station is near top of knob at reservoir; surrounding area hilly plateau.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	HRG	NWRC	HB	Aug 27, 1937 Aug 1, 1946	8/27/37 - 8/1/46 Olymer Water Service Co. (H.W. Pharoah)	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Irwin** County **Westmoreland** State **Pa.** Index No. **36-4276-0** Date prepared **April 12, 1956**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°20'	79°42'	---	Unk.	Unknown	---	Irwin	Over ground near bldg. On SE bank of reservoir near trees. Sloping terrain.
2nd	40°19'46"	79°41'56"	---	1100	0.8 Miles East	---	Irwin	
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG, Mx, Mn, CBS	NWRC	CD	Aug 1896 Jan 1921	Aug 1896 - Jan 1921 J. S. Gallagher	
2nd	SRG, Mx, Mn, CBS	NWRC	CD	Jan 1921	1/1921-11/30/21 J. S. Gallagher	12/1/21-1/31/30-Feb 1, 1930- J. S. Gallagher-K. G. Patterson
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Indiana 3 SE** County **Indiana** State **Pa.** Index No. **36-4214-9** Date prepared **April 12, 1956**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41°38'47"	79°07'07"	---	1102	2.6 Miles SE	---	Indiana 3SE	Over sod interspersed with trees. Hilly & wooded terrain in immediate vicinity.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	HRG	NWRC	CD, HPD	Sept 12, 1946	Sept 12, 1946 - Olymer Water Co. #	HRG owned by Pa. Dept. of Env. *
2nd	Mx, Mn, CBS, SRG	NWRC	CD, HPD			
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Jackson Summit** County **Tioga** State **Pa.** Index No. **36-4304-6** Date prepared **April 12, 1956**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41°56'55"	77°01'28"	---	1700	5.0 Mi. SW 6.0 Mi. SW P.O.	Millerton	Jackson Summit	Sod, in orchard. Hilly terrain. Good exposure.
2nd	41°56'55"	77°01'20"	---	1690	5.0 Mi. SW P.O.	Millerton	Jackson Summit	Sod, hilly terrain excellent exposure.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	HRG	NWRC	CD, HPD	Feb 9, 1937 Jun 16, 1949	Archie L. Lain 2/9/37-6/16/49	Stn. established by USE Syracuse. Transferred to USWB (WBRC-1) 11/1/44; to WBAS Harrisburg, Pa. 3/1/48; to Pa. Dept. Env. (WBRC) 4/27/54
2nd	HRG	NWRC	CD, HPD	Jun 16, 1949	6/16/49- Archie L. Lain	
3rd						
4th						
5th						
6th						

WB Form 530-1

\* HRG operated 8/28/37 - 8/1/46 at Lat 40° 37' 10", Long 79° 08' 16", Elev 1600 Ft and consolidated with full climate station 9/12/46.  
† Attn: Mr. J. W. Jeffries

\* Station known as Jackson Summit (USE, G-4) until 11/1/44 when supervision was transferred from USE Syracuse, N. Y. to USWB.  
\*\* Hydrologic Bulletin (1939 - 1948)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Jamestown 2 NW County: Crawford State: Pa. Index No: 36-4320-10 Date prepared: April 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

\* Other observers: Norman S. Howell - 10/1/39-7/30/40; J. E. Abernethy - 8/1/40-3/31/42. # Jan 1951 to 8/31/53 observations were taken by Jerris and Dennison.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Johnstown 1 County: Cambria State: Penna. Index No: 36-4385-9 Date prepared: April 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

# Anemometer, wind vane, triple register, potentiometer in use to 1950 then inactive - all company owned. \* other observers: 8/1/1946 - 4/30/1952; Miss Mary Arne Gallucci; James Bowser.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: Harrisburg, Pa.

Station: Jersey Shore County: Lycoming State: Pennsylvania Index No: -- Date prepared: 12-31-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Johnstown #2 County: Cambria State: Pa. Index No: 36-4390-9 Date prepared: April 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Jim Thorpe County: Carbon State: Pa. Index No: 36-1370-2 Date prepared: April 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

\* Water Resources Inventory -- Penna. Water Supply Commission (one volume)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: Harrisburg, Pa.

Station: Juniata House County: Huntingdon State: Pennsylvania Index No: 36-4425 Date prepared: 12/31/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.



WB Form 530-1 CHA10 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form: WBAS, Harrisburg, Pa.

Station: Kane 1 NNE County: McKean State: Penna. Index No. 36-4432-10 Date prepared: 4/12/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41°40'36" N	78°48'12" W		1750	1 mi N		Kane	In open area about 50' NE of pump station terrain hilly & wooded
2nd	41°40'36" N	78°48'10" W		1750	1.4 mi NNE		Kane E 1 NNE	Ovr sod about 20' S of reservoir. Area hilly & heavily wooded.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG, RRNG	NWRC	CD, HB #	Dec 1, 1915 Jun 30, 1943	Dec 1, 1915-Jun 30, 1943 Spring Water Co.	RRNG installed Aug 1, 1947 10/25/45.
2nd	SRG, Hx, Mm, CRS	NWRC	CD, HB CD, HPD	Jul 1, 1943 to date	Jul 1, 1943 - to date Spring Water Co.	
3rd						
4th						
5th						
6th						

\* WRI - CMB - FGM - shows precip record Feb 1892 - Mar 1893 and Jan 1894 - Sept 1894  
# HB - Hydrologic Bulletin (1939 - 1948)

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form: WBAS, Harrisburg, Pa.

Station: Karthaus County: Clearfield State: Pa. Index No. 36-4450-7 Date prepared: April 12, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41°07'15" N	78°06'56" W		950	0.1 Miles North		Karthaus	Sod. level ground.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG, RRNG	NWRC	CD, WSP #	Sep 16, 1953	Jerome P. Howe	- Jerome S. Howe 9/16/53-9/30/54 10/1/54-
2nd						
3rd						
4th						
5th						
6th						

& - Water Supply Publication

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form: WBAS, Harrisburg, Pa.

Station: Kane SSE County: Elk State: Pennsylvania Index No. 36-4437 Date prepared: 12-11-56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41 36	78 46		2020	5 mi SSE		Kane SSE	U.
2nd	41 36	78 46		2020	5 mi SSE		Kane SSE	U.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG, WRI, A, PSY, PD, RRNG, Hx, Mm, CRS	NWRC	CD	Jul 1, 1932 Jan 31, 1940 Aug. 1948	July 1, 1932 - Jan 31, 40 U.S. Forest Service Apr 1948 - 1967/5	EBng observations began Aug 2, 1937
2nd	SRG, WRI, S, CRS	NWRC	CD	Dec. 1948	U.S. Forest Service	
3rd	SRG, A, PSY, Hx, Mm, CRS	NWRC	CD			
4th						
5th						
6th						

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form: WBAS, Harrisburg, Pa.

Station: Kaska County: Schuylkill State: Pennsylvania Index No. -- Date prepared: 12-11-56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40 42	76 06					Kaska	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG		USGS Bar Office	U.	Oct 26, 1949 Jun 18, 1951	Oct 26, 49 - June 18, 51 Michael V. Novak
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form: WBAS, Harrisburg, Pa.

Station: Yarthauss County: Clearfield State: Pa. Index No. 36-4460-7 Date prepared: April 12, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41°07'	78°07'		Unk.	Unknown		Karthaus	(Flow in rough, mountainous terrain. Elevations range from 900-1600 msl within few miles. All quads.)
2nd	Unk.	Unk.		850	Unknown	Unk.	Karthaus	Unknown
3rd	41°07'	78°07'		Unk.	Unknown	Unk.	Karthaus	Flow in rough, mountainous terrain.
4th	41°07'06"	78°06'40"		860	0.3 Miles SE	Unk.	Karthaus	Sod; on SE slope.
5th	41°07'15"	78°06'50"		910	0.1 Miles SE	Unk.	Karthaus	Sod; on SE slope.
6th	41°07'10"	78°07'00"		980	0.1 Miles West	Unk.	Karthaus	Sod; level ground.

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	Unk.	WRI, CMB	Jan 1898 Dec 1901	Unknown	Broken records; doubtful accuracy.
2nd	SRG	WBAS	73-C	Oct 1, 1919	Oct 1, 1919-Dec 1919	
3rd	SRG	WBAS	73-C	Dec 1919	J. S. Schmaus	
4th	SRG	NWRC	CD, WSP	Feb 1, 1920	2/1/20-9/30/20	
5th	SRG, RRNG	NWRC	CD, WSP	Jul 21, 1950	7/21/50-8/31/53	Hougen - 2/1/41-2/29/44 Schultz - 3/1/44-7/20/50
6th	SRG, RRNG	NWRC	CD, WSP	Aug 31, 1953	Mrs. Helen M. (Shadeck) Mrs. Mary A. Miller	
	SRG, RRNG	NWRC	CD, WSP	Sep 2, 1953	9/2/53-9/15-53	
	SRG, RRNG	NWRC	CD, WSP	Sep 15, 1953	David M. Dixon	

\* Instr No. 10, Par. 18, 1940 & No. 2, Par. 31, 1941  
\*\* River records with breaks to July 1917 by Pa. Dept. P&W (MSC Pa.)-USGS; earlier river records by railroad 1895-1901 in DRs.  
# Water Resources Inventory - Penna. Water Supply Commission (one volume)  
§ Reports of Penna. Water Supply Commission (1915 - 1920) - X-Reports of Chief of Weather Bureau (continuation of CSO) (1891 - 1950) - A-Water Supply Publication

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form: WBAS, Harrisburg, Pa.

Station: Keating Summit County: Potter State: Pa. Index No. 36-4466-10 Date prepared: April 12, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41°40'50" N	78°11'11" W		1980	0.3 Miles West		Keating Summit	Sod; on east slope Allegheny Divide. Wooded mts. all quads.
2nd	41°40'53" N	78°10'52" W		1820	50 ft. North		Keating Summit	Sod; in narrow col forming headwater of Allegheny - W Br. Susq. in wooded mts.
3rd	41°41'06" N	78°10'52" W		1840	0.3 Miles North		Keating Summit	Sod; in narrow col forming headwater of Allegheny - W Br. Susq. in wooded mts.
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	Unk.	NWRC	CD	5/8/50 10/2/51 10/4/51	Mrs. Barbara Looney 5/2/50-10/2-51 Robert S. Moore 10/4/51-3/31/53
2nd	SRG	Unk.	NWRC	CD	3/31/53	Eugene L. Kreitner 5/7/53 -
3rd	SRG	Unk.	NWRC	CD		
4th						
5th						
6th						

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station: Kerr County: Bedford State: Pa. Index No. 36-621-8 Date prepared: April 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 39°58'00" 79°43'12" 1280 New Buena Vista, Pa. - Kerr

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Dates 1st and last observations), Observers and Dates, Remarks. Row 1: 8"1, C.S., W. M., N.W.B.C. CD Mar 21, 1951 Pa. Turngpike Employees

CHAS:mh

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station: Kennett Square County: Chester State: Pa. Index No. Date prepared: 11/27/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 39° 51' 75° 43' 340 UNKNOWN Kennett Square Unknown

Table with columns: (Con't), Instruments used, Record, Observers and Dates, Remarks. Row 1: Mx Mh C.S. SRG NWRC PSM WRI CWB 1/54-12/1873 1/34 12/73, 5/89 9/01 9/01 7/05 12/05 11/16

\* PSM - Penna State Weather Service, Monthly Summaries (1887 - 1895) WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume) CWB - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station: Kellogg Mt. Fire Tower County: Bradford State: Pennsylvania Index No. 36-5889 Date prepared: 12-31-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 41 42 76 28 2200 U. Same U.

Table with columns: (Con't), Instruments used, Record, Observers and Dates, Remarks. Row 1: SRG U. U. Sept 1940 9/40 - 11/42 12/42-10/45 10/45 - 10/46 10/46 - Unknown

\*Other observer: Donald Leonard, Unknown - 3/1949

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station: Ketter (Glen Hazel) County: Elk State: Pennsylvania Index No. Date prepared: 1-16-57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 41 32 78 40 1780 1.3 mi W Glen Hazel P.O. Ketter On top of dam. Terrain rolling.

Table with columns: (Con't), Instruments used, Record, Observers and Dates, Remarks. Row 1: SRG NWRC CWB, WRI, WRI Nov 1913 11/18/13 - 12/31/15 1/1/16 - 8/31/17 5/1/17 - 4/30/20

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station: Kelly Lock #6 County: Armstrong State: Pa. Index No. Date prepared: 1/7/58

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 40°42'41" 79°34'59" 780 5.0 mi North Freeport, Pa. Kelly Lock #6 Located on esplanade of land wall Allegheny Rv. R.R.; exposure excellent.

Table with columns: (Con't), Instruments used, Record, Observers and Dates, Remarks. Row 1: SRG NRIG Unknown Unknown Oct. 1934 Oct 1934 / Corps of Engineers Location is the same as station named Lock #6, Clinton.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station: Kilmer County: Juniata State: Pennsylvania Index No. Date prepared: 1-16-57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: U. U. 475 U. Kilmer U.

Table with columns: (Con't), Instruments used, Record, Observers and Dates, Remarks. Row 1: SRG U. CWB, WRI, P.S. Feb 1889 Dec 1894 R. J. Mickey



XY  
WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form: **WAS, Harrisburg, Pa.**

Station: **Kingston** County: **Luzerne** State: **Pennsylvania** Index No. **---** Date prepared: **March 8, 1957**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 41 16 75 53 540 U. Kingston U.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, NWBC, HB, Feb 29, 1920 - Aug 1, 1943, Feb 1920 - Aug 1943, U.S. Engineers.

WB Form 530-1

YY  
WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form: **WAS, Harrisburg, Pa.**

Station: **Kregar** County: **Westmoreland** State: **Pennsylvania** Index No. **---** Date prepared: **11/13/53 & 2/4/54**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 40 07 79 17 1920 0.6 mile E Kregar. On wood bench above ground on small plateau 100' above Indian Creek. Terrain hilly.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, NWBC, CD, Sep 1, 1924 - Oct 31, 1940, Sep 1, 1924 - Oct 31, 1940, I.A. Knupp for Water Supply Comm. of Penna.

WB Form 530-1

XX  
WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form: **WAS, Harrisburg, Pa.**

Station: **Kirkwood** County: **Lancaster** State: **Pennsylvania** Index No. **36-4597** Date prepared: **1/15/57**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 39 51 76 05 430 U. Kirkwood U.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, NWBC, HB, CD, Nov 1, 1940 - Aug 1948, Nov 1, 1940 - Aug 1948, Soil Conservation Service.

WB Form 530-1

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form: **WAS, Harrisburg, Pa.**

Station: **Kregar 4 SE** County: **Westmoreland** State: **Pa.** Index No. **36-1467-9** Date prepared: **April 12, 1956**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 40°06'06" 79°13'45" - 26'0 4.0 Miles SE Kregar 4 SE. Over ground in large clearing above eastern entrance to Laurel Hill Tunnel on Penna. Turnpike.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, NWBC, CD, Dec 16, 1941, Dec 16, 1941, Penna. Turnpike Comm.

\* CWS shows precip record 9/1924 - 1930  
# Tunnel entrance elevation 2470  
\* Also referred to as Laurel Hill Tunnel in early 1940's.  
\*\* Unofficial temperature data Dec. 1941-Sep. 1943 when they were discontinued.

WB Form 530-1

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form: **WAS, Harrisburg, Pa.**

Station: **Kittanning, Look 7** County: **Armstrong** State: **Pa.** Index No. **36-4611-9** Date prepared: **April 12, 1956**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 40°09'08" 78°31'18" - 780 0.3 Miles NE Kittanning Look 7. On look well 10 ft. S of 40 ft. tower. Mensur terrain all directions.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, NWBC, CD, Jun 1, 1938, Jan 1, 1938 - Lockmaster for C of E. River record began 1904.

PSW shows a precip record Jan 1898 thru March 1888.  
Observer: Tyson Fellman

WB Form 530-1

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form: **WAS, Harrisburg, Pa.**

Station: **Kregoville 3 W** County: **Carbon** State: **Penna.** Index No. **36-4672-2** Date prepared: **April 12, 1956**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 40°53'33" 78°31'43" 720 3.3 miles W Kregoville 3 W. Over sod 60 ft of pumping station in open area.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, NWBC, CD, HP, 1/1/1923, 1/1/1943 - City of Bethlehem.

\* Hydrologic Bulletin (1939 - 1948)

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**  
Station: **Kutztown #1** County: **Berks** State: **Pennsylvania** Index No: **---** Date prepared: **3/8/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 27	75 44		1020	U.	---	Kutztown	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	BRNG	NWPC	BB	Aug 1939 Aug 31, 1941	Aug 39 - Aug 1941 U.S. Soil Conservation Service	Unreliable record June - Oct 1888
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**  
Station: **Lafayette McKean Park** County: **Holtzman** State: **Pa.** Index No: **38-4705-10** Date prepared: **April 16, 1956**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41°47'33"	78°24'28"		2180			Lewis	Over sod 30 ft. SE of observer's residence in residential area.
2nd	41 48	78 40		210			5.6 MI S PO Lewis Run	50 FT same same
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SBC, DT	NWPC	CD	Oct 1, 1947 9/13/56	Oct 1, 1947 - 9/13/56 Dr. Wm. Gordon	PT privately owned.
2nd	SAME	NWPC	CD	9/14/56 -	Wm. A. Ruttner	
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**  
Station: **Kutztown #2** County: **Berks** State: **Pennsylvania** Index No: **---** Date prepared: **3/19/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 37	75 50		640	U.	---	Kutztown	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	BRNG	NWPC	BB	July 1938 Aug 31, 1941	July 1938 - Aug 1941 U.S. Soil Conservation Service	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**  
Station: **Lakewood 1 NE** County: **Wayne** State: **Penn.** Index No: **36-4733-1** Date prepared: **April 12, 1956**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41°27'15"	75°51'22"		1320			1.4 mi NW Lakewood	Holmsom
2nd	41°27'15"	75°51'14"		1470			1 mile E Lakewood	Over sod 60' SE of residence, terrain flat with numerous holes all dir.
3rd	41°27'20"	75°51'00"		1440			0.1 mi E Lakewood	Over sod in observer's yard, hill terrain with numerous holes all dir.
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SWG	NWPC	CD, CMB *	1/1/38 7/31/36	1/1/38 - 3/15/44 Mrs. Lillian E. Becker	3/15/44 - 7/31/46 Harold Von Waldburg
2nd	SWG	NWPC	CD	6/2/36 6/30/39	6/2/36 - 6/30/39 Mrs. Jennal Jenkins	
3rd	SWG	NWPC	CD	7/1/39	7/1/39 - Mrs. Gladys Reineke	
4th						
5th						
6th						

\* CMB - Report of Chief of Weather Bureau (continuation of CMB) (1891 - 1930)

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**  
Station: **Kylertown** County: **Clearfield** State: **Pennsylvania** Index No: **---** Date prepared: **1/16/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 00	78 10		1700	U.	---	Kylertown	Over sod on slight south slope on plateau. Rolling terrain - Mtous
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	BRNG* HX, RH, CBS, SRS	NWPC	CD, RR, GWR	Aug 1929 May 19, 1944	8/29 - 5/19/44 Guy Fuller	6/1/35 - 10/31/42 10/11/37 - 10/31/42 Weather Bureau # Airway Station
2nd						
3rd						
4th						
5th						
6th						

\*BRNG installed 10/11/37  
#David Gable 4/1/43 - 5/19/44

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**  
Station: **Lampeter SCS 1A** County: **Lancaster** State: **Pennsylvania** Index No: **36-4720** Date prepared: **1/17/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	39 59	76 14		405	U.	---	Lampeter SCS 1A	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	BRNG	U.	U.	Nov 1, 1940 Dec 31, 1949	Nov 1940 - Dec 1949 Soil Conservation Service	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1



WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
**SUBSTATION HISTORY** Office preparing form **WBAS, Harrisburg, Pa.**  
 Station **Lancaster 2 NE Filter Plant** County **Lancaster** State **Pa.** Index No. **36-4765-6** Date prepared **April 16, 1968**

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°03'10" N	76°16'54" W	-	270	2 Miles NE	-	Lancaster 2 NE Filter Plant	Rolling terrain.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	RR6G	NWRC	CD HPB	Jul 13, 1936	Jul 13, 1936 L. S. Dockworth	RR6G owned by Pa. Dept. of P.W.
2nd						
3rd						
4th						
5th						
6th						

\* Hydrologic Bulletin (1939 - 1948)

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
**SUBSTATION HISTORY** Office preparing form **WRPC, Chattanooga, Tenn.**  
 Station **Landisville 2 NW** County **Lancaster** State **Pa.** Index No. **36-4778-3** Date prepared **12-23-57**

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°04'23" N	76°17'20" W	-	360	2.6 mi NW	-	Lancaster 2 NE Exp. Farm	Flat terrain all directions.
2nd								Not moved.
3rd	40°05'14" N	76°21'35" W	-	410	0.3 mi E	7 NW	Landisville	Gently rolling terrain all directions
4th	40°07'07" N	76°25'36" W	-	360	1.8 mi NW	1.9 NW	Landisville	Gently rolling all directions.
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	SRG Mx Mn QRS	NWRC	CD HPB	1-32/3-22	Pa. State Univ	Private eqpt; USWB eqpt installed 7/44 - records to NWRC.
2nd	RR6G DT WF RR6G	NWRC	CD HPB	3-26/6-26-51	Pa. State College Lab Personnel (B. F. Coon)	Private RR6G; Evap added; date of private humidity, wind uncertain &
3rd	SRG Mx Mn QRS A*	NWRC	CD HPB	5-1-52	Lab. Pers. (B. F. Coon)	
4th	Same - plus ground thermometer	NWRC	CD HPB	5-1-52	Lab. Pers. (B. F. Coon)	
5th	No change	NWRC	CD HPB	7-9-56	(T. R. Terrill 7/55)	
6th						

\* Also wind vane, # precip only, % Precip and temp added. \*\* Pa. State College, Southeastern Field Research Laboratory. & probably prior to 4/51.

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
**SUBSTATION HISTORY** Office preparing form **WBAS, Harrisburg, Pa.**  
 Station **Lancaster 2 NE Pump Station** County **Lancaster** State **Pa.** Index No. **36-4768-4** Date prepared **April 16, 1968**

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°03'1"	76°09'1"	-	350	Unknown	-	Lancaster	Unknown
2nd	40°02'13.0"	76°09'33.4"	-	Unk.	Unknown	-	Lancaster	Unknown
3rd	40°03'1"	76°09'1"	-	350	Unknown	-	Lancaster	Over 500 ft in open lot w side of pump station. Rolling terrain
4th	40°03'08"	76°0'18"	-	255	2.0 Miles NE	Unk.	2 NE Pump Station	Rolling terrain
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	DT, SRG	Unk.	SIA#	1839	Unknown	
2nd	DT, SRG	NWRC	Not Published	March 1849	Mar 1849 - Dec 1849	
3rd	SRG Mx Mn QRS	Unk.	WBAS	Nov 1888	John W. ...	10/1/89-4/30/90 - E. Weller* Record incomplete
4th	SRG Mx Mn QRS	NWRC	CD HSB#	Dec 1916	A. J. ...	
5th						
6th						

\* SIA shows temp record 1816-1819. No other information given. Other observers: C. M. Hollar 5/1/90-9/30/90 - Lewis Lampe 10/1/90-3/31/98 - W. E. Bushong 4/1/98-9/30/94 - J. V. Raister 10/1/94-5/31/99 - G. Glass 6/1/98-8/30/97  
 † Penna. Secretary of Internal Affairs (Rebutions to 1897, Survives to 1898)  
 ‡ Reports of Chief of Weather Bureau (continuation of 52) (1891 - 1930)  
 § Penna. State Sea. Serv. Monthly Sum. (1897-1898) - S. Fisher Resources Inv.--Penna. Water Sup. Comm. (one volume)  
 ¶ USWB Climatological Data Sum. BULLETIN #--sum. to 1960 - Hydrologic Bulletin (1939-1948)

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
**SUBSTATION HISTORY** Office preparing form **WBAS, Harrisburg, Pa.**  
 Station **Lansdale** County **Montgomery** State **Pennsylvania** Index No. **---** Date prepared **3-8-57**

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 15	75 17	-	768	U.	--	Lansdale	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	SRG	NWRC	WBAS, CD, PA, QRS, SIA	May 1898	May 1898 - Dec 1913	Phila. Water Dept
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
**SUBSTATION HISTORY** Office preparing form **WBAS, Harrisburg, Pa.**  
 Station **Lancaster Colliery** County **Schuylkill** State **Pennsylvania** Index No. **---** Date prepared **3/26/57**

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 48	76 35	-	920	U.	--	Same	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	SRG, DT	U.	SIA, WRI	Nov 1856	Nov 1856 - Dec 1859	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
**SUBSTATION HISTORY** Office preparing form **WBAS, Harrisburg, Pa.**  
 Station **Lansford** County **Carbon** State **Pennsylvania** Index No. **36-4804** Date prepared **1/8/57**

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	Unknown			Unknown		--	Lansford	Unknown
2nd	40 50	75 53	-	1185	250 ft NW	U.	Lansford	Large on top of 4-story blig 44.5' above grad. Sta at foot of mntn (top 1500' MSL)
3rd	40 50	75 53	-	1140	900 ft NW	NW	Lansford	DW and 30' W of factory office blig. Sta at foot of mntn (top 1500' MSL)
4th								
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	NM	NWRC	SI	Feb 1873	C. Bowers	
2nd	SRG	NWRC	BW, SI, WRI, DWB	May 1, 1906	Lehigh Navigation Coal Co Employees	
3rd	SRG (FRY MX MN)	NWRC	CD	May 15, 1939	May 1, 1906 - May 15, 1939	
4th				May 15, 1939	Lehigh Navigation Coal Co Employees	
5th				May 14, 1954	May 15, 1939 - May 14, 1954	
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: Central Office

Station: Lansford Foremen's Shop County: Carbon State: Pa. Index No: 36-4809-2 Date prepared: February 28, 1958

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes entry for SRG instrument used in May 1934.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WNAS, Harrisburg, Pa.

Station: Laurelton State Village County: Union State: Pa. Index No: 36-4853-5 Date prepared: April 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes entries for RHC and NWRC instruments used in 1946.

\* Hydrologic Bulletin (1939 - 1948)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WNAS, Harrisburg, Pa.

Station: Latrobe County: Westmoreland State: Pa. Index No: 36-4832-9 Date prepared: April 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes entries for SRG and NWRC instruments used from 1961 to 1958.

\* Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1886) # Smithsonian Institution (1880 - 1886) % Water Resources Inventory -- Penna. Water Supply Commission (one volume) & Paul Flowers - 5/1/48-7/31/53

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WNAS, Harrisburg, Pa.

Station: Laurenceville 2 S County: Tioga State: Penna. Index No: 36-4873-6 Date prepared: April 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes entries for NWRC and NWRC instruments used from 1956 to 1952.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WNAS, Harrisburg, Pa.

Station: Laughlintown County: Westmoreland State: Pennsylvania Index No: Date prepared: 3/20/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes entries for SRG instrument used from 1942 to 1942.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WNAS, Harrisburg, Pa.

Station: Lebanon 2-W-3V County: Lebanon State: Pa. Index No: 36-4891-4 Date prepared: April 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes entries for NWRC and NWRC instruments used from 1928 to 1932.

\* Water Resources Inventory -- Penna. Water Supply Commission (one volume) # WNAS Climatological Data Summaries, BULLETIN W--summaries to 1950



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Lebanon 2 NW, County: Lebanon, State: Pa., Index No: 36-4691-4, Date prepared: April 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes entries for 7th, 8th, 9th, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes records for SRG, WX, MN, CRS and other instruments.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Leetsdale, County: Allegheny, State: Pennsylvania, Index No: ---, Date prepared: 3/8/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes entry for 1st location.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes records for SRG, WX, MN, CRS.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Lebanon 3 SW, County: Lebanon, State: Pa., Index No: 36-4696-4, Date prepared: April 12, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes entry for 1st location.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes record for RRG instrument.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Allentown, Pa.

Station: Lehigh Tannery, County: Lehigh, State: Penna., Index No: ---, Date prepared: 10-5-54

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes entry for 1st location.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes records for SRG, RRG #.

# Recorder gage owned by U. S. Geological Survey; records pub. in USGS Water Supply Papers, North Atlantic... Slope basins; gage datum 41°02'28" N; 75°45'50" W; elevation 1042.062 MSL (1928)...

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Leconte Mills SW, County: Clearfield, State: Pennsylvania, Index No: 36-4904, Date prepared: 1/9/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes entry for 1st location.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes records for SRG, RRG #.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Leighton, County: Carbon, State: Pa., Index No: 36-4954-2, Date prepared: April 9, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes entries for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes records for SRG, RRG #.

NRIG located at Lat 40° 49' 44", Long 76° 42' 44", Elev 446 MSL. Hydrologic Bulletin (1939 - 1948). Dec 1, 1945 - May 1965. Goodman S. DeFrehn.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**  
Station **Leolyn** County **Lycoming** State **Pennsylvania** Index No. **---** Date prepared **3/8/57**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 41° 36' N, 76° 53' W, 1320, U., Leolyn, In narrow river valley oriented NE-SW on SE bank of Lycoming Creek.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRO, NWRG, CWB, CD, SEPT 1924, May 1926, Sept 1924 - May 1926, Mrs. Rosa Adams.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**  
Station **Lewisburg** County **Union** State **Pennsylvania** Index No. **---** Date prepared **3/8/57**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40° 58' N, 76° 55' W, 450, U., Lewisburg, Over sod near observation level 0.3 mi W of Susquehanna River.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRO, MX, MN, CBS, NWRG, WRI, PSW, CD, BW, CWB, SIA, Jan 1856, 1/1856 - 12/1877, 10/1889 - 2/1892, 3/1892 - 6/1934, etc.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**  
Station **LeRoy** County **Bradford** State **Pa.** Index No. **36-4972-6** Date prepared **April 10, 1956**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 41° 41' 10" N, 76° 44' 10" W, 1400, 2.2 miles SW, LeRoy, Hilly terrain all directions.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: Mx, Mn, CBS, SRO, NWRG, CD, Jan 1869, Jul 1917, Jan 1869-Jul 1917, George Warburton.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**  
Station **Lewis Run SSE** County **McKean** State **Pa.** Index No. **36-4984-10** Date prepared **April 10, 1956**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 41° 06' 04" N, 78° 38' 54" W, 1700, 2.5 miles SE, LeRoy, Hilly terrain all directions.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRO, DT, BRNG, NWRG, CD, HPD, Oct 1, 1947, Oct 1, 1947, South Penn Oil Co.

CHA:lmh

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**  
Station **Lewisburg** County **Union** State **Pa.** Index No. **---** Date prepared **11/26/56**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40° 58' N, 76° 55' W, 500, Unknown, Lewisburg, Unknown.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: DT SRO, Unknown, NWRG, SIA, 7-1856, 11-1873, 7/1856 - 11/1873, O. S. James.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**  
Station **Lewistown** County **Mifflin** State **Pa.** Index No. **36-4992-6** Date prepared **April 10, 1956**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40° 56' 36" N, 77° 52' 13" W, 460, 0.3 miles South, Lewistown, Unknown.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: Mx, Mn, CBS, SRO, NWRG, CD, Aug 1, 1938, Aug 1, 1938-Aug 18, 1943, Pa. Edison Co.

\* WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume). SIA - Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895). PSW - Pa. State Weather Service, Monthly Summaries (1887 - 1895).



UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**  
Station **Ligonier** County **Westmoreland** State **Pennsylvania** Index No. **--** Date prepared **3/26/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 14	79 14		1750	U.	--	Ligonier	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG	NWRC	OWB, FSW, WRI	April 1890 May 1894	Apr 1890 - May 1894 J. T. Ambrose	
2nd						
3rd						
4th						
5th						
6th						

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**  
Station **Linesville** County **Crawford** State **Pennsylvania** Index No. **--** Date prepared **1-17-57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 38	80 26		1040	1.5 mi SSW	0.2 mi NW	Linesville	Over sod on W slope 75' E of swamp. Terrain hilly and wooded.
2nd	41 39	80 26		1060	0.2 mi W	1.5 mi N	Linesville	Over sod in residential area on level land. Terrain rolling and wooded.
3rd	41 39	80 26		1035	0.5 mi SSW	0.5 mi S	Linesville	" "
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG	NWRC	CD	Oct 1935 Mar 1937	Oct 1935 - Mar 1937 Burt Oudette	
2nd	SRG	NWRC	CD	July 1937	July 1937 - Jan 1938 W. F. Lim	
3rd	SRG	NWRC	HR, CD	Feb 1938 Oct 1940	Feb 1938 - Oct 1940 Decil Craig	
4th						
5th						
6th						

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**  
Station **Linden** County **Ipswich** State **Pennsylvania** Index No. **--** Date prepared **3/8/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 14	77 11		550	1.3 mi E	--	Linden	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG, DT	U.	SI	Nov 1858 Apr 1859	Nov 1858 - Apr 1859 James Barrett	
2nd						
3rd						
4th						
5th						
6th						

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**  
Station **Linesville No. 2** County **Crawford** State **Pennsylvania** Index No. **--** Date prepared **3/8/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 43	80 25		1150	3.0 mi N	--	Linesville No. 2	Over ground. Terrain rolling.
2nd	41 43	80 25		1060	U.	U.	Linesville No. 2	U.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG	U.	U.	Jan 24, 1914 Dec 1916	Jan 1914 L. E. Dickey	
2nd	SRG	U.	WSC	Jan 1917 Mar 1920	Jan 1917 - Aug 1917 Guy Thomas	Sept 1917 - Mar 1920 Mrs. Guy Thomas
3rd						
4th						
5th						
6th						

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**  
Station **Linesville** County **Crawford** State **Pennsylvania** Index No. **--** Date prepared **1/17/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 36	80 25		1100	U.	--	Linesville	On ground ridge between two large swamp areas.
2nd	41 40	80 25		1055	0.2 mi N	U.	Linesville	Over sod in residential area on level land. Terrain rolling & wooded.
3rd	41 39	80 25		1040	0.3 mi E	0.6 mi NW	Linesville	" "
4th	41 39	80 25		1050	0.3 mi SSW	0.4 mi SSW	Linesville	Over sod 50' from bldgs. Terrain rolling and wooded.
5th	41 39	80 25		1060	0.1 mi W	0.2 mi WNW	Linesville	Over sod in residential area on level land. Terrain rolling and wooded.
6th	41 38	80 26		1040	1.6 mi SSW	1.5 mi SSW	Linesville	Over sod on knoll 100' N of swamp.

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG *	U.	BW, WRI	Feb 1912 1914	Feb 1912 - 1914 E. E. Halseam	Employee of Pa. Water Supply Commission
2nd	SRG	NWRC	CD	1914 Dec 1916	1914 - Dec 1916	" "
3rd	SRG	NWRC	BW, CD	Jan 1, 1917 1923	Jan 1, 1917 - 1923 Guy R. Thomas	" "
4th	SRG	NWRC	BW, CD	Dec 1933 1923	Dec 1933 1923 - Dec 1933 Halph Ferris	" "
5th	SRG	NWRC	CD	Dec 1933 June 1935	Dec 1933 - June 1935 E. E. Halseam	" "
6th	SRG	NWRC	CD	July 1935 Sept 1935	July 1935 - Sept 1935 John Farnham	" "

\*Owned by Pa. Water Supply Commission

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**  
Station **Linesville S WNW** County **Crawford** State **Pa.** Index No. **36-5080-10** Date prepared **April 10, 1956**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	Unk.	Unk.		1030	Unknown		Pandanaran	On ground 200 ft from nearest high object. Rolling terrain.
2nd	41°41'03"	80°30'50"		1025	5.0 miles WNW	Unk.	Linesville	Near farm bldgs on E slope of hill. Terrain rolling and wooded.
3rd	41°41'02"	80°30'48"		1020	5.0 miles WNW	SE	Linesville S WNW	Over sod about 45 ft. W of observers house on E slope at hill. #
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG, Wx, Wn	NWRC	CD	Jan 1914 Nov 1914	Jan 1914 - Nov 1914 K. E. Phelps	
2nd	SRG, Wx, Wn	NWRC	CD	Dec 1914 Sept 30, 1952	Dec 1914 - Sept 30, 1952 Miss Rebba Crumb	Equipment owned by Pa. Game Comm.
3rd	SRG, Wx, Wn, CBS	NWRC	CD	Oct 1, 1952	Oct 1, 1952 Miss Rebba Crumb	Unofficial record prior to Oct 1, 1952.
4th						
5th						
6th						

\* Ashabula Co, Ohio  
\*\* Name changed to Linesville 6 NW June 1948.  
# Terrain rolling and wooded.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WMS, Harrisburg, Pa.

Station Litchfield County Bradford State Pennsylvania Index No. --- Date prepared 3-8-57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 41 57, 76 26, 1513, U., Litchfield, On south slope of hill rising 150 above inst. Terrain hilly.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, U., U., Mar 1879, June 1880, Mar 1879 - June 1880, P. L. Runt.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WMS, Harrisburg, Pa.

Station Lloyd County Tioga State Pennsylvania Index No. --- Date prepared ---

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 41 34, 77 27, 2180, U., Lloyd, U.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, NWRC, OD, WRI, CWS, Jan 1911, Apr 1919, 1/11 - 6/16, John Keller, Thomas Barberson.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WMS, Harrisburg, Pa.

Station Littis County Lancaster State Pennsylvania Index No. --- Date prepared 3/19/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40 09, 76 18, 385, 0.5 mi NW, Littis, U.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: WRG, U., U., Dec 1941, Dec 1943, Dec 1941 - Dec 1943, Soil Conservation Service, Closed during winter season.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WMS, Harrisburg, Pa.

Station Loag County Chester State Penna. Index No. 36-5054 Date prepared April 10, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40°07'38" 75°40'45", Unk., 3.0 mi S, Loag, Ovr sod at observer's residence - Terrain rolling.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: WRG, Unk., Not pub., 10/21/46 - 3/31/48, Wrg. Eleanor Lillard, In Brandywine Creek Drainage Network under supervision of USGS, Dover, Del.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WMS, Harrisburg, Pa.

Station Livermore County Westmoreland State Pennsylvania Index No. --- Date prepared 3/8/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40 28, 79 20, 935, 4.2 mi NW of F.O. at Blairville, Pa., Livermore, Excellent; on ground at C of X Construction Office.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SB1, U., U., July 1946, Oct 1946, July 1946 - Oct 1946, Cecil B. Baker.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WMS, Harrisburg, Pa.

Station Look #4 County Washington State Pa Index No. --- Date prepared 1/14/58

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40°09' 79°54', 750, Unknown, Look #4, In valley oriented NW-SE on west bank of Monongahela River.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, NWRC, NW CD, Jan 1886, Dec 1941, Jan 1886 / Dec 1941, U. S. Corps of Engineers.

\* CWB - Report of Chief of Weather Bureau (continuation of GSO) (1891 - 1930)  
PSW - Penna State Weather Service, Monthly Summaries (1887 - 1895)  
WRI - Water Resources Inventory - Penna Water Supply Commission (one volume)



WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Look Haven County: Clinton State: Pa. Index No: 38-5104-7 Date prepared: April 10, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes entries for Look Haven station with various elevations and descriptions.

Table with columns: (Con't), Instruments used, Original located, Record (Where published), Dates 1st and last observations, Observers and Dates, Remarks. Lists historical observations from 1921 to 1947.

\* Penna. State Weather Service, Monthly Summaries (1887 - 1950)
# USGS Climatological Data Summaries, BULLETIN No. summaries to 1930
\$ Water Resources Inventory--Penna. Water Supply Commission (one volume)
& Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)
& hydrologic Bulletin (1939 - 1948)

WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Look Haven County: Clinton State: Pa. Index No: 38-5104-7 Date prepared: April 10, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes entries for Look Haven station with various elevations and descriptions.

Table with columns: (Con't), Instruments used, Original located, Record (Where published), Dates 1st and last observations, Observers and Dates, Remarks. Lists historical observations from 1948 to 1956.

WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Look Haven 2 County: Clinton State: Pa. Index No: 38-5109-7 Date prepared: April 10, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes entries for Look Haven 2 station.

Table with columns: (Con't), Instruments used, Original located, Record (Where published), Dates 1st and last observations, Observers and Dates, Remarks. Lists historical observations from 1937 to 1939.

WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Locust Gap County: Northumberland State: Pa. Index No: Date prepared: 1/14/58

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes entry for Locust Gap station.

Table with columns: (Con't), Instruments used, Original located, Record (Where published), Dates 1st and last observations, Observers and Dates, Remarks. Lists historical observations from 1921 to 1947.

WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Long Mountain Tower County: Cumberland State: Pennsylvania Index No: --- Date prepared: 3/11/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes entry for Long Mountain Tower station.

Table with columns: (Con't), Instruments used, Original located, Record (Where published), Dates 1st and last observations, Observers and Dates, Remarks. Lists historical observations from 1930 to 1940.

WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Long Pond 2W County: Monroe State: Pa. Index No: 36-5160-1 Date prepared: April 9, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes entry for Long Pond 2W station.

Table with columns: (Con't), Instruments used, Original located, Record (Where published), Dates 1st and last observations, Observers and Dates, Remarks. Lists historical observations from 1946 to 1946.

Station **Loyalhanna Dam** County **Indiana** State **Penn.** Index No. **36-5212** Date prepared **April 9, 1956**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°27'12" N	79°20'16" W		985	2.5 mi S. P. O. Seltzberg		Loyalhanna Dam	H of reservoir and in valley with hills N and S.
2nd								
3rd								
4th								
5th								
6th								

Loc'n	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG	Unk.	Not pub.	6/9/1942	6/9/1942 - Corps of Engineers employees	
2nd						
3rd						
4th						
5th						
6th						

Station **Lycippus 1 E** County **Westmoreland** State **Pa.** Index No. **36-5259** Date prepared **10/27/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°13'30" N	79°24'10" W		1420	1 mi E		Lycippus 1E	Unknown
2nd	40°13'30" N	79°24'10" W		1420	1 mi E		Lycippus 1E	Unknown
3rd								
4th								
5th								
6th								

Loc'n	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	Mx Mx CRS SRG	NWRC	CD	Jan 1896 Mar 31, 1943	Jan 1896 - Mar 31, 1943 V. B. Carle	
2nd	SRG	NWRC	CD	Apr 1, 1943 Aug 1, 1949	Apr 1, 1943 - Aug 1, 1949 V. B. Carle	
3rd						
4th						
5th						
6th						

\* CWB - Report of Chief of Weather Bureau (continuation of OSO) (1891 - 1930)  
 \* MRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)

Station **Loyalsock** County **Luzerne** State **Pennsylvania** Index No. **-** Date prepared **1/17/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 19	76 55		601	0.5 mi E		Loyalsock	U.
2nd								
3rd								
4th								
5th								
6th								

Loc'n	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG	NWRC	U.	Oct 1931 Dec 1938	Oct 1931 - Dec 1938 G. F. Pidcoe	
2nd						
3rd						
4th						
5th						
6th						

Station **Lykens** County **Dauphin** State **Pa.** Index No. **-** Date prepared **11/27/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 34'	76° 42'		680	Unknown		Lykens	Over sod 30 ft from office bldg; terrain hilly to rolling.
2nd								
3rd								
4th								
5th								
6th								

Loc'n	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	Mx Mx CRS SRG	NWRC	NWRC	9-1-1914 12-15-1933	9-1-1914 / 12-15-1933 Susquehanna Coal Co.	
2nd						
3rd						
4th						
5th						
6th						

\* MRI - Water Resources Inventory - Pa. Water Supply Commission (one volume).  
 \* CWB - Report of Chief of Weather Bureau (continuation of OSO) (1891 - 1930).

Station **Luxor** County **Westmoreland** State **Pennsylvania** Index No. **-** Date prepared **1/17/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 19	79 29		1160	U.		Luxor	U.
2nd								
3rd								
4th								
5th								
6th								

Loc'n	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG	NWRC	U.	Oct 1931 July 1942	Oct 1931 - July 1942 E. F. Rossart	
2nd						
3rd						
4th						
5th						
6th						

Station **Lynch** County **Forest** State **Pa.** Index No. **36-5275-0** Date prepared **9-30-57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41°36'00" N	79°03'05" W		1295	4.5 mi ESE/Trumann		Lynch	Ground exposure at obs residence; terrain is mountainous & wooded.
2nd								
3rd								
4th								
5th								
6th								

Loc'n	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG BRIG #	NWRC	CD #	8-22-57	8-22-57 / Corps of Engineers	* USGS Water Supply Papers
2nd						
3rd						
4th						
5th						
6th						

# SRG - property of C of E; BRIG property of USGS.



UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WRFC, Chattanooga, Tenn.**

Station: **Lyndell 2 NW** County: **Chester** State: **Pa.** Index No: **36-5279-3** Date prepared: **3-22-57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 05'	75° 46'			2.4 mi NW		<b>Lyndell 2 NW</b>	Ground exposure at Obs. residence; terrain is mostly rolling hills.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	CD	11-14-56	11-14-56 / Mrs. Dorothy B. Harple	
2nd						
3rd						
4th						
5th						
6th						

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **Madison** County: **Clarion** State: **Pa.** Index No: **36-5279-3** Date prepared: **1/14/58**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41° 11'	79° 16'		1275	U		<b>Madison</b>	In valley oriented NW-SE on 8V slope.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	U	Sep 1922 Nov 1922	Sep 1922 - Nov 1922 General Construction Co.	
2nd						
3rd						
4th						
5th						
6th						

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **Lynnport** County: **Lehigh** State: **Pa.** Index No: **36-5279-3** Date prepared: **1-14-58**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 10'	75° 18'		150	Unknown		<b>Lynnport</b>	In broad valley oriented ENE - WSW
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	U	PSN	Nov. 1887 Sep. 1890	Nov. 1889 - Sep. 1890 John C. Wuchter	
2nd						
3rd						
4th						
5th						
6th						

\*PSN - Pa. State Weather Service, Monthly Summaries (1887-1895)

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **Mahaffey** County: **Clearfield** State: **Pa.** Index No: **36-5342-7** Date prepared: **April 11, 1958**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 52' 46"	78° 43' 46"		1280	0.1 mile West		<b>Mahaffey</b>	Ovr sod in valley running N-S; wooded area to E. high & rolling terrain to W.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, NRIG	NWRC	CD	Jan 1, 1950*	Rev. Edward A. Miles 1/1/50-6/30/55 #	Stn estab. eff. 3/1/50, auth. amend. 91-50 dated 1/23/50 to Circ II 7/1/49.
2nd						
3rd						
4th						
5th						
6th						

\* USBS wire-weight gage installed 2/8/50 at 40°52'46"N, 78°43'50"W & river records begin that date.  
E. A. Miles app'd. eff. 3/1/50.  
# Mrs. Winnie E. Miles 7/1/50-9/1/55  
Mrs. Ellen J. Miles 9/8/55-

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **Madera** County: **Clearfield** State: **Pa.** Index No: **36-5338-7** Date prepared: **April 11, 1958**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 49' 40"	78° 26' 10"		1330	0.2 miles SW		<b>Madera</b>	33' W of residence & 30' SE of tall trees. Terrain hilly and wooded.
2nd	40° 49' 40"	78° 26' 10"		1330	0.2 miles SW		<b>Madera</b>	33' W of residence & 30' SE of tall trees. Terrain hilly and wooded.
3rd	40° 49' 34"	78° 25' 54"		1480	0.2 miles SE	0.3 mi. SE	<b>Madera</b>	Ovr sod 25' SE of observer's residence. Wooded area 80' S. Terrain hilly.
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	CD	Jun 4, 1949	Jun 4, 1949 - Nov 17, 1949	
2nd	RR20			Nov 17, 1949	William Swoope	
3rd	SRG, CBS, Mx, Mn	NWRC	CD HPD	Oct 31, 1955	William Swoope	RR20 owned by Penna Dept FAW.
4th	SRG, CBS, Mx, Mn	NWRC	CD HPD	Nov 2, 1955	Mrs. Julia Shoff	
5th						
6th						

RR20, CBS, Mx, Mn added Nov 17, 1949.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **Mahoning** County: **Armstrong** State: **Pennsylvania** Index No: **---** Date prepared: **3-27-57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	U.	U.		820	U.		<b>Mahoning</b>	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	PSW, SW, CBS, WRI	Dec 1888 Oct 1895	Dec 1888 - Oct 1895 U.	
2nd						
3rd						
4th						
5th						
6th						

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Mahanoy City** County **Schuylkill** State **Pa.** Index No. **---** Date prepared **3/11/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 49	76 08		1240	U.		Mahanoy City	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	SRG	U.	WB1, SIA	Feb 1885 Oct 1886	2/1885 - 9/1886 Wm. DeChant	Oct 1886 S. H. Kupp
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Maple Glen** County **Montgomery** State **Pa.** Index No. **36-5368-3** Date prepared **April 11, 1956**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°10'45"	76°11'16"		380	0.2 miles West		Maple Glen	Over sod in observer's yard.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	SRG		NWRC	Aug 15, 1946	Lawrence F. Scheibner, Jr. Lawrence F. Scheibner, Sr.	8/15/46-9/30/50 10/1/50-10/18/52
2nd						
3rd						
4th						
5th						
6th						

\* Miss Francois E. Scheibner - 10/19/50-  
# Hydrologic Bulletin (1939 - 1946)

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Manchester** County **Allegheny** State **Pennsylvania** Index No. **---** Date prepared **3/9/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 27	80 01		750	0.5 mi SW of P.O. Pittsburgh 12, Pa.		Manchester	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	U.		SIA	1839 Apr 1851	1839 - Apr 1851 Corrydon Marks	Data fragmentary
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Mapleton Depot** County **Huntingdon** State **Pa.** Index No. **36-5361-8** Date prepared **April 11, 1956**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°23'56"	77°06'25"		580	0.3 miles North		Mapleton Depot	Near NE and SE of Juniata River about 30'. Terrain low river valley.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	SRG, NR1G		NWRC	Dec 16, 1938	Elijah C. Smith 12/16/38-12/31/42	Mrs. Ivy S. Buchanan 1/1/45- NWRC records from 9/15/37
2nd						
3rd						
4th						
5th						
6th						

\* Hydrologic Bulletin (1939 - 1946)

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Manor Hill** County **Huntingdon** State **Pennsylvania** Index No. **---** Date prepared **3/11/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 37	77 57		880	7 mi SE P.O. at Petersburg		Manor Hill	Terrain hilly and forested.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	SRG, BRG	NWRC	HB	Apr 1940 Apr 4, 1943	Apr 1940 - Apr 1943 U.S. Forest Service	Located in the Standing Stone Experimental Forest
2nd						
3rd						
4th						
5th						
6th						

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Marcus Hook** County **Delaware** State **Pa.** Index No. **36-5390-3** Date prepared **April 12, 1956**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	39°49'	76°26'		80	1.0 miles SW		Marcus Hook	Over a large reservoir about 30 ft. above ground. Terrain flat.
2nd	39°40'	76°24'42"		12	0.5 miles South		Marcus Hook	E of large bldg in industrial area in Del River Valley. Terrain flat.
3rd	39°48'	76°24'42"		12	0.5 miles South	396 ft.	Marcus Hook	Large bldg W & S in industrial area in Del River Valley. Terrain flat.
4th	39°49'	76°24'42"		12	0.5 miles South	396 ft.	Marcus Hook	E of large bldg in industrial area in Del River Valley. Terrain flat.
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	Mr. Wm. CSS, A, RRNG, SRG Bg. Pay, sunshine rec.		NWRC	Jul 1, 1919 Dec 31, 1923	Jul 1, 1919-Dec 31, 1923	All equipment owned by Co.
2nd	Mr. Wm. CSS, A, RRNG, SRG Bg. Pay, sunshine rec.		NWRC	Oct 4, 1930 May 1946	General Chemical Co. Sun Oil Co.	All equipment owned by Co.
3rd	Mr. Wm. CSS, A, RRNG, SRG Bg. Pay, sunshine rec.		NWRC	Jun 1946 Mar 1955	Sun Oil Co. Sun Oil Co.	SRG owned by W.B.
4th	Mr. Wm. CSS, A, RRNG, SRG Bg. Pay, sunshine rec.		NWRC	Apr 1955	Sun Oil Co.	All equipment owned by Co.
5th						All equipment owned by Co.
6th						SRG owned by W.B.

\* USWB Climatological Data Summaries, BULLETIN W -- summaries to 1930

WB Form 530-1



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Marienville County Forest State Penna. Index No. 36-5400-10 Date prepared 4/12/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Record (Where published, Dates 1st and last observations), Observers and Dates, Remarks. Includes entries for RRNG, NWRC, CD, HB, etc.

\* HB - Hydrologic Bulletin (1939 - 1948)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Marshburg County McKean State Pennsylvania Index No. 36-5435 Date prepared 1/8/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Record (Where published, Dates 1st and last observations), Observers and Dates, Remarks. Includes entries for SRG, NWRC, CD, etc.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Marion County Franklin State Pennsylvania Index No. --- Date prepared 3/11/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Record (Where published, Dates 1st and last observations), Observers and Dates, Remarks. Includes entries for SRG, NWRC, BW, CD, WHI, CWB, etc.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Martinsburg 1 SW County Blair State Pa. Index No. 36-5453-8 Date prepared April 12, 1966

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Record (Where published, Dates 1st and last observations), Observers and Dates, Remarks. Includes entries for SRG, NWRC, etc.

\* Hydrologic Bulletin (1939 - 1946)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Marion Center 2 SE County Indiana State Pa. Index No. 36-5408-9 Date prepared April 12, 1966

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Record (Where published, Dates 1st and last observations), Observers and Dates, Remarks. Includes entries for SRG, NWRC, CD, HR, etc.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Martins Creek 4NE County Northampton State Pennsylvania Index No. --- Date prepared 3/11/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Record (Where published, Dates 1st and last observations), Observers and Dates, Remarks. Includes entries for MX, MN, CRG, SRG, NWRC, U, etc.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Matamoras County Pike State Pa. Index No. 36-5470-1 Date prepared April 12, 1956. Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

\* Location is for SRG. NRIG record continues at 1st location.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station McConnellstown 4NW County Huntington State Pennsylvania Index No. 36-5536 Date prepared 1/8/57. Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

\*Also known as Loop Nt Fire Tower

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Mayburg County Forest State Pa. Index No. 36-5490-10 Date prepared April 20, 1956. Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station McCornick County Indiana State Pennsylvania Index No. 36-5541 Date prepared 1/18/57. Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station McConnellsburg County Fulton State Pa. Index No. 36-5526-8 Date prepared April 25, 1956. Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.

\* USWB Climatological Data Summaries, BULLETIN W -- summaries to 1930

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station McKeesport County Allegheny State Pa. Index No. 36-5573-9 Date prepared April 25, 1956. Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng, Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks.



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station Meadow Run Ponds County Luzerne State Pa. Index No. 36-5601-1 Date prepared April 24, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

Auth by CO Ltr 6/4/48, Div 3.0.

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UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station Meadville 7 MW County Crawford State Pa. Index No. 36-5611 Date prepared 1/13/58

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

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UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Page 1 of 2 pages

Office preparing form: WRAS, Harrisburg, Pa.

Station Meadville 1S County Crawford State Pa. Index No. 36-5606-10 Date prepared April 25, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

\* Penna. Secretary of Internal Affairs (Publications to 1897, Summaries to 1895)
† Smithsonian Institution (1860 - 1865)
% Water Resources Inventory -- Penna. Water Supply Commission (one volume)

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station Mechanicsburg County Cumberland State Pennsylvania Index No. -- Date prepared 3/11/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

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UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Page 2 of 2 pages

Office preparing form: WRAS, Harrisburg, Pa.

Station Meadville 1S County Crawford State Pa. Index No. 36-5606-10 Date prepared April 25, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 7th to 10th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 7th to 10th.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station Media County Delaware State Pennsylvania Index No. -- Date prepared 3/26/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WMS, Harrisburg, Pa.

Station: Media 1 NE, County: Delaware, State: Pa., Index No.: - Date prepared: 1/8/58

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WMS, Harrisburg, Pa.

Station: Mercer 4 NW, County: Mercer, State: Pa., Index No.: 36-5652 Date prepared: 12/18/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBS, Harrisburg, Pa.

Station: Medix Run, County: Elk, State: Pa., Index No.: 36-5627-7 Date prepared: May 4, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBO, Pittsburgh, Pa.

Station: Mercer 6 W, County: Mercer, State: Pa., Index No.: 36-5650-0 Date prepared: 3/1/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WRC, Chattanooga, Tenn.

Station: Mercer 2 NNE, County: Mercer, State: Pa., Index No.: 36-5651-9 Date prepared: 12-24-57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBS, Harrisburg, Pa.

Station: Mercersburg, County: Franklin, State: Pa., Index No.: 36-5682-4 Date prepared: May 4, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks.



WB Form 530-1  
 UNITED STATES DEPARTMENT OF COMMERCE  
 WEATHER BUREAU  
**SUBSTATION HISTORY**  
 Office preparing form: WAS, Harrisburg, Pa.  
 Station: Manor Highway Shed County: Mercer State: Pa. Index No. 36-5651-10 Date prepared: 1/19/58

Loc. No.	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	39°31'50" N	78°03'11" W		1250	0.6 mi. W		Manor	Ovr sod on level ground, terrain hilly and wooded.
2nd	39°31'50" N	78°03'11" W		1250	0.6 mi. W		Manor	Ovr sod on level ground, terrain hilly and wooded.
3rd	39°31'50" N	78°03'11" W		1250	0.6 mi. W		Manor	Same
4th	39°31'17" N	78°03'11" W		1250	0.5 mi. W	30' N	Manor Highway Shed	Same
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	RR-7	NWRC	CD	9/27/1937 9/26/1938	9/16/1938 Pa. Dept. of Highways	
2nd	RR-7, Mc Mn CBS IV	NWRC	CD	9/17/1938 12/21/1938	Pa. Dept. of Highways Pa. Dept. of Highways	Mc Mn CBS moved 5 Mi. SW of previous location at Manor Airport
3rd	RR-7	NWRC	CD	1/1/1949 10/28/1951	10/28/1951 Pa. Dept. of Highways	Thermometer and shelter removed to station 36-5650 1/1/49.
4th	RR-7	NWRC	HPD	10/29/1951	10/29/1951 Pa. Dept. of Highways	
5th						
6th						

WB Form 530-1

WB Form 530-1  
 UNITED STATES DEPARTMENT OF COMMERCE  
 WEATHER BUREAU  
**SUBSTATION HISTORY**  
 Office preparing form: WAS, Harrisburg, Pa.  
 Station: Meyersdale County: Somerset State: Pennsylvania Index No. 36-5684-9 Date prepared: 1/18/57

Loc. No.	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	39°48'48" N	79°01'26" W		1980	0.3 mile SE		Meyersdale	Ovr sod 40 ft. SE of high tree. Terrain mountainous.
2nd	39°48'37" N	79°01'29" W		2000	0.3 mi S	0.2 mi S	Meyersdale	Immed. area residential, hilly, thinly wooded. Terrain steep & heavily wooded.
3rd	39°49'06" N	79°01'30" W		2080	0.2 mi NNE	0.5 mi N	Meyersdale	Ovr sod 25 ft. S of garage. Residential area hilly & thinly wooded.
4th	39 49 79 02			2040	7 miles SSW PO	1.2 MI SSW	Meyersdale	Residential area surrounded by very hilly & wooded terrain.
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	CD, HB**	Apr 13, 1939 Feb 10, 1955	Apr 1939 - Feb 10, 1955 Louis M. Weld	
2nd	SRG	NWRC	CD	Feb 11, 1955 Sept 8, 1955	Feb 11, 1955 - Sept 8, 1955 Leater Harding	
3rd	SRG	NWRC	CD	Sept 9, 1955 3/22/56	Sept 9, 1955 - 3/22/56 John Blocher	
4th	SRG	NWRC	CD	7/16/57	Arthur W. Potter	Same located at Meyersdale 1.18 (5695) from 3/56 - 7/16/57. Not compatible.
5th						
6th						

\*Terrain mountainous.  
 \*\* HB - Hydrologic Bulletin (1939 - 1948)

WB Form 530-1

WB Form 530-1  
 UNITED STATES DEPARTMENT OF COMMERCE  
 WEATHER BUREAU  
**SUBSTATION HISTORY**  
 Office preparing form: WAS, Harrisburg, Pa.  
 Station: Jermansburg County: Monroe State: Pa. Index No. 36-5676-1 Date prepared: 1/11/58

Loc. No.	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°54'00" N	75°28'08" W		970	2.6 mi NW of Effort		Merrivinsburg	Ovr sod in observers yard on narrow of foothills of Pocono Mts.
2nd	40°57'05" N	75°26'15" W		840	1.1 mi NW of Effort	1.5 mi SE		Ovr sod in observers yard - exposure good.
3rd	40°57'05" N	75°26'15" W		820	0.9 mi. NW of Effort	0.2 mi SE		Yr change in gage location.
4th	40°57'12" N	75°27'20" W		800	1.5 Mi. NW of Effort	0.9 mi SW		On ground in observers yard - exposure good
5th	40°57'11" N	75°27'10" W		920	1.9 mi. NW of Effort	0.4 mi NW		On ground in observers yard - exposure good
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	CD	9/1938 6/30/1949	9/1938 - 10/30/1949 Conrad H. Gould	
2nd	RR-7	NWRC	CD HPD	7/23/1952 1/23/1952	7/23/1952 - 1/23/1952 Robert C. Gould	Est. by Pa. Dept. of PEN
3rd	RR-7	NWRC	HPD	1/23/1952	1/23/1952 - 11/5/1952 John Lezer	
4th	RR-7	NWRC	HPD	11/5/1952	11/5/1952 - 10/5/1954 William L. Shupp	
5th	RR-7	NWRC	HPD	10/5/1954	10/5/1954 - 10/5/1954 Lemuel D. Murphy	
6th						

\* 11/6/1952 - 11/21/1952  
 Joseph Webb

WB Form 530-1

WB Form 530-1  
 UNITED STATES DEPARTMENT OF COMMERCE  
 WEATHER BUREAU  
**SUBSTATION HISTORY**  
 Office preparing form: WAS, Harrisburg, Pa.  
 Station: Meyersdale 1 ENE County: Somerset State: Pa. Index No. 36-5685-9 Date prepared: May 4, 1956

Loc. No.	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	39°48'16" N	79°00'44" W		2280	0.9 miles ENE		Meyersdale 1 ENE	Ovr sod 50 ft. S of observer's home. Terrain very hilly & heavily wooded.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	CD	Mar 23, 1956 7-16-57	Mar 23, 1956 - 7-16-57 Arthur B. McCarter	SRG moved 0.7 miles ENE when Meyersdale closed (36-5684) Not compatible.
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

WB Form 530-1  
 UNITED STATES DEPARTMENT OF COMMERCE  
 WEATHER BUREAU  
**SUBSTATION HISTORY**  
 Office preparing form: WAS, Harrisburg, Pa.  
 Station: Meshoppen County: Wyoming State: Pennsylvania Index No. 36-5676-1 Date prepared: 3/14/57

Loc. No.	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 35	75 50		700	U.		Meshoppen	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, KY, MW, CBS	NWRC	CWB	Jan 1889 Mar 1892	Jan 1889 - Mar 1892 Stephen Jenkins	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

WB Form 530-1  
 UNITED STATES DEPARTMENT OF COMMERCE  
 WEATHER BUREAU  
**SUBSTATION HISTORY**  
 Office preparing form: WAS, Harrisburg, Pa.  
 Station: Middlebury (USX 74) County: Pioma State: Pennsylvania Index No. 36-5676-1 Date prepared: 3/14/57

Loc. No.	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 54	77 19		1850	4.9 mi NW		Middlebury (USX 74)	Terrain mountainous and wooded.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, BRW	NWRC	HB	Feb 8, 1937 Oct 31, 1944	Feb 1937 - Oct 1944 Elvin R. Smith	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Mifflintown (Olnstead Fld) County Dauphin State Pa. Index No. 36-5703-4 Date prepared May 8, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40° 11' 44" N, 76° 45' 50" W, 303, 1.5 miles NE, Mifflintown Olnstead Fld, Ovr sod in open area NE of operations hangar. Terrain.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Dates 1st and last observations), Observers and Dates, Remarks. Row 1: CRS, Lx, Mh, DT, WT, A, B, M, Bg, SRG, Psy, NWRC, CD, Apr 17, 1928, Apr 17, 1928 - U. S. Air Force, All equipment owned by Air Force.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Mifflinburg County Union State Pennsylvania Index No. Date prepared 3/15/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40° 55' 77.03, 580 U., Mifflinburg U.

Table with columns: (Con't), Instruments used, Record, Observers and Dates, Remarks. Row 1: SRG, U., U., U., Dates Unknown, R. B. Winter.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Midland Dam 7 County Beaver State Pa. Index No. 36-5710-9 Date prepared May 7, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40° 31' 00" N, 80° 28' 00" W, 689, 0.9 miles SW, Midland Dam 7, On concrete walk S side of Ohio River in 800' valley oriented NW-SE.

Table with columns: (Con't), Instruments used, Record, Observers and Dates, Remarks. Row 1: SRG, CS, Lx, M, NWRC, CD, Jan 1, 1936, Jun 1, 1936 - Corps of Engineers.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Mifflintown County Juniata State Pa. Index No. 36-5726-N Date prepared 11/27/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40° 34' 77" 25', 445 Unknown, Mifflintown Unknown. Row 2: 40° 34' 77" 23', 445 Unknown, Mifflintown Unknown. Row 3: 40° 34' 13" 77" 24' 40", 600 Unknown, Mifflintown Unknown.

Table with columns: (Con't), Instruments used, Record, Observers and Dates, Remarks. Row 1: DT SRG, Unk, SIA, 1839, 1841, 1839 - 1841, Mr. Ben Kirk. Row 2: Mx Mh CRS SRG, NWRC, WRI, CWB, 6-1903, 6/1903 - 10/1932, 11/1932 - 5/1935, W. H. Menbeck Co. Row 3: Mx Mh CRS SRG, NWRC, CD, 4-13-38, Wellington Smith, 12-1-36, 12-1-36 / 4-10-38, Andrew McNeillis.

\* SIA - Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895) WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume) CWB - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Mifflin County JUNIATA State Pennsylvania Index No. -- Date prepared 7/26/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40° 34' 77.24, 490 U., Mifflin U.

Table with columns: (Con't), Instruments used, Record, Observers and Dates, Remarks. Row 1: SRG, U., WRI, CWB, May 1935, Apr 1935, May 1935 - Apr 1935, Observer Unknown.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Milan County Bradford State Pennsylvania Index No. 36-5731 Date prepared 1/27/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 41° 55' 76.31, 820, 0.5 mile S, Milan (USE 3-34), In open field surrounded by low bushes. Terrain hilly. Row 2: 41° 55' 76.32, 780, 0.2 mile N, Milan, In field across road from obs house. Row 3: 41° 55' 76.31, 760, 0.2 mile E, Milan, Over sod in obs yard. Terrain hilly.

Table with columns: (Con't), Instruments used, Record, Observers and Dates, Remarks. Row 1: BRNG, NWRC, WRI, CD, Jul 1, 1939, May 1, 1948, William S. Roberts, Station established 2/3/38 but record starts 7-1-39. Row 2: BRNG, NWRC, CD, May 1, 1948, William S. Roberts. Row 3: BRNG, NWRC, CD, May 23, 1951, William S. Roberts. Row 4: BRNG, NWRC, CD, Nov 30, 1954, May 23, 1951 - Nov 30, 1954.



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Milan 4 MWV County Bradford State Pa. Index No. 36-5732-6 Date prepared May 4, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

\* hilly & wooded

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Mill Creek County Osberlin State Pennsylvania Index No. Date prepared 3/15/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Milanville County Wayne State Pa. Index No. 36-5756-1 Date prepared May 7, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Millersburg SE County Dauphin State Pa. Index No. 36-5775-4 Date prepared May 7, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Milford County Pike State Pennsylvania Index No. Date prepared 3/15/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Millheim County Centre State Pa. Index No. 36-5790-7 Date prepared May 7, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Y X  
WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **Millville** County: **Columbia** State: **Pennsylvania** Index No: **36/5816** Date prepared: **1/21/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 08	76 32		820	U.		Millville	At reservoir of water company
2nd	41 07	76 32		650	0.1 mi N	U.5 mi SW	Millville	In observer's yard 75' NE from residence. Terrain hilly
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRV	NWRC	CD, NB	Aug 13, 1937 June 15, 1949 June 16, 1949 June 16, 49 - Sept 21, 50 Sept 21, 1950	Aug 13, 1937 - Jun 15, 1949 Leonard Wright Moved to Millville 2SW (36-5817) William Bartholomew Sept 22, 1950	
2nd	SRV, SRV	NWRC	CD			
3rd						
4th						
5th						
6th						

WB Form 530-1

Y X  
WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **Milton** County: **Northumberland** State: **Pennsylvania** Index No: **3-15-57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 01	76 55		470	U		Milton	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRV, DT	U.	WRI, SIA	June 1879 May 1882	June 1879 - May 1882 Thomas H. Duffy	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

Y X  
WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **Millville 2SW** County: **Columbia** State: **Pa.** Index No: **36-5817-5** Date prepared: **May 7, 1956**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 42'	74 76'		1300	Unknown		Millville	Unknown
2nd	41 50' 00"	76 33' 40"		860	2.1 mile SW		Millville 2 SW	Ovr ground in open area. Terrain surrounding terrain hilly to mountainous.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRV, Mx, Mx, CRS	Unk.	Unk.	Dec 1885 Feb 1884 Sep 22, 1950	Dec 1885-Feb 1884 Custava Thomsen Kenneth Leighow	
2nd	SRV, SRV	NWRC	CD HPD			
3rd						
4th						
5th						
6th						

WB Form 530-1

Y X  
WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **Mineral Point** County: **Cambria** State: **Pennsylvania** Index No: **-** Date prepared: **3-27-57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 23	78 50		1400	U.		Mineral Point	
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRV	U.	WRI	Jan 1905 Dec 1915	Jan 1905 - Dec 1915 Cambria Steel Company	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

Y X  
WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **Milroy** County: **Mifflin** State: **Pa.** Index No: **36-5825-5** Date prepared: **May 7, 1956**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 42' 50"	77 38' 20"		770	100 ft. North		Milroy	Ovr sod in observer's yard.
2nd	40 42' 48"	77 36' 11"		780	0.3 miles East	0.2 mi. SW	Milroy	Ovr sod in observer's yard.
3rd	40 42' 50"	77 36' 25"		780	200 ft. South	0.3 mi. NW	Milroy	Ovr sod in observer's yard.
4th	40 44' 00"	77 32' 25"		790	2.8 miles NE	3.0 mi. SW	Milroy	Ovr sod 60' SE of barn in 3 mi. W of valley, oriented SW-NE. Ridges 1900' hi.
5th	40 42' 48"	77 36' 11"		770	100 ft. NW	2.9 mi. SW	Milroy	Ovr sod 15' S of Creek in valley 3 mi. wide, oriented SW-NE. Ridges 1900' hi.
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRV	NWRC	CD	1/19/46 Sep 26, 1946 Dec 31, 1946 Jan 1, 1947 Nov 20, 1949 Feb 19, 1951	1/19/46 8/26/46-12/31/46 Thomas C. Harbeson 1/1/47-11/30/49 David S. Nece 2/18/51-9/30/51	
2nd	SRV	NWRC	CD	Sep 30, 1951 Apr 23, 1952	Empold B. Fleisher 4/23/52-12/7/55	No recorder rec'd Dec 1949-Feb 1951 No recorder rec'd Feb 1951-Apr 1952
3rd	SRV	NWRC	CD	Dec 7, 1955	Frank Houser	
4th	SRV	NWRC	CD	Dec 8, 1955	Dec 8, 1955- Thomas Harbeson	
5th						
6th						

WB Form 530-1

Y X  
WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WBAS, Harrisburg, Pa.**

Station: **Minerwilla** County: **Schuykill** State: **Penna.** Index No: **-----** Date prepared: **5/8/55**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 51' 54"	76 30' 12"		950	2.0 miles W		Minerwilla	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRV	U. N. K.	U. N. K.		Dates Unknown D. M. Pincoll	Silver Creek Water Company
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1



UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Montrose Furnace County: Huntingdon State: Pa. Index No. 36-5234 Date prepared: 3/15/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40°41'50" 77°52'35", 1800, 2.5 mi. S of P.O. at Pine Grove Mills, Montrose Furnace, Terrain mountainous.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, RRG, NRRC, CH, HB, July 21, 1941, July 1941 - Jan. 1950, Jan. 31, 1950, Pa. State University, \* Also known as Shaver Creek #2.

# Hydrologic Bulletin (1939 - 1948)

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Monroeton 2 S County: Bradford State: Pa. Index No. 36-5889 Date prepared: 1/8/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 43°41'50" 79°23'53", 2120, 2 miles S, Monroeton 2 S, U.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, RRG, NRRC, CD, Sept. 1945, Sept. 1945 - May 1949, Pa. Dept. Forest & Waters.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WBO, Pittsburgh

Station: Montgomery Dam County: Beaver State: Penna. Index No. 36-5902 Date prepared: May 1, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40°38'50" 80°23'21", 692, 1.4 mi E of Industry, Pa. P. O., Montgomery Dam, SRG on concrete on middle lock wall.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG, MRIG, RRG, C. of E. Pgh., Pa., 6/1/36, 6/1/36 - Corps of Engineers, (Mr. F. H. McCullough) \*

\* Station established 6/1/36  
Precip. record began 6/1/36

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Montrose County: Susquehanna State: Pa. Index No. 36-5520 Date prepared: 1/22/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 43°50'12" 77°52'18", 1850, 0.6 mile N, Montrose, On south wall of water reservoir terrain, mountainous and wooded.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, RRG, NRRC, CV, July 1937, July 1937 - July 1949, July 25, 1949, Consumers Water Company 3 B (36-5912)

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Montrose 1 E County: Susquehanna State: Penna. Index No. 36-5915-6 Date prepared: 5/8/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 41°50', 75°53', 1680, UNKNOWN, Montrose, Ovr sod 100 ft from house. Terrain hilly and wooded.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG, CRS, Mx, Mn, NRRC, CD, PWS, July 1903, Oct 1924, Unknown-Feb 13, 1912, Feb 12, 34, Precip record Jun 1888-Sep 1888

WB Form 530-1

# CHB - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)  
§ PWS - Penna. State Weather Service, Monthly Summaries (1887 - 1895)  
\* HB - Hydrologic Bulletin (1939 - 1948)  
\* Rainfall station discontinued Jan 31, 1928  
\*\* Miss Catherine Tyler 2/12/34 - Oct 31, 1934

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Moorestown County: Hartshorn State: Pa. Index No. --- Date prepared: 1/22/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40°46'10" 77°52'12", 750, 4 miles N. P.O. at Beth, Pa., Moorestown, U.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, RRG, NRRC, HB, June 8, 1940, June 1940 - July 1941, July 1, 1941, Kermit Trach

# Hydrologic Bulletin (1939 - 1948)

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WNAS, Harrisburg, Pa.

Station: Moreland County: Montgomery State: Pa. Index No: - Date prepared: 3/15/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 1st, 40° 10' 15" N, 75° 11' W, U., 250, UNKNOWN, - Moreland, UNKNOWN.

Table with columns: (Con't), Instruments used, Record (Original, Where published, Dates), Observers and Dates, Remarks. Row 1: 1st, SRG, DT, U., WRI # SIA #, June 1864, Nov 1873, Anna Spencer.

\* WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)  
# SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WNAS, Harrisburg, Pa.

Station: Morgantown County: Berks State: Pa. Index No: 36-5956-6 Date prepared: May 8, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 1st, 40° 09' 25" N, 76° 53' 36" W, 595, 0.5 miles NE, Morgantown, Over sod in open area. Terrain rolling.

Table with columns: (Con't), Instruments used, Record, Observers and Dates, Remarks. Row 1: 1st, SRG, CBS, MX, No, NWRC, CD, Jun 1, 1951, Jun 1, 1951, Pa. Harpuk Commission.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WNAS, Harrisburg, Pa.

Station: Morrisville County: Lucks State: Pa. Index No: - Date prepared: 3/15/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 1st, 40° 13' 74" N, 74° 52' W, 50, Unknown, - Morrisville, Unknown.

Table with columns: (Con't), Instruments used, Record, Observers and Dates, Remarks. Row 1: 1st, SRG, DT, NWRC, BW, WRI # SIA #, Jan 1790, Dec 1859, Charles Pierce.

\* BW - USWB Climatological Data Summaries, BULLETIN W - summaries to 1930  
# WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)  
§ SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WNAS, Harrisburg, Pa.

Station: Moselen County: Berks State: Pa. Index No: - Date prepared: 3/15/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 1st, 40° 30' 75" N, 75° 52' W, 340, 1.7 mi S of P. O. at Virginville, Pa., same, Over sod on level land. Terrain rolling and agricultural.

Table with columns: (Con't), Instruments used, Record, Observers and Dates, Remarks. Row 1: 1st, SRG, NWRC, HB #, Aug 1, 1945, Dec 1, 1945, Elmer Seibach.

\* HB - Hydrologic Bulletin (1939 - 1948)

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WNAS, Harrisburg, Pa.

Station: Morris Run County: Tioga State: Pa. Index No: - Date prepared: 1/23/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 1st, 41° 41' 77" N, 77° 01' W, 1700, Unknown, - Morris Run, Over ground 27 ft from nearest bldg. 1 mi SW of 6 acre dam in stream country.

Table with columns: (Con't), Instruments used, Record, Observers and Dates, Remarks. Row 1: 1st, SRG, NWRC, CD, Nov 1, 1925, May 9, 1940, Morris Run Mining Co.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WNAS, Harrisburg, Pa.

Station: Mosgrove, Lock 8 County: Armstrong State: Penna. Index No: 36-5987 Date prepared: 1/8/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Row 1: 1st, 40° 54' 79" N, 79° 29' W, U., Unknown, - Mosgrove Lock 8, In narrow river valley oriented N-S on E side of river. Terrain unknown.

Table with columns: (Con't), Instruments used, Record, Observers and Dates, Remarks. Row 1: 1st, SRG, NWRC, CD, Oct 1, 1912, 10/1/12 - 9/30/17, U. J. Moore, 10/1/17 - 10/31/20, U. S. Army.



Y Y  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form: WHAS, Harrisburg, Pa.

Station: Mosquitoe Creek County: Lycoming State: Pa. Index No: - Date prepared: 3/28/57

Loca- tion	Latitude	Longitude	Sec. Twp. Reg.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41°12'15" N	77°30'41" W		707	3.2 mi SW of P. O. at Williamsport		Mosquitoe Creek	On N side of broad valley at base of mtn which rises 700' about 0.2 mi N.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	SRG	U.	U.	Nov 12, 1919 Oct 24, 1933	11/12/19-4/6/22 - J. Hagan	4/17/22-3/31/24 * F. A. Larson
2nd						
3rd						
4th						
5th						
6th						

\* other observers 4/1/24-3/31/29 Fred Grism  
4/1/29-10/24/33 J. H. Crouse

Y Y  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form: WHAS, Harrisburg, Pa.

Station: Moss Grove County: Crawford State: Pa. Index No: - Date prepared: 3/15/57

Loca- tion	Latitude	Longitude	Sec. Twp. Reg.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41° 40'	79° 51'		1400	15 mi ENE of P. O. at Headville		Moss Grove	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	SRG, DT	NWRC	SI * WRI **	Feb 1852 Feb 1857	Feb 1852 - Feb 1857 Francis Schriener	
2nd						
3rd						
4th						
5th						
6th						

\* SI - Smithsonian Institution (1850 - 1865)  
\*\* WRI - Water Resources Inventory -- Penna. Water Supply Commission (one volume)

Y Y  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form: WHAS, Harrisburg, Pa.

Station: Mountain House County: Fulton State: Pa. Index No: - Date prepared: 3/15/57

Loca- tion	Latitude	Longitude	Sec. Twp. Reg.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°01'08" N	78°11'18" W		1755	Unknown		Mountain House	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	SRG	NWRC	CD, BW WRI, CWB §	Mar 1909 Dec 1915	Mar 1909 - Dec 1915 T. F. Sloan	
2nd						
3rd						
4th						
5th						
6th						

\* BW - USWB Climatological Data Summaries, BULLETIN W - summaries to 1930  
§ WRI - Water Resources Inventory -- Penna. Water Supply Commission (one volume)  
§ CWB - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)

Y Y  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form: WHAS, Harrisburg, Pa.

Station: Mountaintop County: Luzerne State: Pa. Index No: - Date prepared: 1/22/57

Loca- tion	Latitude	Longitude	Sec. Twp. Reg.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41° 11'	75° 53'		1660	2.5 mi N		Mountaintop	Ovr sod. Windbreaks on all sides. Terrain hilly-Eastern part thickly wooded.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	RNRG	NWRC	HB *	May 10, 1939 Dec 3, 1946	May 1939 - Dec 1946 Spring Brook Water Co.	
2nd						
3rd						
4th						
5th						
6th						

\* HB - Hydrologic Bulletin (1939 - 1948)

Y Y  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form: WHAS, Harrisburg, Pa.

Station: Mt. Crestna 2 SE County: Lancaster State: Pa. Index No: 36-6028-4 Date prepared: May 8, 1956

Loca- tion	Latitude	Longitude	Sec. Twp. Reg.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°13'55" N	76°20'10" W		670	2.2 miles SE		Mt. Crestna 2 SE	Ovr sod in open area. Terrain rolling.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	SRG, CPS, Mx, Mh	NWRC	GD	Jun 1, 1951	Jun 1, 1951- Pa. Turnpike Comm.	Princp record April 1910-Dec 1915
2nd						
3rd						
4th						
5th						
6th						

Y Y  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form: WHAS, Harrisburg, Pa.

Station: Mount Joy County: Lancaster State: Pa. Index No: - Date prepared: 3/15/57

Loca- tion	Latitude	Longitude	Sec. Twp. Reg.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 06'	76° 31'		375	Unknown		Mount Joy	Terrain rolling and agricultural
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	SRG, DT	NWRC	BW, SIA ** SI, WRI §	Mar 1857 Dec 1873	Mar 1857 - Dec 1873 J. R. Hoffer	
2nd						
3rd						
4th						
5th						
6th						

\* BW - USWB Climatological Data Summaries, BULLETIN W - summaries to 1930  
\*\* SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
§ WRI - Water Resources Inventory -- Penna. Water Supply Commission (one volume)

Station Mt Lebanon County Allegheny State Pa. Index No. - Date prepared 1/23/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st								
1st	40° 23'	80° 03'		1200	0.2 mi West	-	Mt Lebanon	Ovr. sod 15 ft from house Terrain rolling to hilly
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	Nx, Nn, CRS, SRG	NWRC	CD # HB #, CMB #	Dec 1, 1925 Dec 31, 1945	12/1/25 - 1935 Royer Howell	1935 - 12/3/45 Fred Hoffman
2nd						
3rd						
4th						
5th						
6th						

\* CD - Climatological Data, Pennsylvania (1914 - )  
# HB - Hydrologic Bulletin (1939 - 1948)  
‡ CMB - Report of Chief of Weather Bureau (continuation of C50) (1891 - 1930)

Station Mount Pocono 2 N Airport County Monroe State Pa. Index No. 26-6055-1 Date prepared 5/16/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41° 07'	75° 30'		1660	Unknown	-	Pocono Lake	Ovr. sod 75 ft. from residence Terrain rolling and wooded
2nd	41° 07' 15"	75° 21' 40"		1720	Unknown	unk	Mt. Pocono	Ovr. partial sod. Surrounding terrain steep. Mt. summit of mtn.
3rd	41° 08'	75° 22'		1911	Unknown	unk	Mt. Pocono	Ovr. sod at airport in open level area on top of mtn.
4th	41° 07'	75° 22'		1800	3.0 mi. NW	unk	Mt. Pocono	Ovr. sod in open field. Located on top of mtn. on level land.
5th	41° 08' 30"	75° 22' 12"		1915	1.5 mi. N	unk	Pocono	Ovr. sod in open area on top of mtn. Wooded terrain nearby.
6th	41° 07'	75° 22'		1800	0.5 mi. W	unk	Mt. Pocono	Ovr. sod in 200x300 ft. open area. Terrain wooded. 200 ft. ridge 0.5 mi. N

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG CRS Mx Mn	NWRC	CD CMB HW	Sep 12, 1901 Feb 28, 1915	Sep 12, 1901-May 1913 Pocono Lake Ice Co. #	Renamed Pocono Pines May 1913
2nd	SRG CRS Mx Mn	NWRC	CD CMB HW	Mar 1, 1915 June 1935	Mar 1, 1915-June 1935 Cecil J. Haskinsson	Record incomplete
3rd	SRG CRS Mx Mn	NWRC	CD	July 1935 June 1938	Cecil J. Haskinsson Paul Haskinsson	
4th	SRG CRS Mx Mn	NWRC	CD HB	July 1938	July 1938-Jan 31, 1913	CMA Station began operations 2/4/1914
5th	SRG CRS RRnG Mx Mn	NWRC	CD HB	Feb. 24, 1913 Feb. 1, 1913	Cecil J. Haskinsson Feb. 1, 1913	and also took obs. at airport
6th	RRnG SRG CRS Mx Mn	NWRC	CD	Sep. 30, 1918 July 31, 1909	Weather Bureau employees July 11, 1909-June 30, 1950	

\* Carl Major Aug. 1913-Feb. 1915

Station Mount Pisgah County Bradford State Pa. Index No. - Date prepared 3/15/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41° 24'	76° 24'		2500	Unknown	-	Mount Pisgah	Terrain mountain and forested
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, DT	U.	U.	June 1886 Aug 1886	June 1886 - Aug 1886 N. Gustine	
2nd						
3rd						
4th						
5th						
6th						

Station Mount Pocono 2 N Airport County Monroe State Pa. Index No. 26-6055-1 Date prepared 5/16/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
2nd	41° 07' 35"	75° 21' 40"		1811	0.4 mi. NW	W	Mount Pocono	Ovr. sod in open area near summit of mtn.
3rd	41° 08' 30"	75° 22' 12"		1915	2.0 mi. NW	1.2 MM	Mount Pocono 2N Airport	Ovr. sod 50 ft. SW of Apt. managers office in open area on top of mtn.
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
2nd	RRnG SRG CRS Mx Mn	NWRC	CD	July 1, 1950 Aug. 1, 1950	July 1, 1950-Aug. 1, 1950 Daniel E. Krynick	
3rd	RRnG SRG CRS Mx Mn	NWRC	CD HPD	Aug. 15, 1950	Aug. 15, 1950 - H. John Davis	
4th						
5th						
6th						

Station Mt. Pocono County Monroe State Pa. Index No. 26-6055-1 Date prepared 11/16/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41° 07'	75° 22'		1720	1/2 mi. SW	-	Mt. Pocono	Ground exposure at obs. residence surrounding area is mountainous.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	Allentown	10-11-56	10-11-56 / Harry E. Greene	
2nd						
3rd						
4th						
5th						
6th						

Station Mount Rock County Cumberland State Pa. Index No. - Date prepared 3/15/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 10'	77° 21'		600	Unknown	-	Mount Rock	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, DT	U.	SIA # SI #	Aug 1871 Mar 1875	Aug 1871 - Mar 1875 J. Lefevre	Record discontinuous
2nd						
3rd						
4th						
5th						
6th						

\* SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
# SI - Smithsonian Institution (1850 - 1865)



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Mount Union 1 N County Mifflin State Pa. Index No. 36-6067-6 Date prepared May 8, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for Mount Union 1 N.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes records for Mount Union 1 N.

\* Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930) \*\* Hydrologic Bulletin (1939 - 1949)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Murrysville County Westmoreland State Pa. Index No. 36-6111-9 Date prepared 5/8/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for Murrysville.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes records for Murrysville.

\* WSC - Reports of Pa. Water Supply Commission (1915 - 1920). WRI - Water Resources Inventory - Pa. Water Commission (one volume). # Previous precip record: 4-1857 / 3-1859; Jan - Mar 1868; Jan - July 1867. No other information available.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Muhlenburg 1 SE County Luzerne State Penna. Index No. 36-6090-1 Date prepared 5/8/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for Muhlenburg 1 SE.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes records for Muhlenburg 1 SE.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Myerstown County Lebanon State Penna. Index No. 36-6126-4 Date prepared May 8, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for Myerstown.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes records for Myerstown.

\* HB - Hydrologic Bulletin (1939 - 1948) # Previous precip record May 1889 - December 1890 - No other information available.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Muncy Valley County Sullivan State Pa. Index No. 36-6098 Date prepared 1-23-57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for Muncy Valley.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes records for Muncy Valley.

\* WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume) CWB - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930) # No observations taken from Feb 1912 to Sept 1913.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Narberth County Montgomery State Pa. Index No. - Date prepared 3/15/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for Narberth.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes records for Narberth.

\* CWB - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930) \*\* CD - Climatological Data, Pennsylvania (1914 - )

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WRO, Pittsburgh, Pa.

Station Natrona, Lock 4 County Allegheny State Pa. Index No. 36-6151-9 Date prepared April 30, 1966

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes entries for 1st through 6th locations.

Victor W. Phillips - 8/1/27-5/31/29
Clarence O. Valentine - 8/1/29-3/31/29
Bert B. Hildebrand - 8/1/29-5/30/49
Golden E. Reesman - 7/1/49-
\* Allegheny River

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WEAS, Harrisburg, Pa.

Station Neshaminy Falls County Bucks State Pa. Index No. 36-6194-3 Date prepared May 10, 1966

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes entries for 1st through 6th locations.

\* Company owned Max, Min, shelter in use but data not sent to Weather Bureau.
\* USGS Climatological Data Summaries, 1912-1913 W-summaries to 1930
# Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)
\$ Hydrologic Bulletin (1939 - 1948)
\*\* Philadelphia Suburban Water Co.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WEAS, Harrisburg, Pa.

Station Nazareth County Northampton State Pa. Index No. - Date prepared 3/15/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes entries for 1st through 6th locations.

\$ SI - Smithsonian Institution (1850 - 1865)
\$ SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)
# WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)
\*\* J. C. Harvey - 9/1859-11/1859
O. T. Hübener - 3/1861 - 5/1862
Lucius Rieckecker - 7/1862 - 12/1864

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WEAS, Harrisburg, Pa.

Station New Bloomfield County Perry State Pa. Index No. - Date prepared 3/23/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes entries for 1st through 6th locations.

\* CD - Climatological Data, Pennsylvania (1914 - )
# HB - Hydrologic Bulletin (1939 - 1948)
\$ WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)
\* FSM - Penna. State Weather Service, Monthly Summaries (1887 - 1895)

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WEAS, Harrisburg, Pa.

Station Neffs Mills & NE County Huntingdon State Pa. Index No. 36-6174-8 Date prepared May 9, 1966

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes entries for 1st through 6th locations.

\* Station known as "Charter Oak", Charter Oak-near, Shaver Creek #1, through 1943.
Use of Neffs Mills began 1/1/44
\* Hydrologic Bulletin (1939 - 1948)

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU

SUBSTATION HISTORY

Office preparing form WEAS, Harrisburg, Pa.

Station New Brighton County Beaver State Pa. Index No. - Date prepared 1/23/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes entries for 1st through 6th locations.

WB Form 530-1



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WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Newburg 3 W** County **Franklin** State **Penna.** Index No. **36-6225-4** Date prepared **5/10/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 09' 15" N	77° 36' 50" W		745	3.4 mi W		Newburg 3 W	In open area. Terrain flat E to W. N. 3/4 mi NW
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, Mx, Mn, CRS	NWRC	CD	12/15/41 to date	Penna. Turnpike Comm. 12/15/41 - to date	Authorization Central office letter 3/10/42 CMB:ER
2nd						
3rd						
4th						
5th						
6th						

12/21/50 - installation of Weather Bureau equip. to replace obsolete Penna. Turnpike Comm. equipment.  
Hour of observation changed to 5 PM, 5/1/57.

WB Form 530-1

Y X  
WB Form 530-1

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **New Germantown** County **Perry** State **Pa.** Index No. **-** Date prepared **3/15/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 19'	77° 34'		873	Unknown		New Germantown	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, Mx, Mn, CRS	NWRC	CMB, MW, #	July 1903 to Oct 1914	July 1903 - Oct 1914	Edward Johnson
2nd						
3rd						
4th						
5th						
6th						

\* CD - Climatological Data, Pennsylvania (1914 - )  
# MW - USWB Climatological Data Summaries, BULLETIN W - summaries to 1930  
\$ WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)  
% CMB - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)

WB Form 530-1

WB Form 530-1

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **New Castle 1 N** County **Lancaster** State **Pa.** Index No. **36-6233-9** Date prepared **6/21/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41° 02'	80° 18'		940	Unknown		Skidmore	Unknown
2nd	41° 02'	80° 18'		940	Unknown		U Skidmore	Unknown
3rd	41° 01' 07"	80° 21' 10"		825	1.2 mi. N		U New Castle 1 N	Between settling basins 20 Ft E and NW in valley NW-SE. Sharp rise 250' SW and NE
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	DF, SRG	NWRC	STA BW WRI	Jan 1, 1866	Jan. 1, 1866 - July 31, 1882	
2nd	Mx, Mn, CRS, SRG	NWRC	CMB BW FWM	July 31, 1882	E. W. McConnell	
3rd	Mx, Mn, CRS, SRG, RB, G	NWRC	WRI	Jan 1, 1888	1/1/88-4/30/94 11/1903-11/1904	
4th			WB CD BW	Mar. 31 1913	Unknown	100 Blair Records fragmentary
5th			CMB	Dec 1, 1913	Dec 1, 1913 -	# Rng owned by P. Dep of FAM Employees of Hoescaatin Mfr. Co.
6th						

\* Other Observers:  
J. A. Blair 3/1907-4/1907  
W. J. Stoner 5/1907-3/1913  
# Employee Observers  
George C. Buker, J. H. Brewster, B. F. Johnson dates served unknown

WB Form 530-1

WB Form 530-1

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **New Germantown 3 S** County **Perry** State **Pa.** Index No. **-** Date prepared **3/26/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 15' 50"	77° 33' 40"		1085	3.1 mi S		Same	In wide valley oriented NE-SW. Terrain mountainous and forested.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, Mx, Mn, CRS		At observers home	12-4-55	12-4-55 /	Hugh Thompson
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

Y X  
WB Form 530-1

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Newfoundland** County **Pike** State **Pa.** Index No. **36** Date prepared **1/1/50**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41° 18'	75° 19'		1310	U.		Newfoundland	In 1/2 mi. wide valley oriented NW-SE. Terrain E & W 300' higher.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SR, FVO	U	U	Feb. 1928 - Dec. 1928	Feb. 1928 - Pa. Power & Light Co.	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

WB Form 530-1

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **New Park** County **York** State **Pa.** Index No. **36-6289-4** Date prepared **5-10-56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	39° 44' 08"	76° 30' 22"		780	0.2 mi E		New Park	Over road at observer's home. Rolling terrain.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	CMB BW CD	8-20-1924	8-20-1924 -	Clinton J. Allen
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station New Stanton County Westmoreland State Pa. Index No. 36-6310-9 Date prepared 5/10/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°13'15" N	79°53'10" W		980	0.4 mi NE		New Stanton	Over sod; terrain very hilly and wooded.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG Mx Mn CBS	NWRC	OD	3-11-1952	3-11-52 - Pa. Turnpike Commission	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Newell County Fayette State Pa. Index No. 36-6216-9 Date prepared 5/10/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°04'03" N	79°53'23" W		776	0.3 mi. E P.O.		California, Pa.	Over sod on campus of California State Teacher's College
2nd				785	0.4 Mi. E		0.5 NW Newell	Over sod at observatory's home inside plant grounds; CRS on ground; rest of equip. on platform 45' above grd.
3rd	40°04'15" N	79°53'34" W		805	0.3 Mi. NE		0.1 NW Newell	
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	CRS Mx Mn SRG A	NWRC	EW CD	Oct. 1, 1901	10/1/01-10/31/15	Records maintained currently on College basis, not official WS, nor #
2nd	Tg Hye Triple Rng; CRS Mx Mn SRG A	NWRC	EW CD	May 6, 1919	Employees of General Chemical Co. 5/4/19	Shelter moved from roof to ground exposure about May 1916
3rd	Tg Hye Triple Rng; CRS Mx Mn SRG A	NWRC	CD	June 1, 1916	Employee of General Chemical Co. 6/1/16	
4th						
5th						
6th						

#or students of Teachers College. #received at Section Center.

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Newtown County Bucks State Pa. Index No. 36-6297-5 Date prepared 3/15/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 15'	74° 57'		80	Unknown		Newtown	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG	U.	WRI * SIA **	Feb 1837 - June 1843	Feb 1837 - June 1843 L. H. Fargson	12/1906 Near George School 3280 which began/
2nd						
3rd						
4th						
5th						
6th						

\* WRI - Water Resources Inventory -- Penna. Water Supply Commission (one volume)  
\*\* SIA - Penna. Secretary of Internal Affairs (tabulations to 1887, Summaries to 1895)

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Newport County Perry State Pa. Index No. 36-6297-5 Date prepared 5/10/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°28'15" N	77°08'10" W		400	0.2 mi. NW		Newport	River gages on W bank of Juniata R. Other inst. over sod in 0.4 wide valley
2nd	40°28'15" N	77°08'10" W		400	0.2 mi. NW		" " " " " "	" " " " " "
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	NR10, NR10, SRG, CRS, Mx, Mn	NWRC	CD, HR, CWB	Jan 1, 1931	1/1/31-10/25/38 10/26/38-3/31/43	
2nd	NR10, NR10, SRG, CRS, Mx, Mn	NWRC	CD, HR	Mar 16, 1948	Raymond Wrights	
3rd				Mar 17, 1948	10/1/46 - Hrs. Francis K. Fry	
4th						
5th						
6th						

\*Other observers:  
Benny F. Carl 1/1/31-3/31/43  
Mrs. Betty S. Carl 1/1/43-6/30/43  
Mrs. Frederick A. Fry 10/1/46-9/30/46  
Mrs. Francis K. Fry 10/1/46 -

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station New Tripoli County Lehigh State Pa. Index No. 36-6326-2 Date prepared 5-10-56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°40'43" N	75°45'40" W		580	0.5 mi W/New Tripoli		New Tripoli	Over sod; In observatory yard, residential area.
2nd	40°40'45" N	75°45'10" W		570	100 ft W/New Tripoli	0.4 mi E	New Tripoli	Over sod in observatory yard.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG DT	NWRC	CD HR	9-1-1938	9-1-38/7-14-49	
2nd	SRG	NWRC	CD	7-14-1949	7-14-49 - Fred C. Oswald	
3rd					7-14-49 - Fred C. Oswald	
4th						
5th						
6th						

DT on loan 5-22-41.

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Nisbet County Lycoming State Pa. Index No. 36-6297-5 Date prepared 3/15/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41° 13'	77° 07'		550	6 mi SW		Nisbet	In broad valley oriented W-E about 0.7 mi S of Susquehanna River.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
1st	SRG	U.	WRI*	Feb 1889	Feb 1889 - June 1891	
2nd				June 1891	John S. Gibson	
3rd						
4th						
5th						
6th						

\* WRI - Water Resources Inventory -- Penna. Water Supply Commission (one volume)

WB Form 530-1



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station: Norristown County: Montgomery State: Pa. Office preparing form: WBAS, Harrisburg, Pa. Index No: 36-6370-3 Date prepared: 5-10-56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

# WRIG remained at location no. 2.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station: North Abington County: Lackawanna State: Pa. Office preparing form: WBAS, Harrisburg, Pa. Index No: - Date prepared: 3/15/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

\* WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume) # SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895) § SI - Smithsonian Institution (1850 - 1865)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station: Northeast 2 SE County: Erie State: Pa. Office preparing form: WBAS, Harrisburg, Pa. Index No: 36-6396-C Date prepared: 5/10/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

Previous temp & precip record by John T. Milliken for April 1867 through July 1867. No other information available.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station: North Park County: Somerset State: Pa. Office preparing form: WBAS, Harrisburg, Pa. Index No: - Date prepared: 5/15/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station: North Shenango County: Crawford State: Pa. Office preparing form: WBAS, Harrisburg, Pa. Index No: - Date prepared: 3/15/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

\*\* MSC - Reports of Penna. Water Supply Commission (1915 - 1920) # CWB - Report of Chief of Weather Bureau (continuation of GSO) (1891 - 1930)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station: North Shippen County: Cameron State: Pa. Office preparing form: WBAS, Harrisburg, Pa. Index No: - Date prepared: 3/15/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

WB Form 530-1

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 WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE  
 WEATHER BUREAU  
 SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station North Whitehall County Lehigh State Pa. Index No. - Date prepared 3/15/57

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 44'	75° 32'		250	Unknown		North Whitehall	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	U.	SI # MRI #, SIA*	July 1856 Aug 1870	July 1856 - Aug 1870 Edmund Kohler	
2nd						
3rd						
4th						
5th						
6th						

\* SI - Smithsonian Institution (1850 - 1865)  
 # MRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)  
 \* SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)

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 WEATHER BUREAU  
 SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Old Economy County Beaver State Pa. Index No. - Date prepared 3/18/57

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 35' 50"	80° 13' 45"		730	0.8 mi NNW of PO at Ambridge		Old Economy	on west slope of Ohio river valley oriented N-S about 0.3 mi E of river.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	DT, SRG	Old Economy	U.	1839 1852	1839 - 1852 member of Harmony Society	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

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 WEATHER BUREAU  
 SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Northumberland County Northumberland State Pa. Index No. - Date prepared 3/15/57

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 53'	75° 48'		450	Unknown		Northumberland	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	U.	MRI* SIA**	Jan 1839 Dec 1841	U.	
2nd						
3rd						
4th						
5th						
6th						

\* MRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)  
 \*\* SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)

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 WEATHER BUREAU  
 SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Onberg County Indiana State Pa. Index No. - Date prepared 3/18/57

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 40'	79° 03'		1300	2.4 mi W of PO at Glymor, Pa.		Onberg	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	RRRG	U.		Jan 1938 May 1940	Jan 1938 - May 1940 Soil Conservation Service	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

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 WEATHER BUREAU  
 SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Oil City County Venango State Pa. Index No. - Date prepared 3/15/57

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 28'	79° 45'		1025	Unknown		Oil City	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	MRI* CWB* PSM** CD, SIA*	Oct 1863 Mar 1905	Oct 1863 - Mar 1905 Joseph Weeks	
2nd						
3rd						
4th						
5th						
6th						

\* MRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)  
 # CWB - Report of Chief of Weather Bureau (continuation of C30) (1891 - 1930)  
 \*\* PSM - Penna. State Weather Service, Monthly Summaries (1887 - 1895)  
 # BW - USWB Climatological Data Summaries, BULLETIN W - summaries to 1930  
 \* SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE  
 WEATHER BUREAU  
 SUBSTATION HISTORY Office preparing form Central Office

Station Orwell 3N County Bradford State Pa. Index No. 36-6621-6 Date prepared February 28, 1958

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41° 55' 29"	76° 16' 01"		1620	3 mi N/Orwell, Pa.		Orwell 3N*	Open grassy field on observer's farm. Rolling country all directions.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	# 3" RG SRG	NWRC	CD HB	1/1943	1/1943 - William I. Brown	Was a C. of E. until 11/1/44 at which time it became WB station.
2nd						
3rd						
4th						
5th						
6th						

# 3" RG in use 2/3/37 - 11/1/44.  
 \* Station known as Orwell (USE S-25) until 11/1/44.

WB Form 530-1



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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WRAS, Harrisburg, Pa.

Station Orvigsburg County Schuylkill State Pa. Index No. - Date prepared 3/18/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 39' 15" N	76° 06' 15" W		585	Unknown	-	Orvigsburg	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	U.	Jan 1, 1938 Sep 30, 1942	Jan 1, 1938 - Sept 1942 H. Frank Snyder	
2nd						
3rd						
4th						
5th						
6th						

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WB Form 530-1 CHA:1c

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WRAS, Harrisburg, Pa.

Station Oxford County Chester State Pa. Index No. - Date prepared 3/18/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	39° 47'	75° 59'		575	Unknown	-	Oxford	Terrain rolling and agricultural
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	U.	WRI*	May 1865 Sept 1865	May 1865 - Sept 1865 D. H. Duffield	
2nd						
3rd						
4th						
5th						
6th						

\* WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WRAS, Harrisburg, Pa.

Station Osterburg County Bedford State Pa. Index No. 36-6636 Date prepared 3/18/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 10' 15" N	78° 31' 20" W		1150	0.1 mi West	-	Osterburg	Over sod on observer's lawn. Surrounding terrain hilly & wooded.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	CD	Jul 1, 1949 May 18, 1951	Jul 1949 - May 1951 Ralph K. Todd	
2nd						
3rd						
4th						
5th						
6th						

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WRAS, Harrisburg, Pa.

Station Palm County Montgomery State Pa. Index No. 36-6681-3 Date prepared 5/11/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 25' 37" N	75° 31' 45" W		380	0.1 mi E	-	Palm	Rolling country all directions. On ground 42' from R. R. Station
2nd	40° 25' 39" N	75° 31' 36" W		385	1/4 mi NE	ENE	Palm	Over sod at obs. residence.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	CD EN	10-23-1940 8-31-1952	10-23-40/8-31-52 Fred G. Roebach	
2nd	SRG	NWRC	CD	9-1-1952	Fred G. Roebach	
3rd						
4th						
5th						
6th						

WB Form 530-1

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WB Form 530-1 CHA:1c

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WRAS, Harrisburg, Pa.

Station Ottleville County Bucks State Pa. Index No. - Date prepared 3/18/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 28' 22" N	75° 09' 40" W		390	Unknown	-	Ottleville	Terrain rolling and agricultural
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	CD	Jan 1888 Dec 1913	Jan 1888 - Dec 1913 George Grin	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WRAS, Harrisburg, Pa.

Station Palmerton County Carbon State Pa. Index No. 36-6689-2 Date prepared 5/11/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 48' 07" N	75° 36' 34" W		435 #	150 ft. SW	-	Palmerton	On roof of office bldg. 50ft. above ground; hilly terrain all directions.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	CD EN	4-1-1917	4-1-17 / New Jersey Zinc Co.	Station authorized Jan. 5, 1917, records start April 1, 1917.
2nd						
3rd						
4th						
5th						
6th						

# All eqpt. exposed on roof until 1939. Since 1939 thermograph, rain gage, wind eqpt. on roof, but thermometer in shelter on pillar of Band Shell (elevation 410) in park across the street.  
\* Triple register, anemometer, wind vane, sunshine recorder, barograph, hygrograph.  
All instrument equipment property New Jersey Zinc Company.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **NRWC, Chattanooga, Tenn.**

Station **Palmyra** County **Lebanon** State **Tenn.** Index No. **36-6694-4** Date prepared **8-10-56**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Pittsburgh, Pa.**

Station **Parker** County **Armstrong** State **Pa.** Index No. **36-6721-9** Date prepared

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Paradise** County **Lancaster** State **Pa.** Index No. **-** Date prepared **3/21/57**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

\* SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Parker IE** County **Clarion** State **Pa.** Index No. **36-6724-9** Date prepared **5/16/56**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

\* January 17, 1952 name of station changed to Parker IE from Parkers Landing. Post Office was officially changed.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBO, Pittsburgh, Pa.**

Station **Parker** County **Armstrong** State **Pa.** Index No. **36-6721-9** Date prepared **5/1/56**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

River stage record began 1885. Record in daily river stages.

# of page.  
\$ available.  
% located at WBO, Pittsburgh, Pa. Form 1006 in sheet form 1/1/22 to date at Washington, D. C.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Pittsburgh, Pa.**

Station **Parkers Landing** County **Armstrong** State **Pa.** Index No. **36-6719** Date prepared **1/11/58**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks. Rows 1st to 6th.



UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBO, Pittsburgh, Pa.

Station Parkers Landing County Armstrong State Pa. Index No. 36-6720 Date prepared

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°05'31"	79°40'57"	-	1010	0.3 mi. S	-	Parkers Landing	SRG located in rear of observer's home on level grd. Exp. excellent.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	SRG, NR40, RR40	NWRC	CD	5/1/51 11/9/51	5/1/51 - 11/9/51 Louis Melarkey	
2nd						
3rd						
4th						
5th						
6th						

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Peaks Pond County Pike State Pa. Index No. 36-6786-1 Date prepared 5/17/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41°17'05"	75°05'13"	-	1380	300' NW	-	Peaks Pond	In observer's yard; rolling country all directions.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	SRG	NWRC	HB CD	8-1-45	8-1-45/ Mrs. Carrie E. Ness	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg

Station Parkersburg County Chester State Pa. Index No. 36-6727 Date prepared 5/14/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	39°57'35"	75°51'10"	-	540	1/4 mi. SE	-	Parkersburg	Ovr. sod along side of observer's residence. Rolling terrain all direct.
2nd	39°57'35"	75°51'10"	-	540	0.1 mi. SE	0.1 mi W	#	Ovr. sod in observer's yard. Rolling terrain all directions.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	RR40	unknown	not publish.	10/21/46 1/31/53	10/21/46-1/31/53 Mr. Joseph H. Meyers	
2nd	RR40	unknown	not publish.	2/1/53	3/1/53 - Thomas M. Garnett	
3rd						
4th						
5th						
6th						

Substation #5 of Brandywine Creek Drainage network under supervision of USGS Dover, Del.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Pen Mar County Franklin State Pa. Index No. - Date prepared 3/18/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	39° 44'	77° 31'	-	1200	Unknown	-	Pen Mar	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	SRG	NWRC	CWB* CD	Jan 1906 Feb 1908	Jan 1906 - Feb 1908 J. A. Peters	
2nd						
3rd						
4th						
5th						
6th						

\* CWB - Report of Chief of Weather Bureau (continuation of OSO) (1891 - 1930)

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Peapack 2 WW County Pike State Pa. Index No. 36-6762-1 Date prepared 5/17/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	Peapack	Unknown.
2nd	41° 24'	75° 15'	-	1300	Unknown	Unknown	Peapack	On ground 30' from nearest bldg. Top stands 30' above grd. Mosaic terrain.
3rd	41°24'18"	75°14'09"	-	1360	2.4 mi WW of Peapack	Unknown	Peapack 2 WW	Over sod on north slope of hill; $\frac{1}{2}$ mi SE of lake.
4th								
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	SRG	NWRC	NW MLI CD	2-1-1912 12-31-1920 4-1-1926	2-1-12/12-31-20 1-2-31/1/201, Engra. 4-1-20/1-31-20	
2nd	SRG	NWRC	NW CMB CD	1-31-1929	Peapack Elec. Co., A. Cart and/or Walter Yetterlein	
3rd	SRG	NWRC	CWB HB CD	2-1-1929	2-1-29/ Penna Power & Light Co., Miss Louise W. Yetterlein	
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Penns Creek County Union State Pa. Index No. 36-6822 Date prepared 3/2/53

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40°52'05"	77°02'55"	-	530	1 mile northeast Penns Creek	-	Penns Creek	On sod over level ground; gently rolling terrain.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Dates 1st and last observations	Observers and Dates	Remarks
		Original located	Where published			
1st	SRG, RR1G	NWRC	CD	6/24/50 7/31/52	7/1/50 - 3/31/51 Clarence R. Bringham	4/1/51 - 7/31/52 Mrs. Rhoda K. Bringham
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

XX  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Penn Nursery County Centre State Pa. Index No. - Date prepared 3/18/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 46' 39" N	77° 37' 06" W		1500	Unknown		Penn Nursery	Over soil in open area. Terrain mountainous and wooded.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	CD	Mar 5, 1942 Mar 31, 1945	Mar 1924 - Mar 1945 John F. Meeker	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

XX  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Philadelphia County Philadelphia State Pa. Index No. - Date prepared 3/27/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	39° 57' N	75° 10' W		47	Unknown		Philadelphia U.	
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	Mr, Mn, CBS	U.	U.	Dec 1877 Nov 1881	Dec 1877 - Nov 1881 John Harworth	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

XX  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Perkasie County Bucks State Pa. Index No. - Date prepared January 14, 1958

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 22' 30" N	75° 17' 50" W		400	Unknown		Perkasie	On southeast slope of gently rolling hill.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, Mr, Mn, CBS, Bk	at obser's home	not published	Jan 1906 unknown	Jan 1906 - Unknown Frank Hall	No reports submitted to WB.
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

XX  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Philadelphia (Byberry) County Phila. State Pa. Index No. - Date prepared 8/18/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 06' N	74° 58' W		75	15 mi NNE PO Phila.		Philadelphia (Byberry)	In residential area. Terrain rolling and agricultural.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, DT	U.	SIA*	Feb 1852 Dec 1863	Feb 1852 - Dec 1863 John Comly	Record discontinued
2nd						
3rd						
4th						
5th						
6th						

\* SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)

WB Form 530-1

XX  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Petersburg County Huntington State Pa. Index No. - Date prepared 3/18/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 24' N	78° 03' W		665	Unknown		Petersburg U.	
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, Mr, Mn, CBS	U.	PSW MRI*	Feb 1889 Jan 1891	Feb 1889 - Jan 1891 James Rooney	
2nd						
3rd						
4th						
5th						
6th						

\* PSW - Penna. State Weather Service, Monthly Summaries (1887 - 1895)  
\* MRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)

WB Form 530-1

XX  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Philadelphia (Centennial Avenue) County Phila. State Pa. Index No. - Date prepared 3/18/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 00' N	75° 11' W		120	Unknown		Philadelphia (Centennial Ave.)	
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, Mr, Mn, CBS	NWRC	CD, PSW MRI*, CWS§	Jan 1891 Apr 1916	Jan 1891 - Apr 1916 John Comly	
2nd						
3rd						
4th						
5th						
6th						

\* PSW - Penna. State Weather Service, Monthly Summaries (1887 - 1895)  
# MRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)  
§ CWS - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)

WB Form 530-1



XX  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.  
Station Philadelphia (Central High School) Philadelphia Pa. Index No. - Date prepared 3/27/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	39°57'59" N	75°10'30" W	56	Unknown			Philadelphia (Central High School U.	
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Observers and Dates	Remarks
		Original located	Where published		
(a)	(b)	(c)	(d)	(e)	(f)
1st	DT	U.	SIA*, SI **	July 1851 Dec 1881	July 1851 - Dec 1881 James Kirkpatrick
2nd					
3rd					
4th					
5th					
6th					

\* SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
\*\* SI - Smithsonian Institution (1850 - 1865)

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBPC, Chattanooga, Tenn.  
Station Philadelphia East Oak Lane Philadelphia Pennsylvania Index No. 36-6881-N Date prepared July 9, 1956

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 03'	75° 08'		224			Philadelphia	Equipment located at 6418 Park Ave. E. Oak Lane
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Observers and Dates	Remarks
		Original located	Where published		
(a)	(b)	(c)	(d)	(e)	(f)
1st	SRG *	WBAS, Phila. Pa.		4/1/56 -	4/1/56 - Joel Myers
2nd					
3rd					
4th					
5th					
6th					

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.  
Station Philadelphia (city) Philadelphia Pa. Index No. 36-6909-3 Date prepared 5/18/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	39 57	75 09		111			Philadelphia	On black top roof 166' above ground. Terrain flat.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Observers and Dates	Remarks
		Original located	Where published		
(a)	(b)	(c)	(d)	(e)	(f)
1st	RRG CRS, Mx, Mn, SRG	NWRC	CD, HPD	1/1/1955 to date	1/1/1955 - to date U.S. Navy Hydrographic Station formerly Philadelphia first order WB station
2nd					
3rd					
4th					
5th					
6th					

WB Form 530-1

XX  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.  
Station Philadelphia (Frankford Arsenal) Philadelphia Pa. Index No. - Date prepared 3/18/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40°00'26"	75°04'10"		45	Unknown		Philadelphia	
2nd	40°00'26"	75°04'10"		45	"	0	"	U.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Observers and Dates	Remarks
		Original located	Where published		
(a)	(b)	(c)	(d)	(e)	(f)
1st	SRG, DT	U.	SG*	Jan 1820 Dec 1843	Jan 1820 - Dec 1843 Commanding Officer
2nd	SRG, Mx, Mn, CRS	U.	SG CRS, WRI†	Jan 1889 Feb 1892	Jan 1889 - Feb 1892 Commanding Officer
3rd					
4th					
5th					
6th					

\* SG - Surgeon General (1819 - )  
† CMB - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)  
‡ WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.  
Station Philadelphia Drexel Institute of Technology Philadelphia Pa. Index No. 36-6879-3 Date prepared 5/17/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	39°57'11"	75°11'14"		30			Phila Drexel Inst. of Tech. bldg.	On roof of Engineering Bldg (one story) 0.5 mi W of Schuylkill River.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Observers and Dates	Remarks
		Original located	Where published		
(a)	(b)	(c)	(d)	(e)	(f)
1st	RRG CRS Mx Mn Tg SRG	NWRC	CD	6-1-48	6-1-48/ Francis K. Davis, Jr.
2nd					
3rd					
4th					
5th					
6th					

WB Form 530-1

WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.  
Station Philadelphia (Franklin Institute) Philadelphia Pa. Index No. 36-6884 Date prepared 1/8/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	39°57'30"	75°10'25"		104			Philadelphia	On flat slate tile roof (black) Franklin Inst. 6 ft above ground level.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record		Observers and Dates	Remarks
		Original located	Where published		
(a)	(b)	(c)	(d)	(e)	(f)
1st	Mx, Mn, CRS, SRG	NWRC	CD	Mar 1, 1942 Sept 30, 1951	Mar 1, 1942 - Sept 30, 1941 Franklin Institute Fragmentary record 1831 - 1841 published in SIA
2nd					
3rd					
4th					
5th					
6th					

WB Form 530-1

Y X  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Philadelphia County Philadelphia State Pa. Index No. - Date prepared 3/18/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40°	75° 06'		90	Unknown		116g, KN5086 Frankford U.	
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Original located	Where published	Date 1st and last observations	Observers and Dates	Remarks
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG, Mx, Mn, CRS	NWRC	CD WRI* CMB**	Apr 1904 Aug 1918	4/01-12/09 - 9/12-1/11 A.C. Davis - R.A. Johnson	- 2/11-4/17 - 1/17-11/17 - Justus Henry - John Hartz #
2nd						
3rd						
4th						
5th						
6th						

# 11/17-3/18  
\* William Morgan  
\* Water Resources Inventory - Penna. Water Supply Commission (one volume)  
\*\* Report of Chief of Weather Bureau (continuation of GSO) (1891 - 1930)

WB Form 530-1

Y X  
WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Philadelphia Navy Yard County Phila. State Pa. Index No. 36-6894-4 Date prepared 1/23/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	39° 53'	75° 10'		15	U		same	Over sod 90 ft S of riverbasin. Low flat terrain.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Original located	Where published	Date 1st and last observations	Observers and Dates	Remarks
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	Mx Mn CRS SRG	NWRC	CD WRI CWR	July 1, 1918 Dec 31, 1941	July 1, 1918 - Dec 31, 1941 Commandant Navy Yard	Broken record 1812-1858 published by SO & SI.
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

Y X  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Philadelphia County Philadelphia State Pa. Index No. - Date prepared 1/23/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 01'	75° 10'		150	Unknown		Philadelphia (Germantown) U.	
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Original located	Where published	Date 1st and last observations	Observers and Dates	Remarks
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	Mx, Mn, CRS, SRG	NWRC	CD CMB *	Jan 1896 Mar 1935 #	Jan 1896 - Mar 1935 Julius Bernstein	Broken records 1890 published by PWS, WRI, SIA **
2nd						
3rd						
4th						
5th						
6th						

\* CMB - Report of Chief of Weather Bureau (continuation of GSO) (1891 - 1930)  
# Missing record Apr 1916 - Feb 1925  
\*\* PSM - Penna. State Weather Service, Monthly Summaries (1887 - 1895)  
WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)  
SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)

WB Form 530-1

Y X  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Phila. Penna. Hospital County Philadelphia State Pa. Index No. - Date prepared 3/18/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	39° 56' 54"	75° 08' 45"		50	Unknown		Philadelphia Penna. Hosp. U.	
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Original located	Where published	Date 1st and last observations	Observers and Dates	Remarks
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG, DT	U.	WRI* SIA, SI §	Jan 1825 Dec 1888	1/1825-12/1828 - 1/1829-12/1830 - 1/1831-12/1870 - 1/1871-12/1888 Newberry Smith - Franklin Smith - John Conrad - Jacob Becker	18
2nd						
3rd						
4th						
5th						
6th						

\* WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)  
# SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
§ SI - Smithsonian Institution (1850 - 1865)

WB Form 530-1

Y X  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Phila Naval Hospital County Philadelphia State Pa. Index No. - Date prepared 3/18/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	39° 56'	75° 10'		36	Unknown		Philadelphia Naval Hospital U.	
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Original located	Where published	Date 1st and last observations	Observers and Dates	Remarks
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	U.	SI *	Jan 1857 Sept 1873	Jan 1857 - Sept 1873 Commanding Officer	
2nd						
3rd						
4th						
5th						
6th						

\* SI - Smithsonian Institution (1850 - 1865)

WB Form 530-1

Y X  
WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Philadelphia Point Breeze County Philadelphia State Pa. Index No. 36-6899-3 Date prepared 5/17/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	39° 55' 10"	75° 12' 03"		32	0.5 mile East P.O. Point Breeze, Pa.		Philadelphia Roof exposure. No obstructions near Point Breeze Level country on E bank of Schuylkill River	
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Original located	Where published	Date 1st and last observations	Observers and Dates	Remarks
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	RRNG, Mx, Mn, CRS Wind Vane, Triple Repts.	NWRC	*CMB, HB CD, HPD	9/1/2h To date	Sep. 1, 192h - to date Atlantic Refining Co.	(Employee do the observing)
2nd						
3rd						
4th						
5th						
6th						

\*CMB Report of Chief of Weather Bureau (continuation of GSO) (1891 - 1930)

WB Form 530-1



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WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE

SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Philadelphia Shawmont County Philadelphia State Pa. Index No. 36-6904-3 Date prepared: 6/20/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks.

# DT until 1/1/17 WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume) CWB - Report of Chief of Weather Bureau (continuation of 630) (1891-1930)

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE

SUBSTATION HISTORY

Office preparing form: Central Office

Station: Pikes Creek County Luzerne State Pa. Index No. 36-6939-1 Date prepared: February 28, 1958

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks.

# DT until 1/1/17 WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume) CWB - Report of Chief of Weather Bureau (continuation of 630) (1891-1930)

XX

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE

SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Philipsburg County Centre State Pa. Index No. - Date prepared: 5/25/54

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks.

# DT until 1/1/17 WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume) CWB - Report of Chief of Weather Bureau (continuation of 630) (1891-1930)

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE

SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Pimple Hill County Monroe State Pa. Index No. 36-6944-1 Date prepared: 5/17/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks.

# DT until 1/1/17 WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume) CWB - Report of Chief of Weather Bureau (continuation of 630) (1891-1930)

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE

SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Phoenixville 1 E County Chester State Pa. Index No. 36-6927-3 Date prepared: 5/17/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks.

# Penna. Secretary of Internal Affairs (tabulations to 1887, Summaries to 1895). # Report of Chief of Weather Bureau (continuation of 630) (1891 - 1930). # Water Resources Inventory - Penna. Water Supply Commission (one volume). # Penna. State Weather Service, Monthly Summaries (1887 - 1895).

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE

SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Pine Grove 1 NE County Schuylkill State Pa. Index No. 36-6954-2 Date prepared: 5/17/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates let and last observations, Observers and Dates, Remarks.

# DT until 1/1/17 WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume) CWB - Report of Chief of Weather Bureau (continuation of 630) (1891-1930)

Station: **Pine Grove Mills 1 S** County: **Hondington** State: **Pa.** Index No. **36-6962** Date prepared: **1/23/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	40° 43' 03"	77° 53' 33"		2060	1 mi S		<b>Pine Grove Mills 1S</b>	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	RRG	NWRC	CD, HD*	Jul 21, 1921 Jan 21, 1929	Penn State College	Station also known as Shaver Creek #.
2nd						
3rd						
4th						
5th						
6th						

\* HB - Hydrologic Bulletin (1939 - 1948) WB Form 530-1

Station: **Pittsburgh Allegheny Arsenal** County: **Allegheny** State: **Pa.** Index No. --- Date prepared: **3/18/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	40° 28' 03"	79° 57' 43"		700	D.4 mile NE of F.O. Pgh. 1, Pa.		<b>Pittsburgh Allegheny Arsenal</b>	Excellent, rolling ground. Rear of old fort.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, DT, Mr, Mr, CRS	U.	SI, SG#	Jan. 1825 Feb. 1892	Jan. 1825 - Feb. 1892 Commanding Officer	Record fragmentary
2nd						
3rd						
4th						
5th						
6th						

\* Smithsonian Institution (1850 - 1865)  
 # Surgeon General (1819 - ) WB Form 530-1

Station: **Pittsburgh** County: **Allegheny** State: **Pa.** Index No. --- Date prepared: **3/21/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	40° 35' 30"	80° 12'		730	U.		<b>Pittsburgh</b>	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, DT	U.	SI*	Apr. 1849 Dec. 1854	Apr. 1849 - Dec. 1854 S. T. Simpson	
2nd						
3rd						
4th						
5th						
6th						

\* Smithsonian Institution (1850 - 1865) WB Form 530-1

Station: **Pittsburgh Oakland Station** County: **Allegheny** State: **Pa.** Index No. --- Date prepared: **3/18/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	40° 26' 24"	79° 57' 45"		1026	1.0 mile W of P.O. Pgh. 13, Pa.		<b>Pittsburgh Oakland Sta.</b>	On rolling ground. Site of present Mr. Henry Academy.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, DT	U.	SI, SI*	Jan. 1849 Dec. 1859	Jan. 1849 - W. W. Wilson Dec. 1859	Record fragmentary
2nd						
3rd						
4th						
5th						
6th						

Penna. Secretary of Internal Affairs (Tabulations to 1837, Summaries to 1855)  
 \* Smithsonian Institution (1850 - 1865) WB Form 530-1

Station: **Pittsburgh** County: **Allegheny** State: **Pa.** Index No. --- Date prepared: **3/21/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	40° 30' 18"	80° 05'		840	U.		<b>Pittsburgh</b>	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, DT	U.	SI*	Oct. 1862 Dec. 1862	Oct. 1862 - Dec. 1862 Rudolph Mueller	
2nd						
3rd						
4th						
5th						
6th						

\* Smithsonian Institution (1850 - 1865) WB Form 530-1

Station: **Pittsburgh U.S. Marine Hospital** County: **Allegheny** State: **Pa.** Index No. --- Date prepared: **3/21/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	40° 32' 30"	80° 02'		800	U.		<b>Pittsburgh U.S. Marine Hosp.</b>	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, DT	U.	SI*, SIA#	Mar. 1849 Jan. 1861	March 1849 - Jan. 1861 Commanding Officer	
2nd						
3rd						
4th						
5th						
6th						

\* Smithsonian Institution (1850 - 1865)  
 # Penna. Secretary of Internal Affairs (Tabulations to 1837, Summaries to 1855) WB Form 530-1



UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WAS, Harrisburg, Pa.

Station Plainfield (near) County Cumberland State Pa. Index No. --- Date prepared 3/13/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40° 10' 77" 10', 500, U., Plainfield (near), Terrain hilly and agricultural.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG, DT, U., SIA, WRI, Mar. 1875, May 1872 - Mar. 1875, Jacob Lefever.

\* Smithsonian Institution (1850 - 1856)  
# Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
& Water Resources Inventory - Penna. Water Supply Commission (one volume)

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WAS, Harrisburg, Pa.

Station Pocono Pines County Monroe State Pa. Index No. --- Date prepared January 15, 1958

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 41° 06' 30" 75° 27' 16", 1795, Unknown, Pocono Pines, On gentle slope with lake 0.1 mi NW.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG, U., SIA, WRI, Nov 1913, Aug 1914, Nov 1913 - Aug 1914, Observer unknown.

\* SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
# WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)  
& CMB - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WAS, Harrisburg, Pa.

Station Pleasant Mount 1 W County Wayne State Pa. Index No. 36-7029-1 Date prepared 5/23/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 41° 44' 75" 27", U, N K N O W N, Pleasant Mount, Unknown.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG, DT, NWRC, CW, WRI, 12-1889, 2-1889, 12-1892, John D. Breiman, Many months of record incomplete.

\* Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930). # Water Resources Inventory - Pa. Water Supply Commission (one volume). % SRG established by Pa. W.S.C. (1913 - 1914) & 10-1-24, relocated (date unknown) several times within 400 ft. radius & 10' diff. elevation. Present site & probably longest record at 41-44-21, 75-26-51, 1800' a.s.l. SRG estab. by Pa. Dept. F & W (SIFPS) at 41-44-18, 75-26-50, 1790' a.s.l. 8/26/37. Relocated 400' W alongside CRG 5/13/54. CRG estab. 12/1/51 at 41-44-22, 75-26-48, 1800' a.s.l. with 1st obs. 5-11/26/51. # F. K. Riedel 5-1-35/5-31-39; J. L. Zettle 6-1-39/12-31-39; Merrill Liddle 1-1-40/10-30-44; Rexford G. Thomas 11-1-44/

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WAS, Harrisburg, Pa.

Station Pococason County Chester State Pa. Index No. --- Date prepared 3/19/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 39° 54' 79" 43", 210, U., Pococason, U.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG, DT, U., WRI, SIA, Jan. 1853, Dec. 1873, Jan. 1853 - Dec. 1873, Fenelore Darlington.

\* Water Resources Inventory - Penna. Water Supply Commission (one volume)  
# Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WAS, Harrisburg, Pa.

Station Plymouth Meeting County Montgomery State Pa. Index No. --- Date prepared 3/19/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40° 06' 77" 16", 150, U., Plymouth Meeting, U.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG, DT, U., WRI, SIA, Feb. 1868, May 1872, Feb. 1868 - May 1872, M. H. Carson.

\* Water Resources Inventory - Penna. Water Supply Commission (one volume)  
# Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WAS, Harrisburg, Pa.

Station Point Pleasant County Bucks State Pa. Index No. --- Date prepared January 15, 1958

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40° 25' 30" 75° 04", 300, Unknown, Point Pleasant, On east slope with 200 ft higher elevations to west.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG, U., U., Jan 1889, Dec 1913, Jan 1889 - Dec 1898, A. F. Stoner, Jan 1901 - Dec 1913, Wm H. Young.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBO, Pittsburg, Pa. Station: Point Marion Lock 8, County: Greene, State: Pa., Index No: 36-7073, Date prepared: 4/30/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for Point Marion Lock 8.

Table with columns: (Cont), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes records for SRG, MRIG, and other instruments.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: CO, Washington, D.C. Station: Port Clinton, County: Schuylkill, State: Pa., Index No: 36-7116-2, Date prepared: 2/27/58

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for Port Clinton.

Table with columns: (Cont), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes records for WRI, CWB, and other instruments.

Early record beginning Sept 1890 to Mar 31, 1904, records published in WRI, CWB, BM. No other information available. Observers and dates for this period: Wm. Shippe 9/1890-2/1899; Jacob Wunch 3/1/99-4/30/02; Chas Hummel 8/1/02-3/31/1904. ... WRI located 0.2 mi S of other instruments.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa. Station: Port Allegheny, County: McKean, State: Pa., Index No: 36-7103, Date prepared: 1/9/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for Port Allegheny.

Table with columns: (Cont), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes records for SRG, MRIG, and other instruments.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa. Station: Portland, County: Northampton, State: Pa., Index No: 36-7127-2, Date prepared: 5/22/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for Portland.

Table with columns: (Cont), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes records for SRG, MRIG, and other instruments.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: Central Office. Station: Port Allegheny 3 SW, County: McKean, State: Pa., Index No: 36-7108, Date prepared: 2/28/58

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for Port Allegheny 3 SW.

Table with columns: (Cont), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes records for SRG, MRIG, and other instruments.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa. Station: Pottstown, County: Montgomery, State: Pa., Index No: 36-7140-3, Date prepared: 6/18/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes data for Pottstown.

Table with columns: (Cont), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes records for SRG, MRIG, and other instruments.

WRCM Report of Chief of Weather Bureau (continuation of CSO) (1891-1930) #Other Observers: FW Pa. State Weather Serv., Monthly Summaries (1887-1895) L.F. Christman dates unknown; WRI Wtr. Resources Inventory - Pa. Water Supply Commission (one vol.) J.W. Boyle; STA Pa. Sec. of Internal Affairs (Tabulations to 1895) Howard Sawyer; W.P. Achats; W.P. Christman; Miles L. Smith 6/24/47 - to date.

WB Form 530-1



UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Pottsville County: Schuylkill State: Pa. Index No. --- Date prepared: 3/19/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation meters	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 41' 76"	76° 12'		638	U.		Pottsville	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	U.	Jan. 1914 - Apr. 1946	Jan. 1914 - Apr. 1949 Clifford Diechman	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Primos County: Delaware State: Pa. Index No. --- Date prepared: January 15, 1958

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation meters	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	39° 55' 23"	75° 17' 56"		135	Unknown		Primos	In residential area 4.5 mi N of Delaware River.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	Tg	U.	U.	Date U. Dec 31, 1911	Date U. - Dec 31, 1911 Anthracite Industries Lab.	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Pottsville County: Schuylkill State: Penna. Index No. 36-7156 Date prepared: 1/9/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation meters	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 41' 76"	76° 12'		630	U.		Pottsville	U.
2nd	40° 41' 76"	76° 12'		700	U.		Pottsville	12 ft. from house on 6 ft. post. Terrain mtous rises 700'S of station.
3rd	40° 41' 45"	76° 12' 24"		620	U.		Pottsville	On roof of warehouse 21 ft. above ground.
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	DT SRG	U.	STA. WRAS	Jan. 1839 - 1/39 - 12/55-1/57 - 7/58	A. Heger - Denial Washburn Record fragmentary	
2nd	SRG	NWRC	CD, B, F, W	Jan. 1893 - 1/83-12/32	John Strouck	
3rd	SRG	NWRC	CD, HD	May 1923 - 5/23 - 4/49	Apr. 1949 Pottsville Water Co.	
4th						
5th						
6th						

WB Form 530-1

\* Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
# Water Resources Inventory - Penna. Water Supply Commission (one volume) } Hydrologic Bulletin (1939 - 1948)  
\$ U.S.C. Climatological Data Summaries, BULLETIN U - Summaries to 1930.  
& Report of Chief of Weather Bureau (continuation of CSD) (1891 - 1930)  
& Penna. State Weather Service, Monthly Summaries (1837 - 1895)

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Promised Land County: Pike State: Pa. Index No. --- Date prepared: 3/10/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation meters	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41° 18' 30"	75° 32' 20"		1750	5.5 mi. ESE of PO at Greenstown		Promised Land	Unknown
2nd	41° 18' 32"	75° 32' 30"		1500	2.3 mi. ESE of P.O. at Greenstown		Promised Land	In open area on plateau 0.3 mi. from small pond. Terrain rolling.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	unknown	WRT &	Oct 1913 - Dec 1920	Oct 1913 - Dec 1920 Water Supply Commission	
2nd	SRG	1870	unknown	May 1926 - Dec 1927	May 1926 - Dec 1927 Pa. Power & Light Co.	
3rd						
4th						
5th						
6th						

WB Form 530-1

&WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Pottsville Pale Alto Bridge County: Schuylkill State: Pa. Index No. 36-7161-2 Date prepared: 5/22/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation meters	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 41' 02"	76° 11' 12"		640	0.5 mi SE P.O. Pottsville, Pa.		Pottsville	Gage on fence post in obs. rd. with top 6' above grd. about 100' S of Schuyl-also also Kill Rvr & 3 mi W of 1100 mts. Bridge Immediate area is urban & hilly.
2nd	40° 42'	76° 11'		690	3/8 mile NE PO Pottsville		Pottsville	floor location
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG NR1G	NWRC	CD	11-20-40 - 8/31/56	11-20-40 / 8/31/56 John W. Smith	
2nd	SRG NR1G	NWRC	CD	9/1/56 -	Lloyd E. Waller	
3rd						
4th						
5th						
6th						

WB Form 530-1

Wire-wright river gage located about 100 ft. southeast of Location #1 at elevation 599.28.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WRAS, Harrisburg, Pa.

Station: Pulaski County: Lancaster State: Pa. Index No. --- Date prepared: 3/19/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation meters	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41° 07'	80° 26'		unk	unknown		Pulaski	unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	unknown	unknown	Nov 25, 1916 - Oct 5, 1917	Nov 1916 - Oct 1917 W. D. Woodhart	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 27' 52" N	77° 30' 23" W		2103	0.0 mi. SW of P. O. at Cedar Run		Pump Station (Tower)	On top of mountain. Terrain rugged and wooded.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	HB	Oct. 22 1916 Feb. 1 1953	Oct 1916-Feb 1913 Harry Walsh	
2nd						
3rd						
4th						
5th						
6th						

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 56' 35" N	78° 58' 25" W		1236	0.2 mi SW		Pump Station	Ovr sod; immediate area level and thinly wooded; surrounding hilly and wooded.
2nd	40° 56' 16" N	78° 58' 18" W		1236	0.5 mi S		Pump Station	Dvr sod; immediate area hilly & thinly wooded; surrounding hilly & wooded.
3rd	40° 57' 05" N	78° 59' 55" W		1375	1.5 mi NW		Pump Station	Dvr sod; immediate area hilly & wooded; surrounding terrain hilly & wooded.
4th	40° 56' 22" N	78° 57' 44" W		1390	0.7 mi ESE		Pump Station	Dvr sod on level grd at obs res; terrain very hilly & heavily wooded.
5th	40° 56' 16" N	78° 58' 18" W		1236	0.5 mi S		Pump Station	Elac Substn Plat; terrain hilly & wooded
6th	40° 56' 31" N	78° 58' 25" W		1220	0.3 mi SSW		Pump Station	Ovr sod on level ground at Gulf Plant; terrain hilly and wooded.

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG Mx Mn CRS	NWRC	WB# CWB# CD	7-1913 5-1-1916 3-1-1916	7-1913/5-1915 Samuel W. Rosenthal (Jefferson Electric Co.) 5-1-16/3-1-20	
2nd	SRG Mx Mn CRS	NWRC	CWB# CD	3-31-1920	Fred Warren	
3rd	SRG	NWRC	CD	11-1-20 11-30-24	11-1-29/11-30-24 Mr. J. R. Connor	
4th	SRG RRIG	NWRC	HB CD	7-1-36 12-15-44	7-1-36/12-15-44 James E. Thomas	Rainfall observations 7-1-36/6-15-41 Rvr & Rainfall * 6-15-41/12-15-44
5th	SRG	NWRC	HB CD	12-15-44	12-15-44/12-15-44 Mr. F. W. Tibbott	Cared for the RRIG only.
6th	SRG RRIG RRIG	NWRC	HB CD	12-15-44 9-30-46	12-15-44/9-30-46 Harrison W. Finnscoff	Obs. also cared for RRIG at site #5, 0.3 mi S of Rvr-Rainfall Station.

\* River gage located near Indiana Street Bridge 0.5 mi NW of his residence.  
# Meteor Resources Inventory - Pa. Water Supply Commission (one volume)  
% Report of Chief of Weather Bureau (continuation of GSO) (1891 - 1930)

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 56' 10" N	78° 59' 52" W		1298	1.5 mi W		Pump Station	Ovr sod at obs home on N slope of hill terrain hilly and wooded.
2nd	40° 56' 58" N	78° 58' 17" W		1320	0.1 mi NE		Pump Station	Ovr sod at obs home on N slope of hill terrain hilly and wooded.
3rd	40° 56' 10" N	78° 59' 52" W		1298	1.5 mi W		Pump Station	Ovr sod at obs home on N slope of hill; terrain hilly and wooded.
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG RRIG RRIG	NWRC	HB CD	10-1-46 9-5-50	10-1-46/9-5-50 John Volansky	
2nd	SRG RRIG RRIG	NWRC	CD	9-5-50	9-5-50/4-25-51 Walker G. Mease	
3rd	RRIG	NWRC	CD HPD	4-25-51	4-25-51/ John Volansky	
4th						
5th						
6th						

\* RRIG located 1.4 mi downstream from Margiotti Bridge on right bank and is 3.0 mi W of post office.

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 56' 56" N	78° 58' 58" W		1360	0.5 mi N		Pump Station 2	In valley 40 ft. N of Mahoning Creek. Hills 30 ft. high & partially wooded.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	RRIG	NWRC	CD	Oct 11, 1937 Sep 30, 1946	Oct 1937 - Sept 1946 Pa. Electric Co.	
2nd						
3rd						
4th						
5th						
6th						

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 55' 29" N	79° 16' 45" W		1270	2.3 miles SE		Mahoning Dam	Ovr sod.
2nd	40° 55' 29" N	79° 16' 45" W		1270	2.2 mi SE	500 ft.	Pump Station 2 SE Dam	Ovr sod on level ground.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	RRIG SRG	NWRC	CD	Jan 1942 4-20-42	U. S. Corps of Engrs.	
2nd	RRIG SRG CRS Mx Mn	NWRC	CD HPD	4-21-42	U. S. Corps of Engrs.	CRS Mx Mn added 7/21/43
3rd						
4th						
5th						
6th						

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 26' 75" N	75° 21" W		536	Unknown		Quakertown	Ovr sod; exposure good near center of a plateau.
2nd	40° 27' 75" N	75° 20" W		496	Unknown		Quakertown	On ground, 50' from house or trees, top of gage 3 ft above ground.
3rd	40° 26' 75" N	75° 20" W		U N K N O W N			Quakertown	Unknown
4th	40° 26' 120" N	75° 19' 13" W		480	0.5 mi SE		Quakertown	Ovr sod; terrain is flat all directions.
5th	40° 26' 124" N	75° 19' 13" W		490	0.7 mi E		Quakertown 1 E	Ovr sod in observer's yard; terrain gently rolling.
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG CRS Mx Mn	NWRC	WB# CWB# SW	1-1-1872 4-30-1905	1-1-1872/4-30-1905 J. L. Hancock	CRS, Mx, Mn, added in 1875.
2nd	SRG CRS Mx Mn	NWRC	WB# CWB# SW	4-7-1914 1-30-1917	4-7-1914/5-30-1917 Gottlieb Frey	CRS, Mx, Mn, added Jan. 1917.
3rd	SRG CRS Mx Mn	NWRC	WB# SW	4-1-1917	4-1-1917/11-30-1918 Chas. W. Shinn	
4th	SRG CRS Mx Mn	NWRC	WB# HB CD	11-30-1918 12-1-1918	12-1-1918/6-22-1954 John E. Bense	
5th	SRG CRS Mx Mn	NWRC	CD	6-23-1954	6-23-54/ Donna E. Fluck	
6th						

\* EQ - USDA, Wea. Bur. BULLETIN "Q" - Climatology of the United States (Pages 212-229)  
SIA - Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
PSW - Pa. State Weather Service, Monthly Summaries (1887 - 1895)  
WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
CWB - Report of Chief of Weather Bureau (continuation of GSO) (1891 - 1930)



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WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WAS, Harrisburg, Pa.  
Station: Cheshoning County: Somerset State: Pa. Index No.      Date prepared: 3/19/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40 30 57 76 56 30, 1620, Unknown, Cheshoning, Unknown.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG, Dec 1936, Dec 1937, Dec 1936 - Feb 1937, Johnstown Water Co., Near Woodstown Church.

WB Form 530-1

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WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WAS, Harrisburg, Pa.  
Station: Randolph County: Crawford State: Pa. Index No.      Date prepared: 3/19/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 41 28 40 10, 1720, Unknown, Randolph, Unknown.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG DT, Aug 1951, Feb 1956, Aug 1951 - Feb 1956, O. T. Hobbs.

WB Form 530-1

SGI - Smithsonian Institution (1019- )  
SIA - Pa. Secretary of Internal Affairs (tabulations to 1937, Summaries to 1955)  
WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)

XX  
WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WAS, Harrisburg, Pa.  
Station: Raccoon Creek Park County: Beaver State: Pa. Index No.      Date prepared: January 8, 1958

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40 30 07 80 25 11, 1040, Unknown, Raccoon Creek Park, In narrow NW-SE, valley of State Park. Terrain wooded & rugged.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG, DT, A, U., U., Jan 1938 - Dec 1946, Dec 1946, Jan 1938 - Dec 1946, U. S. Dept of Interior.

WB Form 530-1

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WAS, Harrisburg, Pa.  
Station: Russelas County: Mc Kean State: Pennsylvania Index No. 36 - 7285-N Date prepared: 3/26/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 41 38 57 78 34 05, 2100, 5.0 mi SW Clermont, P. O., Russelas, Exposure good, on rolling ground rear of observer's home.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG, RRnG, U, U, Nov. 1927, Nov. 1947 - Mabel Nearing.

WB Form 530-1

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WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WAS, Harrisburg, Pa.  
Station: Balaton County: Ironing State: Pa. Index No. 36-2272 Date prepared: 3/19/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 41 30 25 76 57 20, 850, 200 ft. SW, Balaton, Over road near gas station, terrain hilly and wooded.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG, Jan 27, 1949, 1/27/49-3/31/49, 4/15/49-5/12/49, Henry Homer Bonomo House.

WB Form 530-1

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WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WAS, Harrisburg, Pa.  
Station: Battlesnake Tower County: Centre State: Pa. Index No.      Date prepared: 3/19/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40 58 58 75 00 35, 2120, Unknown, Battlesnake Tower, Unknown.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG, Oct 1, 1910, Oct 1910 - Nov 1912, Nov 6, 1912, Ernest B. Hallock.

WB Form 530-1

**SUBSTATION HISTORY**

Office preparing form **WNAS, Harrisburg, Pa.**

Station **Raymond** County **Potter** State **Pa.** Index No. **36-7130-0** Date prepared **5/25/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41°51'40"	77°51'45"		2220	10.3 mi NE P.O. Condoraport, Pa.		Raymond	On ground at headwater of Genesee River, 0.4 mi E. of Allegheny Divide. Soil hilly, wooded in patches; surrounding terrain mountainous & heavily wooded.
2nd	41°51'33"	77°51'53"		2220	10.1 mi NE P.O. Condoraport, Pa.	SW	Raymond	
3rd	41°51'10"	77°52'45"		2220	9.1 mi NE P.O. Condoraport, Pa.	SW	Raymond	Same as location #2.
4th	41°51'33"	77°51'53"		2220	10.1 mi NE P.O. Condoraport, Pa.	NE	Raymond	Same as location #2.

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	RRNG	NWRC	HB	9-20-37 4-12-43	9-20-37/5-31-40 George S. Cornable	5-1-40/8-31-41 9-1-41/4-12-43 Mrs. W.E. Cornable Mrs. K. E. Cornable
2nd	RRNG	NWRC	HB CD	4-13-43	Arthur Langan	
3rd	RRNG	NWRC	CD	2-8-50	Arthur Langan	
4th	RRNG SRG	NWRC	CD HPD	2-8-50 5-11-50	Arthur Langan	SRG estab. 2-3-54; RRNG relocated 150' NE of prev. location 5-3-55.
5th				5-11-50	Arthur Langan	
6th				4/18/56	Mrs. Rachel Langan	

Pa. Dept. F. & W. Recorder established by F-3773.  
Rainfall (River) Services authorized by G.O. Letter 7-23-53, O-6.14.

**SUBSTATION HISTORY**

Office preparing form **WNAS, Harrisburg, Pa.**

Station **Renovo** County **Clinton** State **Pa.** Index No. **36-7409-7** Date prepared **5/24/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41°19'32"	77°45'31"		660	Unknown		Renovo	Rough mountainous terrain; located at 211 Champlain St.

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG NRIG RRIG	NWRC	CD DRS	12-8-33		12-8-33/ Mrs. Caroline W. Baird

\* MRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
CWB - Report of Chief of Weather Bureau (continuation of CBO) (1891 - 1930)

**SUBSTATION HISTORY**

Office preparing form **WNAS, Harrisburg, Pa.**

Station **Reedsville** County **Jefferson** State **Pa.** Index No. **36-7130-7** Date prepared **3/20/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	77 31	10 10		502	Unknown		Reedsville	Unknown

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	CD WHITE CDS	Oct 1899 Aug 1899	Oct 1899 - Aug 1899 H. K. McDonald	

\*MRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
CWB - Report of Chief of Weather Bureau (continuation of CBO) (1891 - 1930)

**SUBSTATION HISTORY**

Office preparing form **WNAS, Harrisburg, Pa.**

Station **Renovo 5 S State Camp** County **Clinton** State **Pa.** Index No. **36-7130-7** Date prepared **5/23/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41°11'24"	77°46'20"		2035	5.3 mi. S PO Renovo		Renovo 5 S State Camp	Ovr sod. Terrain hilly all directions.

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	RRNG	NWRC	CD HB HPD	Aug. 21, 1937	8/21/37-July 1939/8/1939-8/1942 Mery Whitmoyer / Thomas W. Rissman, Mr. C. F. Billette	

**SUBSTATION HISTORY**

Office preparing form **WNAS, Harrisburg, Pa.**

Station **Renovo** County **Clinton** State **Pa.** Index No. **36-7409-7** Date prepared **5/24/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	UNKNOWN			672	Unknown		Renovo	Unknown Located adjacent to Pa. R. R. Freight Sta.; no other information available.
2nd	UNKNOWN			672	Unknown		Renovo	Located at obs. house; no other information available.
3rd	UNKNOWN			UNKNOWN	UNKNOWN		Renovo	Information available.
4th	41°19'32"	77°45'31"		660	Unknown		Renovo	Rough mountainous terrain; located at 211 Champlain St.
5th	41°19'30"	77°45'23"		660	Unknown		Renovo	Rough mountainous terrain; located at 353 Champlain St.
6th	41°19'30"	77°45'22"		660	0.25 mi W		Renovo	Rough mountainous terrain; located at 367 Champlain St.

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG DT NRIG	NWRC	BW DRS	8-1-1906 5-31-1904	8-1-1906/5-31-1904 Fred C. Ryster	
2nd	SRG NRIG	NWRC	BW CD DRS	9-1-1905	9-1-1905/4-28-1914 Herbert L. Baird	
3rd	SRG NRIG	NWRC	BW DRS	4-28-1914	4-28-1914/9-30-1916 Herbert L. Baird	
4th	SRG NRIG RRIG	NWRC	BW HB CDS	9-30-1916	10-1-1916/8-31-1938 J. Swales Baird	9-1-1938/6-5-1943 Caroline Baird
5th	SRG NRIG RRIG	NWRC	CD DRS	6-5-1943	6-5-1943/Sept. 1949 Mrs. Caroline W. Baird	
6th	SRG NRIG RRIG	NWRC	CD DRS	Sept. 1949	Sept. 1949/12-7-1953 Mrs. Caroline W. Baird	

# Chain gage (NRIG) record from July 1, 1895 through Dec. 1, 1903. NRIG records begin again Oct. 1, 1905. A wire-weight gage replaced chain gage at an unknown date. NRIG was installed March 18, 1930. Both river gages are owned and serviced by USGS; and are located at latitude 41°19'30", longitude 77°45'05", datum 634.19 ft. msl. The river gages have been at this site since beginning of record.

**SUBSTATION HISTORY**

Office preparing form **WNAS, Harrisburg, Pa.**

Station **Retreat 1 SW** County **Juniata** State **Pa.** Index No. **36-2117** Date prepared **1/9/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41 11 55	76 06 15		570	1.3 miles SW		Retreat 1 SW	Over sod near observer's residence, Retreat 1 SW, 1000 ft N of Susquehanna River, in narrow SW-NE valley.

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	1x 1x CDS SRG	NWRC	CD HB	May 1, 1933	May 1933 - Sep 1953 Theo. Y. Sampson	was coop obs in Willmar, Minn. Apr period 1916-Aug-24-1920



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBO, Pittsburgh, Pa.

Station Raw County McKean State Pa. Index No. 36-7425-0 Date prepared 4/30/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes record for SRG NWRC CD on 10-1-47.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WDAS, Harrisburg, Pa.

Station Ridgway 3 W County Elk State Pa. Index No. 36-7477-0 Date prepared 5/24/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes records for SRG CRG MR Mn NWRC MRI CMB BW CD and SRG CRG MR Mn NWRC CMB BW CD.

All equipment lost in flood Mar. 20, 1936 and 7/18/42. # RRG established Oct. 21, 1937 about 300' E of SRG and then moved to another station 5/19/54. # MRI - Water Resources Inventory - Pa. Water Supply Commission (one volume) CMB - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930) Previous temp & precip record for Sept. 1887 through Sept. 1899 by Joe Messinger, elevation 1400; no other information available.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBO, Pittsburgh, Pa.

Station Rices Landing Look 6 County Greene State Pa. Index No. 36-7443-0 Date prepared 4/30/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes record for RR10 RR14 SRG NWRC CD on 6-1-43.

Station established 1929. # RR10 installed Weather Bureau River & Rainfall Station 4/1/43.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WDAS, Harrisburg, Pa.

Station Richmond (T-2) County Adams State Pa. Index No. - Date prepared 1/23/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes record for 3" rain gauge on Feb 10, 1937.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WDAS, Harrisburg, Pa.

Station Rimerton, Lock 9 County Armstrong State Pa. Index No. 36-7491 Date prepared 6/20/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes record for SRG RR10 RR14 on Jan. 1939.

\*locks about 20 feet from water.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WMS, Harrisburg, Pa.

Station: Rochester 1 N County: Beaver State: Pa. Index No: 36-7540-9 Date prepared: 5/25/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th observations.

# Station was known as "Rochester (nr)" for a short period. # hilly and wooded. Previous temperature and precipitation record by Hon. Hartford P. Brown, Jr., elevation 821 from April 1888 through June 1888...

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WMS, Harrisburg, Pa.

Station: Rushville County: Susquehanna State: Pa. Index No: 36-7727-6 Date prepared: 5/25/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th observations.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WMS, Harrisburg, Pa.

Station: Rose Cottage County: Warren State: Pa. Index No: - Date prepared: 3/27/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th observations.

#RI - Water Resources Inventory - Pa. Water Supply Commission (one volume) #STA - Pa. Secretary of Internal Affairs (Tabulations to 1907, Summaries to 1895)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WMS, Harrisburg, Pa.

Station: Sacramento 3 W County: Schuylkill State: Pa. Index No: 36-7730 Date prepared: 3/20/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th observations.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WMS, Harrisburg, Pa.

Station: Rush County: Susquehanna State: Pa. Index No: 36-7694-6 Date prepared: 5/25/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th observations.

\* 20% wooded. # 5/11/55 the Post Office at Rush was closed. The new Post Office is located at Montrose. The direction and distance from the Post Office at Montrose is unknown. & From 2-2-37/11-9-44 - - - SRG installed 11-9-44.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WMS, Harrisburg, Pa.

Station: Sadsburyville County: Chester State: Pa. Index No: - Date prepared: 3/20/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th observations.

#CND - Report of Chief of Weather Bureau (continuation of CSO) (1891-1930) #RII - Water Resources Inventory - Pa. Water Supply Commission (one volume)



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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WAS, Harrisburg, Pa.

Station Sagarstown County Crawford State Pa. Index No.      Date prepared 3/20/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41 43	80 07		1116	unknown		Sagarstown	Over sod in valley with hills 200 Ft. high on E and W 0.5 mi. distant
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SGO 1st in CBS	NRWC	EW CD FSN# 3716029	Dec 1891 - July 1928	12/1891 - 7/1926 T.C. Apple	10/26/52 5/27-28 G.J. Apple Arthur Schlabach
2nd						
3rd						
4th						
5th						
6th						

NRWC - Pa. State Weather Service, Monthly Summaries (1887-1895)  
 \*MRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
 \*RCD - Report of Chief of Weather Bureau (continuation of GSO) (1891-1930)

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WAS, Harrisburg, Pa.

Station St. Marys County Blk State Pa. Index No.      Date prepared 3/20/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41 25	78 35		1770	Unknown		St. Marys	
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SGO 1st in CBS	NRWC	NRWC, GMS# 3716029	June 1896 - May 1910	June 1896 - May 1910	Louis Hötman
2nd						
3rd						
4th						
5th						
6th						

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WAS, Harrisburg, Pa.

Station Safe Harbor County Lancaster State Pa. Index No. 36-7732-4 Date prepared 5/28/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	39°55'28"	76°23'28"		270	2.75 mi SW P.O. Conestoga, Pa.		Safe Harbor	Over sod in NW-SE River Valley which becomes N-S short distance downstream
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	1st in CBS # Tipping Bucket RRD	NRWC	RD CD RRD	12-1-32	12-1-32/ Safe Harbor Water Power Corp. (Employees) #	
2nd						
3rd						
4th						
5th						
6th						

\*Sharp upelose from river on both banks. Hilly terrain.  
 #All instruments are company owned. Tipping bucket recording rain gage record began July 21, 1950.  
 Until January 1, 1952 observer was listed as Safe Harbor Water and Power Corp.  
 Precipitation record was furnished to Lancaster office of Soil Conservation Service from 1938 to 1948.

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WAS, Harrisburg, Pa.

Station St. Peters County Shannon State Pa. Index No.      Date prepared 3/20/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40 10 50	75 43 55		1140	Unknown		St. Peters	In broad shallow valley oriented NW-SE. Terrain rolling and agricultural
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SGO	NRWC	WCOE	Jan 25, 1930	Samuel L. Bean	
2nd				Dec 31, 1938	Jan 25, 1930-Dec. 31, 1932	
3rd						
4th						
5th						
6th						

\*GSO - Reports of Pa. Water Supply Commission (1915-1920)

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WEO, Pittsburgh, Pa.

Station Sagamore 1 S County Indiana State Pa. Index No. 35-7739-9 Date prepared 1/27/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40°45'50"	79°23'43"		1320	1.3 mi. S		Sagamore 1 S	Exposure excellent, gage located in open area in rear of obs. home.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SGO	NRWC	GD	9/21/10 to date	(Ada Belle Fleming Sarah L. Royer (10/1/13-6/30/51 Mrs. John W. Fleming (7/3/52)	Gage not relocated. All observations were taken at same location.
2nd						
3rd						
4th						
5th						
6th						

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WAS, Harrisburg, Pa.

Station Saint Vincent College County Westmoreland State Pa. Index No.      Date prepared 3/20/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40 17 35	79 21 06		1122	2.9 mi. NW of P.O. at Latrobe, Pa.		Saint Vincent College	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SGO, TT	unknown	MRIS, SI	Jan 1861	Jan 1861 - June 1862	Randolph Miller
2nd				Jun 1862		
3rd						
4th						
5th						
6th						

\*MRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
 \*SI - Smithsonian Institution (1850-1865)

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WNAS, Harrisburg, Pa.

Station Salen Corners County Wayne State Pa. Index No. \_\_\_\_\_ Date prepared 11/27/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41° 25'	72° 25'		1600	Unknown		Salen	Unknown
2nd	41° 25'	72° 25'		1600	Unknown		Salen Corners	Unknown
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st						
1st	DT SRG	Unknown	SIA WRI	Apr 1869 July 1874	4/69 9/71 James Stooker Jerome Stooker	Record discontinued
2nd	Mx Mx CBS SRG	Unknown	FSM WRI GWB RW	5/88 - 12/99 5/13 - 12/20	T. B. Orchard	
3rd						
4th						
5th						
6th						

\* SIA - Penna Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
\* FSM - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
\* GWB - Report of Chief of Weather Bureau (continuation of CGO) (1891 - 1930)

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WNAS, Harrisburg, Pa.

Station Salt Lick County Cambria State Pa. Index No. \_\_\_\_\_ Date prepared 3/20/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 22' 57"	76° 50' 00"		1100	J. G. H. H. B. or F. G. at Conmush, Pa.		Salt Lick	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st						
1st	SRG	At Company Office	Not Published	Nov 1908 Feb 1937	Nov 1908 - Feb 1937 Johnston Winter Co.	
2nd						
3rd						
4th						
5th						
6th						

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WNAS, Harrisburg, Pa.

Station Salina SW County Westmoreland State Pa. Index No. 36-7782-9 Date prepared 5/28/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 30' 54"	79° 33' 14"		1109	3.1 mi WSW		Salina SW	Over sod; Area is agricultural, very hilly and wood; terrain surrounding is very hilly & wooded; ground slopes * * downward sharply to the north of the gage. # SRG is property of the observer.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	# SRG Mx Mx CBS	NWRC	CD	1-22-53	1-22-53/ Municipal Auth of Westmoreland County.	
2nd						
3rd						
4th						
5th						
6th						

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UNITED STATES DEPARTMENT OF COMMERCE  
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SUBSTATION HISTORY  
Office preparing form: WNAS, Harrisburg, Pa.

Station Saxton County Bedford State Pa. Index No. 36-7846-8 Date prepared 5/29/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 12' 52"	78° 15' 50"		800	0.5 mi W		Saxton SW	Over sod in obs. yard. terrain rolling; hilly and wooded.
2nd	40° 12' 52"	78° 14' 13"		800	0.25 mi SE		1.3 mi E Saxton	Over sod; rolling terrain; no forests, no obstructions. 1500 S. of RR tracks. Over sod in obs. yard. Sta is in valley surrounded by wooded hills all direction
3rd	40° 12' 00"	78° 14' 13"		780	0.3 mi SE		0.1 mi S Saxton	
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	RRIG RRIG SRG RRIG	NWRC	HB CD	12-1-40 12-31-47	12-1-40/2-25-44 Miss Leah R. Rhodes	2-26-44/12-31-44 1-1-45/12-31-47
2nd	RRIG SRG RRIG RRIG	NWRC	HB CD HPD	1-1-48 4-7-54	1-1-48/5-31-54 (employee) Huntington Broadtop Rd	Mrs. Delilah Rhodes Charles O. Holmes
3rd	RRIG RRIG RRIG SRG	NWRC	CD HPD	4-8-54	4-8-54/4-30-54 Charles O. Holmes	5-1-54/ Mrs. Alverta L. Holmes
4th						
5th						
6th						

\* RRIG installed 6/28/44, used by Pa. Dept. Forests & Waters.  
# RRIG station established by USGS and Water-Power Resources Board 10/1/31 at Lat. 40°12'55", Long. 78°15'55", zero elevation 794.73 ft. msl (unadjusted). The RRIG was installed 12/5/33 at zero elev. 795.77 ft. msl. Previous Y-RRB River Station (non-recording chain type gage) 0.8 mi downstream from this site, zero elev. 789.91 ft. msl 8/31/1911 to 5/31/1932. No other information available.

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WNAS, Harrisburg, Pa.

Station Salisbury County Tadomas State Pa. Index No. 36-7796 Date prepared 1/10/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 29'	79° 27'		Unknown	Unknown		Salisbury	Unknown
2nd	Unknown	Unknown		852	Unknown	Unknown	Salisbury	Unknown
3rd	40° 27' 06"	79° 29' 04"		819	0.1 mi. S	Unknown	Salisbury	Over sod near 35 ft. trees. In 300 ft. valley 0.1 mi. N of river. Area wooded.
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	HB CD HPD	JAN 1900 1910	1/88-1905 1/905-1910 George Myers W. S. Myers	Record missing; Dec 1896-Oct 1901
2nd	SRG	NWRC	HB CD HPD	1910 - Mar 1936	Mar 1936 Thomas Durnan	
3rd	SRG	NWRC	CD HPD	Sep 1936	Sep 1936 - Feb 1952 Walter D. Sullivan	
4th						
5th						
6th						

\* HB - Pa. State Weather Service, Monthly Summaries (1887-1895)  
\* HRB - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
\* GWB - Report of Chief of Weather Bureau (continuation of CGO) (1891-1930)

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WNAS, Harrisburg, Pa.

Station Scandia ZE County Warren State Pa. Index No. 36-7855-0 Date prepared 5/31/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41° 54' 48"	79° 00' 47"		2040	7.0 mi ESE Russell		Scandia ZE	Over sod on obs. farm; immediate area is agricultural, hilly & wooded; surrounding terrain is wooded & heavily wooded.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	RRIG	NWRC	HB CD HPD	5-19-41	Luther D. Anderson 5-19-41/5-30-50 Ruth G. Anderson 6-1-50/9-30-50	(all observations at same location)
2nd						
3rd						
4th						
5th						
6th						

\* At the beginning of record station was called Scandia (near).  
John G. Anderson 10-1-50/8-31-51; Mrs. Esther G. Anderson 9-1-51/4-30-53; David R. Anderson 5-1-53/



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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WAS, Harrisburg, Pa.**

Station **Secoy Hill** County **Washington** State **Pa.** Index No. **-** Date prepared **3/20/57**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40 05 30 05, 1150, 10 mi. SE of P.O. at Washington, Pa., Secoy Hill, Unknown.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG, Hx, Hn, CRS, unknown, FGS, Jan 1906 - Oct 1908, Jacob Gayman.

\*FSL - Pa. State Weather Service, Monthly Summaries (1887-1895)

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WAS, Harrisburg, Pa.**

Station **Scranton** County **Lackawanna** State **Pa.** Index No. **36-7902-1** Date prepared **6/18/56**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 41+24 52 75 29 47, 746, At P.O., Scranton, On roof of P.O. Bldg. approx. 65 ft. above ground.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, Mx, Mn, SRG, CRS, NWRC, CD, 6-18-55, 6-18-55/ P.O. Bldg. Supt., Price to 6-18-55 this location was the Scranton Weather Bureau Office.

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBO, Pittsburgh, Pa.**

Station **Schenley Lock 5** County **Armstrong** State **Pa.** Index No. **36-7863-2** Date prepared **9/24/56**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40 40 13 79 41 20, 765, 0.3 mi. WNW, Schenley Lock 5, Exposure excellent, rear of obs. home. Open area, 150' N of right bank.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, NR10, SRG, WBO, Pitt., CD, August 1, 1893 (Anna R. Burtner), August 31, 1927 (J. B. Schenley), form 1006 for period 1/1/11-12/31/21.

\*for Allegheny River on level ground.

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WAS, Harrisburg, Pa.**

Station **Seisholtzville** County **Berks** State **Pa.** Index No. **-** Date prepared **3/20/57**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40 28 12 75 36 10, 800, Unknown, Seisholtzville, Unknown.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG, NWRC, WBO, Pitt., CD, June 1894, June 1894 - Dec 1913, Philo Water Dept.

\*WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
\*FSL - Pa. State Weather Service, Monthly Summaries (1887-1895)  
\*CSG - Report of Chief of Weather Bureau (continuation of CSO) (1891-1930)  
\*SIA - Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WAS, Harrisburg, Pa.**

Station **Schuykill Haven** County **Schuykill** State **Pa.** Index No. **-** Date prepared **3/20/57**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40 30 76 10, unknown, Unknown, Schuykill Haven, Unknown.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG, unknown, WRI, SIA, Jan 1880 - May 1889, Philo Water Dept.

\*WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
\*SIA - Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WAS, Harrisburg, Pa.**

Station **Selinsgrove CAA Airport** County **Snyder** State **Pa.** Index No. **36-7931-5** Date prepared **6/19/56**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40 48 76 52, 455, Selinsgrove, Over sod in observer's yard, about 1 mi. W of Susquehanna River.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, CRG, Mx, Mn, SRG, NWRC, FM, FSL, CMB, CD, SA, WRI, 8/1/1888, 8/1/1888-5/1/1891, 1/1/1921, 6/1/18-10/31/18, D. R. Krugger.

\*FSL - Pa. State Weather Service, Monthly Summaries (1887 - 1895)  
\*CSG - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)  
\*WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)

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UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WMAS, Harrisburg, Pa.

Station Sellersville 2 NW County Bucks State Pa. Index No. 36-7938-3 Date prepared 6/6/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40°23'10" 75°20'15" 530 2.2 mi NW Sellersville No obstructions, woodland surrounding 2 NW\* reservoir, rolling country all directions

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Row 1: RRNG, NWRC, HB CD HPD, 7-29-37, 7-29-37/Borough of Sellersville (Employee)

\* Station known as Sellersville to July 1951. WRI and SIA have published a temperature and precipitation record for June 1884 through December 1885. No other information available.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WMAS, Harrisburg, Pa.

Station Shade Gap 2NE County Huntingdon State Pa. Index No. 36-7965-8 Date prepared 6/6/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40 10 54 77 51 37 960 0.3 mi. W NE 0.1 mi Shade Gap Sod at Harper Memorial Park; in narrow NW-SW Valley, 1800' ridges on N.E. 1800' on E

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Row 1: RRNG, NWRC, CD, 8/18/1937, 8/18/37-4/18/38 Mrs. Helen Harper Pyle observer officially apptd. 10/29/37

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WMO, Pittsburgh, Pa.

Station Seward County Westmoreland State Pa. Index No. 36-7956 Date prepared 1/2/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40 24 33 79 01 12 1122 0.2 mi. SSE Seward Seward SW in rear of observer's home on level ground, exp. excellent

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, RRNG, NWRC, NWRC, CD, HP, 6/1/31-6/28/52, 6-1-31 - 8-20-52 Edward L. Stutsman

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WMAS, Harrisburg, Pa.

Station Shamokin County Northumberland State Pa. Index No. 36-7978-5 Date prepared 6/6/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40°43' 76°35' - Approx. 750 unknown - Shamokin Unknown SW in rear of observer's home on level ground, exp. excellent

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Row 1: SRG DT, unknown, SW WRI SIA, Nov. 1, 1894, 11/1/1895-Jan. 1863 P. Frel (Lancaster Colliery)

WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume) SIA - Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895) PSW - Pa. State Weather Service, Monthly Summaries (1887-1895)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WMAS, Harrisburg, Pa.

Station Soudersville County Allegheny State Pa. Index No. - Date prepared 3/20/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40 38 00 81 656 - Soudersville Military Academy Excellent, on ground at Soudersville Military Academy

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Row 1: SRG DT, unknown, WRI SIA, Oct 1859, 10/1859-1/1861 - 11/1861-1/1862 John Travolta, Geo. Tracy

WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume) SIA - Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WMAS, Harrisburg, Pa.

Station Shanksville County Seneca State Pa. Index No. - Date prepared 3/20/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40 01 78 55 2260 unknown - Shanksville Terrain mountainous

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, NWRC, NWRC, May 1, 1910, May 1910 - Sep 1920 David Weigle

WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume) SIA - Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895) WSC - Reports of Pa. Water Supply Commission (1915-1920) WGB - Report of Chief of Weather Bureau (continuation of CSO) (1891-1930)



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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WFO, Pittsburgh, Pa.

Station: Sharpville County: Monroe State: Pa. Index No.: 36-9000 Date prepared: 1/2/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 16 05	80 27 57		951	1.0 mi. E		Sharpville	NEU at observers home on level ground Exp. Wood.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG 1340 RR40	13700	CD HB	4/20/53 6/19/53	W. M. J. Kelly 4/20/53-6/19/53	U.S.G.S. & Pa. Dept. of P.W. Record- ing river installed 3/2/53 by W. M. Kelly acts as substitute observer
2nd						
3rd						
4th						
5th						
6th						

YY  
WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WNAS, Harrisburg, Pa.

Station: Shaver Creek No. 3 County: Huntington State: Pa. Index No.: Date prepared: 3/20/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 42 47	77 52 36		1320	2.4 mi. S of P.O. at Pine Grove Hills		Shaver Creek No. 3	Torwin mountainous.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	RRG	unknown	unknown	Aug 1941 June 1942	Aug 1941 - June 1942 Pa. State University	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WNAS, Harrisburg, Pa.

Station: Sharpsburg Lock 2 County: Allegheny State: Pa. Index No.: 36-7995-N Date prepared: 6/6/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 29 19	79 54 57		733	0.7 mi. SW P.O. Aspinwall (Pittsburgh)		Sharpsburg Lock 2	Over sod: immediate area is industrial, hilly & wooded & the surrounding terrain is hilly and wooded.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, RRG	WFO, Pitts., Pa.	Not Publish.	1/1/1935 to date	11/1/35 - to date Corps of Engineers	
2nd						
3rd						
4th						
5th						
6th						

SRG - Property of Corps of Engineers  
RRG - Property of U.S.G.S.

WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WNAS, Harrisburg, Pa.

Station: Sheffield CV County: Warren State: Pa. Index No.: 36-9026-10 Date prepared: 5/31/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 41 18	79 08 45		1940	1.0 mi. SSE of P.O. at Warren, Pa.		Sheffield CV	Over sod in observer's yard. Exposure good, terrain - rolling
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	RRG	WNAS	CD HB RRG	11/29/1937 to date	11/29/37 - to date Leslie N. Hanson	
2nd						
3rd						
4th						
5th						
6th						

This station was formerly known as Cherry Grove in the HB

YY  
WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WNAS, Harrisburg, Pa.

Station: Shartlesville County: Lancaster State: Pa. Index No.: Date prepared: 3/20/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 31 20	76 06 48		520	unknown		Shartlesville	unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	unknown	WRESL&S	Jan 1876 Feb 1876	Jan 1876 - Feb 1876 R. M. Wagner	
2nd						
3rd						
4th						
5th						
6th						

SRG - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
WRESL&S - Pa. Secretary of Internal Affairs (Tabulations to 1857, Summaries to 1895)  
S&I - Smithsonian Institution (1890-1895)

YY  
WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WNAS, Harrisburg, Pa.

Station: Sheffield Fire Tower County: Warren State: Pa. Index No.: Date prepared: 1/23/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 41 28	78 59 20		2028	2.0 mi. E		Sheffield Fire Tower	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	13700	HB	12/1/1945 April 1, 1945	12/1/1945 - 12/1/1945 US Forest Service	Seasonal range - Summer only
2nd						
3rd						
4th						
5th						
6th						

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WB Form 530-1  
01A:50

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WAS, Harrisburg, Pa.

Station: Sheffield Range Station - County: Waynes - State: Pa. - Index No. - - Date prepared: 3/23/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41° 12' 20"	79° 00' 15"		1160	1 mi. W		Sheffield Ranger Sta.	unknown
2nd								
3rd								
4th								
5th								
6th								

Con't	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	MMDC	U	Aug 1912 Apr 22, 1916	Aug 1912 - Apr 1916 P. L. Rudolph	Seasonal records - Summer
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

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WB Form 530-1  
01A:50

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WAS, Harrisburg, Pa.

Station: Shingle House - County: Bolton - State: Pa. - Index No. - - Date prepared: 3/20/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41° 50'	78° 31'		1175	unknown		Shingle House	Unknown
2nd								
3rd								
4th								
5th								
6th								

Con't	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG Ht. Hn. CBS	MMDC	WRS	Nov 1893 Sep 1901	11/1893-12/1894 C. D. Voorhees	1/1895-1/1899 W. J. Farnell 3/1899-12/1899 W. J. Farnell 3/1900-10/1901 W. J. Woodard
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

\*CWB Report of Chief of Weather Bureau (continuation of CSO) (1891-1895)  
\*FSW Pa. State Weather Service, Monthly Summaries (1887-1895)  
\*WRI Water Resources Inventory - Pa. Water Supply Commission (one volume)

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WB Form 530-1  
01A:10

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WAS, Harrisburg, Pa.

Station: Shellocks - County: Indiana - State: Pa. - Index No. - - Date prepared: January 8, 1958

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 39'	79° 18'		992	Unknown		Shellocks	In narrow valley oriented NW-SE. Surrounding relief 200 ft high.
2nd								
3rd								
4th								
5th								
6th								

Con't	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	U	U	Feb 1938 May 1939	Feb 1938 - May 1939 Soil Conservation Service	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

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WB Form 530-1  
01A:50

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WAS, Harrisburg, Pa.

Station: Shippensburg - County: Franklin - State: Pa. - Index No. 36-8073-1 - Date prepared: 5/31/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	39° 59'	77° 33'		unknown	unknown	unknown	Shippensburg	unknown
2nd	39° 59'	77° 33'		1000	unknown	unknown	Shippensburg	At obs. house in rolling ctry. Forest. ed mts. about 2 mi. to Exrov sod
3rd	40° 03' 31"	77° 31' 23"		680	0.5 mi. N Shipp.	unknown	Shippensburg	Over sod on campus of State Teachers Coll. Terrain rolling but higher on large level lot.
4th	40° 02' 50"	77° 32' 00"		709	0.8 mi. WSW "	1.1 mi. S	Shippensburg	Yd at obs. home, 117 Stewart Place over sod; terrain flat all directions.
5th								
6th								

Con't	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, DT	MMDC	*CWB, SW WRI, CD	5/1/1910 2/29/1912	W. Elmer Houpt, Forester	(in Franklin Co.)
2nd	SRG	MMDC	CWB, SW	5/1/1912	Wm. O. Taylor, Forester	(in Franklin Co.)
3rd	SRG, CBS, Wt. Mn	MMDC	HB, CD	11/1/1932 12/2/1931	Keith B. Allan	(in Franklin Co.)
4th	SRG, CBS, Wt. Mn	MMDC	CD	1/1/1912 to date	Keith B. Allan	(in Franklin Co.)
5th						
6th						

WB Form 530-1

\*CWB Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)  
\*WRI Water Resources Inventory - Pa. Water Supply Commission (one volume)

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WB Form 530-1  
01A:100

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WAS, Harrisburg, Pa.

Station: Shenandoah (near) - County: Schuykill - State: Pa. - Index No. - - Date prepared: 3/20/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 51'	76° 12'		1520	2.0 mi. W		Shenandoah (near)	Unknown
2nd								
3rd								
4th								
5th								
6th								

Con't	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	unknown	unknown	unknown	Notes unknown Edward Frye	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

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WB Form 530-1  
01A:50

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WAS, Harrisburg, Pa.

Station: Shirleysburg - County: Huntingdon - State: Pa. - Index No. - - Date prepared: 3/20/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 17'	77° 43'		610	unknown		Shirleysburg	Unknown
2nd								
3rd								
4th								
5th								
6th								

Con't	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	DT	unknown	SLA & SLA	Jan 1853 Oct 1853	William Broomer	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

\*SLA Pa. Secretary of Internal Affairs (tabulations to 1887, summaries to 1895)  
\*SL Smithsonian Institution (1850-1865)



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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WAS, Harrisburg, Pa.  
Station: Silver Lake County: Susquehanna State: Pa. Index No.: - Date prepared: 3/27/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41 56	75 57		1730	unknown	-	Silver Lake	unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG DT	unknown	STAR WRIS	Mar 10/39 - Dec 10/41	Mar 10/39 - Dec 10/41 H. Rose	
2nd						
3rd						
4th						
5th						
6th						

\*STAR - Pa. Secretary of Internal Affairs (Publications to 1937, Summaries to 1935)  
\*WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
WB Form 530-1

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WAS, Harrisburg, Pa.  
Station: Sinneshonong County: Cameron State: Pa. Index No.: 36-8115-7 Date prepared: 6/1/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
7	41 19 08	78 05 24		780	0.25 mi E		Sinneshonong	Over sod (same terrain as location 1)
8	41 19 12	78 05 07		780	0.6 mi E		"	Over sod (same terrain as location 1)
9	41 19 01	78 04 58		790	0.6 mi E		"	Over sod (same terrain as location 1)
9a								
9b								
9c								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
7	SRG, RRIG	NWBC	CD	4/9/53 - 7/23/53	4/9/53 - 7/23/53 Robert H. Johnson	
8	SRG, RRIG	NWBC	ND	12/9/53 - 2/22/54	12/9/53 - 2/22/54 George P. Shaffer	RRIG installed by USGS 12/10/53, 1.1 mi. N of station from RRIG at 61 - lower datum
9	SRG, RRIG	NWBC	CD	3/2/54 - to date	3/2/54 - to date Mrs. Frances R. Caldwell	
9a						
9b						
9c						

\*RRIG at 41°19'10"N, 78°05'00"W  
WB Form 530-1

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WAS, Harrisburg, Pa.  
Station: Silver Spring County: Lancaster State: Pa. Index No.: - Date prepared: 3/20/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40 03 50	76 26		420	Unknown	-	Silver Spring	Cently rolling terrain
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG DT	unknown	SI*	Apr 1963 - May 1969	Apr 1963 - May 1969 H. G. Bruckert	
2nd						
3rd						
4th						
5th						
6th						

\*SI - Smithsonian Institution (1950 - 1965)  
WB Form 530-1

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WAS, Harrisburg, Pa.  
Station: Sidpack County: Montgomery State: Pa. Index No.: - Date prepared: 3/20/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40 14	75 24		200	unknown	-	Sidpack	Terrain rolling and agricultural
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG, RR, CBS	UNMO	CD	Apr 1893 - June 1897	Apr 1893 - June 1897 H. W. Denby	
2nd						
3rd						
4th						
5th						
6th						

\*RRS - Pa. State Weather Service, Monthly Summaries (1887-1895)  
\*CBS - Report of Chief of Weather Bureau (continuation of CO) (1891-1930)  
WB Form 530-1

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WAS, Harrisburg, Pa.  
Station: Sinneshonong County: Cameron State: Pa. Index No.: 36-8115-7 Date prepared: 6/1/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41 19 10	78 04 48		780	0.8 mi. E		Sinneshonong	Over sod in narrow E-W valley with wooded ridges 100' above stn. all direc. within 1-2 mile.
2nd	41 19 10	78 05 50		800	0.1 mi. NW		"	Over sod (same terrain as above)
3rd	41 19 10	78 05 36		830	0.1 mi. NE		"	Over sod (same terrain as location 1)
4th	41 19 08	78 05 38		810	0.3 mi. NE		"	Over sod (same terrain as location 1)
5th	41 19 07	78 05 44		800	0.1 mi. NNW		"	Over sod (mountainous terrain all dir.)
6th	41 19 05	78 05 45		790	0.1 mi. W		"	Over sod (mountainous all directions)

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG, RRIG	NWBC	CD	Jan. 19, 1925 - 3/28/51	Jan. 19, 1925 - 3/28/51 James H. Johnson	*Auth. by amend. 126-51, dated 2/26/51 to Circ. 11, para. 1 dated 7/1/50.
2nd	SRG, RRIG	NWBC	CD	Mar. 29, 1925 - 6/7/52	Mar. 29, 1925 - 6/7/52 Clara Meyer	
3rd	SRG, RRIG	NWBC	CD	Apr. 20, 1925 - 6/20/52	Apr. 20, 1925 - 6/20/52 Chauncey L. Lome	
4th	SRG, RRIG	NWBC	CD	Sept. 15, 1925 - 9/18/52-11/15/52	Sept. 15, 1925 - 9/18/52-11/15/52 Charles E. Shaffer	
5th	SRG, RRIG	NWBC	CD	Nov. 21, 1925 - 11/21/52-11/29/52	Nov. 21, 1925 - 11/21/52-11/29/52 Mrs. Olive O. Smith	
6th	SRG, RRIG	NWBC	CD	Dec. 9, 1925 - 12/9/52-12/10/52	Dec. 9, 1925 - 12/9/52-12/10/52 Bartram A. Baleshader	

\*RRIG on Sinneshonong Creek at 41°19'10"N, 78°05'10"W operated by USGS since 6/18/38.  
\*Estab. as conl. river stn. 12/16/38, Instr. #1, para. 11, 1/31/39, observer C. Gore, who rendered intermittent reports (no records) through early 1940's. (no other information available).  
\*C&I and WRI show precip. record for July 1895 through March 1901, elevation 794 (no other information available)  
WB Form 530-1

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WAS, Harrisburg, Pa.  
Station: Silco County: Clarion State: Pa. Index No.: - Date prepared: 3/21/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	Unknown	Unknown		Unknown			Silco	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	RRIG	Unknown	Unknown	Jan 1930 - May 1940	Jan 1930 - May 1940 Soil Conservation Serv.	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WEAS, Harrisburg, Pa.

Station Slippery Rock County Butler State Pa. Index No. 36-8184 Date prepared 6/1/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Includes records for instruments like SRS, MRC, CD and observers like Dr. Walter D. Albert.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WEAS, Harrisburg, Pa.

Station Smiths Corners County Duquesne State Pa. Index No. - Date prepared 3/21/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Includes records for instruments like SRS, MRC, CD and observers like Phila Water Dept.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WEAS, Harrisburg, Pa.

Station Smithport Highway Shed County McKean State Pennsylvania Index No. 36-8190-10 Date prepared June 7, 1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Includes records for instruments like SRS, DT, MRC, CD and observers like Armstrong & Brounell.

\* thinly wooded. \*\* WEAS-Geological Data Summaries, BULLETIN W - summaries to 1930 # WRI-Water Resources Inventory - Penna. Water Supply Commission (one volume) % SIA-Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895) \$ PSW-Penna. State Weather Service, Monthly Summaries (1887 - 1895) & CWB-Report of Chief of Weather Bureau (continuation of GSO) (1891 - 1930)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WEAS, Harrisburg, Pa.

Station Solomon Brook County Luzerne State Pa. Index No. - Date prepared 3/21/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Includes records for instruments like SRS and observers like Corbett Research.



WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WNO Pittsburgh, Pa.

Station Somerset (Fairview St.) County Somerset State Pennsylvania Index No. 36-8244-9 Date prepared 4/27/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation feet	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	40 01	79 04	-	2105	.5 miles E		Somerset 2E 2E Substation	Exposure excellent. Located in open area at Power Plant.
2nd	40 01	79 05	-	2110	.6 miles W.	.5 MI E	Somerset (Fairview St)	Exposure excellent. Located in rear of observers home.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRO	NWRC	CD	3/7/38 - 6/31/49 8/31/49 9/1/49	3/7/38 - 6/31/49 Carl W. Holt 9/1/49 Howard G. Peck	
2nd	SRO	NWRC	CD			
3rd						
4th						
5th						
6th						

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WMS, Harrisburg, Pa.

Station South Canaan 1 NE County Wayne State Pa. Index No. 36-8275-1 Date prepared 2/8/55

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation feet	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	41 30	75 24 15		1100	0.6 mi. NE		South Canaan 1 NE	Over sod in observer's yard; plateau terrain-rolling with numerous lakes and swamps.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRO	NWRC	CD HPD	6/25/1948 to date	6/25/48 - to date Eugene W. Cook	
2nd						
3rd						
4th						
5th						
6th						

Station first known as South Canaan, then was known as South Canaan 1E. No dates available for these name changes. September 1, 1951 the station name officially became South Canaan 1NE. Station at this name site, with same observer, since establishment June 25, 1948.

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WMS, Harrisburg, Pa.

Station Somerset Main Street County Somerset State Pa. Index No. 36-8249-9 Date prepared 6/7/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation feet	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	40 02	79 03		2200	unknown		Somerset	unknown
2nd	40 00	79 04		2200	unknown	unknown	Somerset	over sod; terrain-rolling and hilly
3rd	40 00	79 04		2190	unknown	unknown	Somerset	on open lamnhigh rolling plateau. Level around site for 300-400 yds.
4th	40 01 05	79 04 13		2100	0.6 mi. N	unknown	Somerset	over sod; rolling & wooded in patches.
5th	40 00 32	79 04 35		2150	0.1 mi. SE	0.7 mi. SE	Somerset Main St	Water Works surrounding is mts. & heavily wooded. over sod; area residential, hilly and wooded-surrounding is mts. & heavily wooded.
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRO, T7	NWRC	* SIA, SW, MTR	12/1/39-1/1869 6/1869	12/1/39-1/1869 E. Mowry	(intervals of missing record)
2nd	SRO, Mr. Mn, CBS	NWRC	* PSW, MTR, SW, MTR	10/1/1887 8/1906	10/1/1887-8/26 M. M. Schrock	
3rd	SRO, Mr. Mn, CBS	NWRC	CWS	9/25/1925 6/30/1929	9/25/25-2/30/29 Pa. Public Service Co. (employed)	
4th	SRO, Mr. Mn, CBS	NWRC	SW, TB, CWS, CD	1/1/1930 7/21/1955	1/1/30-7/21/55 D.L. Grove (equip. located Somerset Water Works Plant)	
5th	SRO, Mr. Mn, CBS	NWRC	CD	6/21/1955 to date	6/21/55 - to date David L. Grove (equip. moved to Mr. Grove's residence.)	
6th						

\*SIA Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
\*MTR Water Resources Inventory - Pa. Water Supply Commission (one volume)  
\*PSW Pa. State Weather Service, Monthly Summaries (1887 & 1895)

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WMS, Harrisburg, Pa.

Station South Eaton County York State Pa. Index No. 36-8249-9 Date prepared 3/21/7

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation feet	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	40 30	76 55		660	Unknown		South Eaton	In broad N-S valley 75' from Susquehanna River. Elev. E and W ring 500-1000 ft.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRO, Mr. Mn, CBS	NWRC	EW, CWS, CD	Sep 1889 Feb 1890	Sep 1889 - Sep 1908 Franklin D. Hall	
2nd						
3rd						
4th						
5th						
6th						

\*CWS - Report of Chief of Weather Bureau (continuation of C50) (1891 - 1930)  
\*MTR - USA, We. Bur. BULLETIN #20 - Climatology of the United States (Pages 212-220)  
\*MTR - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
\*PSW - Pa. State Weather Service, Monthly Summaries (1887 - 1895)

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WMS, Harrisburg, Pa.

Station South Bend County Armstrong State Pa. Index No. 36-8249-9 Date prepared 3/20/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation feet	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	40 38 02	79 22 10		970	0.1 mi. SEB		South Bend	Excellent, on "POUND AT FOOT" of observers home
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRO, MTR, S	C of SW Fgh., Pa.	unknown	Sep 22, 1940 Nov. 31, 1942	Sep 1940 - Nov 1942 H. H. Hanna	*Wire Weight River Gage, CoFE 3/10-5/42 Reestablished 7/10 to date. Published in Water Supply Papers, Let 40 37 42, Long. 79 22 17, Elev. 974
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WMS, Harrisburg, Pa.

Station South Mountain County Franklin State Pa. Index No. 36-8308-4 Date prepared 6/8/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation feet	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
1st	39 51 05	77 30 13		1520	0.3 mi. NW		South Mountain	Over sod Terrain-mountainous all directions
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRO	NWRC	CD	5/23/1940 to date	5/23/1940 - to date Pa. Dept. of Health (Mr. Edgar P. Nomm)	
2nd						
3rd						
4th						
5th						
6th						

\*Published in HB September and October 1940.

WB Form 530-1

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WAS, Harrisburg, Pa.

Station: South Sterling County: Fulton State: Pa. Index No.        Date prepared: 3/21/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 21	75 24		1100	Unknown		South Sterling	Mountainous country. Forest 100 feet thick.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SGS	WVRC	OSB 1916	May 1913 Nov 1927	May 1913 - Nov 1927 Penns Power & Light Co.	No record Jan 1916 - Mar 1926
2nd						
3rd						
4th						
5th						
6th						

SGS - Report of Chief of Weather Bureau (continuation of GSO) (1891 - 1930)  
WRI - Water Resources Inventory - Penns. Water Supply Commission (one volume)  
WB Form 530-1

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WAS, Harrisburg, Pa.

Station: Spring Brook Intake County: Lackawanna State: Pa. Index No.        Date prepared: 3/21/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 19 51	75 41 00		910	3.1 mi. E of P.O. at DuPont, Pa.		Loose	On south bank of reservoir in valley oriented E-W
2nd	41 19 51	75 41 10		910	3.0 mi. E of P.O. at DuPont, Pa.		0.1 mi W Intake	Spring Brook intake at west end of reservoir in N-S orientation E-W
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SGS	Unknown	WRI	Jan 1897 Dec 1915	Jan 1897 - Dec 1915 Emps. Records	
2nd	SGS	WVRC	not published	Jan 1911 no date	Jan 1911 - to date Scranton Springbrook Water Co.	
3rd						
4th						
5th						
6th						

WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
WB Form 530-1

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WAS, Harrisburg, Pa.

Station: Spanville Mills County: Jefferson State: Pa. Index No.        Date prepared: 3/21/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 00 09	79 06 15		1270	Unknown		Spanville Mills	In narrow valley oriented NW - SE. Terrain hilly and wooded.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SGS	Unknown	Unknown	Feb 1930 May 1940	Feb 1930 - May 1940 Andrew Bealio	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

XX  
WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: Central Office

Station: Spring Grove County: York State: Pa. Index No. 36-8379-4 Date prepared: February 28, 1958

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	39°52'12"	76°52'00"		470	0.1 miles S		Spring Grove	Equip. located on roof of 30' bldg. No obstruction - terrain hilly
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	# RRNG SGS	WVRC	HB, CD, HPS	JAN '32 to date	JAN '32 to date P. H. Glatefeiter Paper Co.	*Elevation is ground elevation
2nd						
3rd						
4th						
5th						
6th						

#RRNG installed by C of E 5/23/41 under supervision F-SFFS  
SGS moved from ground to roof in 1935 (exact date not known)  
The latitude, longitude and elevation is unknown for the ground site.  
The direction and distance from this ground site to the present site is 210 feet west.  
WB Form 530-1

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WAS, Harrisburg, Pa.

Station: Springboro County: Crawford State: Pa. Index No. 36-8359-10 Date prepared: 6/8/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41 48 02	80 22 30		900	0.2 mi. W		Springboro	Over sod/mediate area is industrious rolling & thinly wooded surrounding terrain very hilly and wooded.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	#RRNG, SRG, M, Hn, OS	WVRC	CD HPS	3/18/1955 no date	3/18/55 - to date Springboro Borough (Mr. Charles Van Slyke)	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form: WAS, Harrisburg, Pa.

Station: Spring Mount County: Montgomery State: Pa. Index No.        Date prepared: 3/21/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40 17	75 20		100	Unknown		Spring Mount	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SGS	WVRC	OSB, FSN, CD	Aug 1893 1775 1825 1840 Dec 1915	Aug 1893 - Dec 1915 Pa. State Dept.	Record discontinuous
2nd						
3rd						
4th						
5th						
6th						

OSB - Report of Chief of Weather Bureau (continuation of GSO) (1891 - 1930)  
FSN - Pa. State Weather Service, Monthly Summaries (1887 - 1895)  
WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
CIA - Pa. Secretary of Internal Affairs (Tribulations to 1887, Summaries to 1895)  
WB Form 530-1



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Springs 1 SW County Somerset State Pa. Index No. 36-8395-9 Date prepared 6/8/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes instrument records for 1st through 6th locations.

\* Station name changed to Springs September 1938.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station State College County Centre State Pa. Index No. 36-8449-7 Date prepared 6/21/1956

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes instrument records for 1st through 6th locations.

\* Solar and sky radiation measurements also taken.

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UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Spruce Creek County Huntingdon State Pa. Index No. 36-8405 Date prepared 3/9/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes instrument records for 1st through 6th locations.

River stn. estab. Auth. by Instr. No. 10, para 11, dated 10/31/49. C.O. No. 0-1, 12 dated 3/10/53.

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UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station State College (SCS-1A) County Centre State Pa. Index No. - Date prepared 1/23/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes instrument records for 1st through 6th locations.

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UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Standing Stone Exp. Station County Huntingdon State Pa. Index No. - Date prepared January 8, 1958

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes instrument records for 1st through 6th locations.

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UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station State College (SCS-2A) County Centre State Pa. Index No. - Date prepared 1/23/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes instrument records for 1st through 6th locations.

Y X  
WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

CH 180  
Office preparing form WBAS, Harrisburg, Pa.

Station Steenburg County Crawford State Pa. Index No. - Date prepared 3/21/47

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41° 44' 15"	80° 28' 15"		1060	Unknown		Steenburg	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date let and last observations		
(a)	(1)	(2)	(3)	(4)	(5)	(6)
1st	SRG	unknown	WS*	Jan 1, 1917 Feb 18, 1918	Jan 1917 - Feb 1918 Paul Lawrence	
2nd						
3rd						
4th						
5th						
6th						

\*WS\* - Reports of Pa. Water Supply Commission (1915 - 1920)

WB Form 530-1

Y X  
WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

CH 180  
Office preparing form WBAS, Harrisburg, Pa.

Station Stony Mountain Tower County Dauphin State Pa. Index No. - Date prepared January 8, 1958

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 27' 26"	76° 43'		1660	Unknown		Stony Mtn Tower	Mountainous and wooded on knoll of hill.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date let and last observations		
(a)	(1)	(2)	(3)	(4)	(5)	(6)
1st	SRG, Tg	U.	U.	Jan 1939 Dec 1939	Oct 1939 - Dec 1939 Dixon K. Miller	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

Y X  
WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

CH 180  
Office preparing form WBAS, Harrisburg, Pa.

Station Stewartstown County Tork State Pa. Index No. - Date prepared 3/21/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	39° 45'	78° 36'		750	Unknown		Stewartstown	Terrain hilly and agricultural
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date let and last observations		
(a)	(1)	(2)	(3)	(4)	(5)	(6)
1st	RTRG	MWRC	HD	Nov 7, 1914 Jun 1, 1915	Nov 1914 - June 1915 Joseph Wilson	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

Y X  
WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

CH 180  
Office preparing form WBAS, Harrisburg, Pa.

Station Stoyestown County Somerset State Pa. Index No. - Date prepared 3/21/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 06' 15"	78° 57' 34"		1992	Unknown		Stoyestown	On E slope of hill
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date let and last observations		
(a)	(1)	(2)	(3)	(4)	(5)	(6)
1st	CMW Mx Mx SRG	MWRC	WRI*	Dec 1890 Oct 1923	12/1890-12/1896 11/1922-10/1923 H.J. Berkebile H.J. Pasrod	No record Jan 1896 - Oct 1922
2nd						
3rd						
4th						
5th						
6th						

\*PSW - Pa. State Weather Service, Monthly Summaries (1887 - 1895)  
 \*EW - USWB Climatological Data Summaries, BULLETIN W - summaries to 1930  
 \*CMB - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)  
 \*WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)

WB Form 530-1

Y X  
WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

CH 180  
Office preparing form WBAS, Harrisburg, Pa.

Station Stevensville County Bradford State Pa. Index No. - Date prepared 3/21/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41° 45' 35"	76° 10' 37"		865	unknown		Stevensville	
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date let and last observations		
(a)	(1)	(2)	(3)	(4)	(5)	(6)
1st	SRG DT	unknown	SMITHSONIAN*	May 1865 Feb 1867	May 1865 - Feb 1867 J. Russell Dutton	
2nd						
3rd						
4th						
5th						
6th						

\*SI - Smithsonian Institution (1850 - 1865)  
 \*WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)

WB Form 530-1

Y X  
WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU

CH 180  
Office preparing form WBAS, Harrisburg, Pa.

Station Strasstown County Berks State Pa. Index No. 36-8570-2 Date prepared 6/19/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 29' 25"	76° 11' 10"		600	0.1 mile West		Strasstown	Over sod in obs. yard, 30' south of obs. house. Terrain flat.
2nd	40° 29' 25"	76° 11' 10"		600	0.1 mile Southwest	0.1 SE	Strasstown	Over sod in obs. yard, 60' northwest of obs. house. Terrain flat all direct.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date let and last observations		
(a)	(1)	(2)	(3)	(4)	(5)	(6)
1st	SRG	MWRC	CD HD	8/15/45 11/30/50	8/15/45-11/30/50 Robert R. Hiester	Station established 8/2/45, pay began 8/15/45
2nd	SRG	MWRC	CD	3/27/51	3/27/51- Jacob Klahr	No change in coordinates or elevation because of short distance involved in relocation.
3rd						
4th						
5th						
6th						

WB Form 530-1



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station Strongtown County Indiana State Pa. Office preparing form WBAS, Harrisburg, Pa. Index No. 36-8589-2 Date prepared 6/19/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station Stroudsburg County Monroe State Penna. Office preparing form WBAS, Harrisburg, Pa. Index No. 36-8596-1 Date prepared 6/21/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

\* Fragmentary record 1839 - May 1841 in SIA - Jan 1888 - Oct 1888 in PSM. FRNG observations began Aug 25, 1957. # MRI - Water Resources Inventory - Penna. Water Supply Commission (one volume). \$ CWS - Report of Chief of Weather Bureau (continuation of SOO) (1891 - 1930). % BW - USMB Climatological Data Summaries, BULLETIN W - summaries to 1930.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station Stroudsburg County Monroe State Penna. Office preparing form WBAS, Harrisburg, Pa. Index No. 38-8596-1 Date prepared 6/21/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station Stroudsburg County Monroe State Pa. Office preparing form WBAS, Harrisburg, Pa. Index No. 36-8601 Date prepared 1/23/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station Stump Creek County Indiana State Pa. Office preparing form WBO, Pitt., Pa. Index No. 36-8610-0 Date prepared 4/21/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Station Sugar Grove County Warren State Pa. Office preparing form WBAS, Harrisburg, Pa. Index No. Date prepared 3/21/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st to 6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st to 6th.

#MRI - Water Resources Inventory - Pa. Water Supply Commission (1915 - 1920). #SI - Smithsonian Institution - (1850-1865).

Y X  
WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**  
Station **Summersdale (near)** County **Cumberland** State **Pa.** Index No. **-** Date prepared **1/28/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 19'	76° 55'		500	Unknown	-	Summersdale (near)	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	Mr Mn CRG SRG	USOS Harrisburg	unknown	MAR 1, 1935 MAR 31, 1941	MAR 1935 * MAR 1941 Dixon Miller	Records discontinued to observer's periodic leave to fire tower.
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

Y X  
WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Penna.**  
Station **Sunbury** County **Northumberland** State **Penna.** Index No. **-** Date prepared **12/16/54**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 52'	76° 47'		500	0.6 mi. S		Sunbury	70 ft. SE of 20 ft. high bungalow surrounding hills 300 ft. high.
2nd	40° 52'	76° 47'		500	0.3 mi. WSW		Sunbury	U.
3rd	40° 52'	76° 47'		500	0.6 mi. S		Sunbury	Same as 1st location.
4th	40° 52'	76° 47'		507	0.5 mi. SW		Sunbury	30 ft. from base in Susquehanna Valley. Terrain hilly and wooded.
5th	40° 52'	76° 47'		507	0.7 mi. ESE		Sunbury	High trees 40 ft. E and S on level land 1/2 mile E of Susquehanna River.
6th	40° 52'	76° 47'		507	0.6 mi. SSE		Sunbury	On flat ground in residential area 1 mile E of Susquehanna R. in broad N-S valley.

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	BYWRI** CHS&CD	April 1913 June 1916	April 1913 - June 1916 Will G. Leaker	405 Chestnut St.
2nd	SRG	NWRC	CHS, #CD	July 1916 Sept. 1918	July 1916 - Sept. 1918 John Shindel	129 North 2nd.
3rd	SRG	NWRC	W, CHS, CD	Sept. 1918 Feb. 1920	Sept. 1918 - Feb. 1920 Will G. Leaker	405 Chestnut
4th	SRG	NWRC	W, CHS, CD	Mar. 1920 May 1921	Mar. 1920 - May 1921 Walter H. Mann	225 Market
5th	SRG	NWRC	W, CHS, CD	June 1921 Jul. 1923	June 1921 - July 1923 Evan Walker	714 Beas
6th	SRG	NWRC	W, CHS, CD	Aug. 1923 Oct. 31, 1926	Aug. 1923 - Oct. 1926 Chas. Frymoyer	724 Chestnut

WB Form 530-1

\* USWB Climatological Data Summaries, BULLETIN W - summaries to 1930  
\*\* Water Resources Inventory - Penna. Water Supply Commission (one volume)  
# Report of Chief of Weather Bureau (continuation of GSO) (1891 - 1930)

Y X  
WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**  
Station **Summit** County **Crawford** State **Pa.** Index No. **-** Date prepared **3/22/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41° 43'	80° 25'		1150	Unknown	-	Summit	unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	CD	Jan 1920 Aug 1923	Jan 1920 - Aug 1923 L. E. Dickey	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

Y X  
WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**  
Station **Sunbury** County **Northumberland** State **Pa.** Index No. **36-8668-5** Date prepared **6/21/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 51' 10"	76° 48' 10"		465	0.7 Mi. S		Sunbury	Over sod 7 1/2' above ground. 9' from houses N & S. Terrain flat.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG RRWGRRIG NR40	NWRC	CD HPD DRG	1/1/23	1-1-23 - 11-30-23; 12/1/23-4/30/24; 5/1/24-7/31/33** Chas. Bayler	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

\*\*RRWG record began 8/18/37 and relocated 1.9 Mi. WSW to present site 6/19/42  
\*\* 8/1/33 - Charles Bayler

Y X  
WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**  
Station **Summit Hill** County **Carbon** State **Pa.** Index No. **-** Date prepared **3/22/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 50'	79° 52'		1420	U		Summit-Hill	U
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, DT	U.	SI*	June 1852 Dec. 1852	June 1852 - Dec. 1852 N. Abbott	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

\* Smithsonian Institution (1850 - 1855).

Y X  
WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**  
Station **Sunbury** County **Northumberland** State **Penna.** Index No. **-** Date prepared **3/22/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 51' 07"	76° 46' 09"		465	U		Sunbury	On earth dyke between 2 water reservoirs in broad N-S valley.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	RRWG	IMWC	HR	Aug. 13, 1937 A. D. 1/42	Aug. 1937 - Apr. 1948 Sunbury Water Company	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1



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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form Central Office  
Station Sunbury 2 N Airport County Northumberland State Pa. Index No. 36-8673 Date prepared February 28, 1958

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40°53'30"	76°46'50"		443	2.0 miles	NNE	Sunbury 2N Airport	On island in Susquehanna River
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	Mx, Mn, CRS, SRG	NWRC	CD, HB	Nov., 1942 - June 21, 1949	Nov. 1942 - June 21, 1949 CAA employees	Closed Jan. 11, 1947 - April 15, 1947
2nd						
3rd						
4th						
5th						
6th						

#Station moved to Selinsgrove (36-7931) effective 6/22/49.

WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WD, Pittsburgh, Pa.  
Station Suterville County Allegheny State Pa. Index No. 36-8699-9 Date prepared 5/28/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40°14'13"	79°47'43"		1040	0.5 mi	E	Suterville	Exposure excellent, gage located on level grd., top of hill, near obs. home.
2nd	40°14'09"	79°48'15"		765	0.1 mi	S	Suterville	Exposure good, on level ground, rear of obs. home.
3rd	40°14'25"	79°48'25"		765	0.2 mi	NW	Suterville	Exp. excellent, gage located on catwalk of rvc gage house on Toughlegney Rvr.
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	RRIG SRG	Unknown	DBS	12-1-39 5-31-42	12-1-39/5-31-42	RRIG installed 6/1/39; Stevens Telemark Gage # 9/21/49, SRG located in #
2nd	RRIG SRG	Unknown	DBS	6-1-42	6-1-42/9-30-42	SRG located in Westmoreland County.
3rd	RRIG SRG	NWRC	DBS CD	9-30-42	10-1-42/11-12-45	SRG relocated in Allegheny County.
4th						
5th						
6th						

\* Westmoreland County.  
John H. Crumrine 11-33-45/6-30-48; Michael C. Rasko 7-1-48/6-15-56; Frank E. Marsh 6-16-56/

XX  
WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.  
Station Sunbury (Sun Valley Station) County Northumberland State Pa. Index No. --- Date prepared 3/22/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40°51'27"	76°16'00"		480	1.2 miles	E	Sunbury (Sun Valley Sta.)	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	RRIG	U.	U.	July 1, 1943	July 1940 - Oct. 1941	Oct. 15, 1941 Soil Conservation Service.
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.  
Station Swatmore County Delaware State Pa. Index No. --- Date prepared 3/22/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	39°54'33"	75°21'00"		190	Unknown		Swatmore	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	Fay SRG Mx Mn CBS	NWRC	CD CBS# PWS WRI	Oct 1887 Apr 1906	Oct 1887 - Apr 1906	Susan Cunningham
2nd						
3rd						
4th						
5th						
6th						

\*CBS = Report of Chief of Weather Bureau (continuation of CBS) (1891 - 1930)  
\*PWS = Pa. State Weather Service, Monthly Summaries (1887-1895)  
\*WRI = Water Resources Inventory - Pa. Water Supply Commission (one volume)

WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.  
Station Susquehanna County Susquehanna State Pa. Index No. 36-8692-6 Date prepared 6/20/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41°56'	75°40'		800	Unknown		Susquehanna Depot	Unknown
2nd	41°56'15"	75°35'15"		1020	0.3 mi	ENE	Susquehanna	Obs. yard, 100' above river, near edge of town.
3rd	41°56'15"	75°35'15"		1030	0.2 mi	E	Susquehanna	Obs. yard, 0.2 mi south of river, in town.
4th	41°56'15"	75°35'15"		1020	0.3 mi	ENE	Susquehanna	Dry sod obs. rd approx 25' from house, terrain sloping, sta. 100' above river.
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG DT	Unknown	WRI*	6-1863 7-1863	6-1863/7-1863	Susquehanna Records
2nd	SRG	NWRC	HB CD	2-15-1935 5-31-1945	H. H. Auster 2-15-39/11-30-44	
3rd	SRG	NWRC	CD	3-31-1945	Raymond J. Holleran	Mrs. Emily C. Holleran 519 Church St.
4th	SRG	NWRC	CD	3-31-1947	Mrs. Grace E. Brown	302 Myrtle St.
5th					4-1-47/	Mrs. Laura A. Benson 515 Church St.
6th						

\* Water Resources Inventory - Pa. Water Supply Commission (one volume).

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WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.  
Station Swiftwater County Monroe State Pa. Index No. --- Date prepared 3/22/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41°06'	75°20'		1600	Unknown		Swiftwater	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	CD#WRI#CBS	Jan 1887 Oct 1900	1/1887-8/1900 - 8/1900-10/1900	Richard Lee Cornelia Frothingham
2nd						
3rd						
4th						
5th						
6th						

\*WRI = Water Resources Inventory - Pa. Water Supply Commission (one volume)  
\*CBS = Report of Chief of Weather Bureau (continuation of CBS) (1891 - 1930)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Tamaqua (Current name) County: Schuylkill State: Pa. Index No: 36-8758-2 Date prepared: 6/20/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

Chain weight river gage located about 800' NW of location No. 4 at elevation 788.99 ft. Went by stream NW-SSE. Water Resources Inventory - Pa. Water Supply Commission (one volume). Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895). River gage observations and reports discontinued 4/1/54.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Tamarock 25 Fire Tower (Current name) County: Clinton State: Pa. Index No: 36-8770-7 Date prepared: 6/20/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

Reports during the summer season (approx May through September) are not received from this station because it is at Kettle Creek Park.

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UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Tamaqua (near) (Current name) County: Schuylkill State: Pa. Index No: - Date prepared: 1/28/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

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UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Taramon (Current name) County: Allegheny State: Pa. Index No: - Date prepared: 3/27/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume) ST - Smithsonian Institution (1850 - 1865) SIA - Pa Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Tamaqua h N Dam (Current name) County: Schuylkill State: Pa. Index No: 36-8863-2 Date prepared: 6/20/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.

(1) RRnG installed at site of SRG 8/27/37

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UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Thornhurst 1 NW (Current name) County: Lackawanna State: Pa. Index No: 36-8839-2 Date prepared: 10/1/53

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Rows 1st-6th.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Rows 1st-6th.



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WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Tidioute County Warren State Pa. Index No. - Date prepared 3/22/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41° 11' 40" N	79° 28' 44" W		1135	Unknown	-	Tidioute	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG, DT	U.	WRI* SIA**	Sept 1885 Nov 1885	Sept 1885-Nov 1885 Louis Porterfield	
2nd						
3rd						
4th						
5th						
6th						

\* WRI - Water Resources Inventory -- Penna. Water Supply Commission (one volume)  
\*\* SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)

WB Form 530-1

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WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Tipton County Blair State Pa. Index No. - Date prepared 3/22/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 38'	78° 18'		915	Unknown	-	Tipton	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG, DT	U.	WRI *	Mar 1889 Dec 1890	Mar 1889 - Dec 1890 Cora Wilson	
2nd						
3rd						
4th						
5th						
6th						

\* WRI - Water Resources Inventory -- Penna. Water Supply Commission (one volume)

WB Form 530-1

XX  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Tioga County Tioga State Pa. Index No. - Date prepared 3/22/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41° 54'	77° 07'		1000	Unknown	-	Tioga	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG, DT	U.	WRI* SIA# SIS‡	July 1863 Mar 1879	July 1863 - Mar 1879 E. T. Bentley	
2nd						
3rd						
4th						
5th						
6th						

\* WRI - Water Resources Inventory -- Penna. Water Supply Commission (one volume)  
# SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
‡ SI - Smithsonian Institution (1850 - 1865)

WB Form 530-1

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WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Titusville 2 S County Yenango State Pa. Index No. 36-8880 Date prepared 1/10/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41° 35' 57"	77° 40' 31" W		1525	2.0 mi S	-	Titusville/ 2 S	Ovr sod. Trees 35' high immediately S of instruments. Terrain stnous *
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	S, PSY SRG, CRS, Hx, Mn	U.	NWRC CD	Aug 31, 1943 Jul 8, 1954	Aug 1943 - July 1954 Arthur M. Stokes	Airway obs. 8/31/43 - 2/6/51 A, Pcy discontinued 2/6/51
2nd						
3rd						
4th						
5th						
6th						

\* and wooded.

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Tionesta 2 SE Dam County Forest State Pa. Index No. 36-8873-0 Date prepared 6/21/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41° 29'	79° 27'		1100	Unknown		Tionesta	Ovr sod, no bligs or trees within 50' country generally rolling, sta near E*
2nd	41° 29'	79° 27'		1100	Unknown		Tionesta	Unknown
3rd	41° 28'	79° 26'		1200	1.5 mi SSE	Unknown	Tionesta Dam	Ovr sod in open field; country generally rolling.
4th	41° 28' 34"	79° 26' 12"		1200	1.5 mi SSE	Unknown	Tionesta 2 SE Dam	Ovr sod on level grassy lawn; control tower 200' SW. Rolling terrain.
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG DT	NWRC	CWB CD	3-1-1921 9-1923	3-1-1921/9-1923 J. R. Clark	
2nd	SRG DT	NWRC	CWB CD	11-1-1927 7-12-1928	11-1-1927/7-12-1928 Malcolm Patches	
3rd	SRG RRNG	NWRC	HB CD	6-25-1939 11-2-1940	6-25-1939/11-2-1940 U. S. Engineers	
4th	SRG CRS RRNG Hx Mn	NWRC	HB CD HPD	11-3-1940	11-3-1940/ U. S. Engineers	CRS Hx Mn added 10/12/43.
5th						
6th						

\* bank Allegheny River.  
Previous precipitation by Robert L. Haelet at elevation 1058 off and on from January 1888 through July 1890.  
Published in "PSM" and "WRI". No other information available.

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Titusville County Crawford State Pa. Index No. 36-8885-0 Date prepared 6/21/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation msl	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41° 37' 33"	79° 40' 32"		1200	0.1 mi W		Titusville	Ovr sod 50' N of obs. house. Terrain level and thinly wooded in residential area.
2nd	41° 37' 31"	79° 40' 25"		1200	0.1 mi S	0.2 mi SE	Titusville	Ovr sod & 10' from a 9' wire fence in rear of Par. Ets. Exposure good.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG CRS Hx Mn	NWRC	CD	9-1-33 8-31-38	9-1-33/8-31-38 Robert A. McKie	
2nd	RRNG	NWRC	HB CD HPD	9-29-37	9-29-37 Citizens Light Co. becoming Penna. Elec. Co. by 1947	
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WNAS, Harrisburg, Pa.

Station Titusville Water Works County Crawford State Pa. Index No. 36-8888-0 Date prepared 6/21/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 41°37'55" 79°41'52", 1220, 1.2 mi NW Titusville, Titusville Water Works, Over sod in open area; terrain level valley and thinly wooded.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG CRS Mx Mn NWRC CD, 7-5-1954, 7-9-54, City of Titusville.

CH411c

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WNAS, Harrisburg, Pa.

Station Tower City County Schuylkill State Pa. Index No. 36-8908 Date prepared 1/10/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40°35'25" 76°33'30", 860, 0.3 mi NE, Tower City, Over sod 150 ft E of RR station. In broad valley oriented NE-SE.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, Mx Mn, CRS, SRG NWRC CD, Aug 1, 1949 - Feb 7, 1951, William Netherwood, Equipment relocated at Williamstown 1 NE (36-9742).

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WBO, Pittsburgh, Pa.

Station Torpedo 4 W County Warren State Pa. Index No. 36-8901-0 Date prepared 5/30/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 41°47'01" 79°32'02", 1735, 3.6 mi W, Torpedo 4 W, Over sod approx 50' from obs. base on slightly rolling grd on top of plateau, surrounding terrain stony & wooded.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG NWRC CD, 7/1/51, 9-1-51 / Mrs. Lilly B. Barber, Sta established 9/1/51 as a rainfall (river) reporting station.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WNAS, Harrisburg, Pa.

Station Tower City 5 SW County Dauphin State Pa. Index No. 36-8910-4 Date prepared 6/20/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40°31'25" 76°37'10", 745, 5 mi SW/Tower City, Clark's Valley\* Tower City 5 SW\*\* Over sod in open field; 39' W of nearest bldg; terrain is hilly.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG NWRC CD, 9-28-37, 9-28-37 / Harrisburg Water Dept.

\* Through 1948. \*\* 1949 to date

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WNAS, Harrisburg, Pa.

Station Towanda County Bradford State Pa. Index No. 36-8905-6 Date prepared 6/21/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 41°45'52" 76°26'03", 754, 0.9 mi E, Towanda, Over sod 45' NE of obs. res. in river valley; terrain hilly.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, Mx Mn CRS SRG NWRC CD DRS, 10-1894, 10-1894/3-9-1933, RRG installed 8/5/37.

\* Unofficial fragmentary temp. and precip. record Jan. 1861 - Sept. 1861.

CH411c

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WNAS, Harrisburg, Pa.

Station Trafford County Westmoreland State Pa. Index No. - Date prepared 3/22/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 1st, 40° 23' 79° 45', 800, Unknown, Trafford U.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Row 1: 1st, SRG U. WSO\*, July 13, 1914 - Aug 1915, A. Hackenbery.



WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station **Transfer** County **Mercer** State **Pa.** Index No. - Date prepared **3/22/57**

Location (a)	Latitude (b)			Sec. Twp. Rng. (d)	Elevation (e)	Direction and distance from Post Office (f)		Prev. Location (g)	Station known as (h)	Description of exposure (i)
	(b1)	(b2)	(b3)			(f1)	(f2)			
1st	41° 20'	80° 26'			1020	Unknown	-		Transfer	U.
2nd										
3rd										
4th										
5th										
6th										

(Con't)	Instruments used (a)	Original located (b)	Record (c)		Dates 1st and last observations (f)	Observers and Dates (g)	Remarks (h)
			Where published (k)	Where published (l)			
1st	SRG	U.	SIA* WRI**		Feb 4, 1914 Dec 31, 1919	Feb 1914-Dec 1917 Hasson Polley	Jan 1918 - Jan 1920 Helen Polley
2nd							
3rd							
4th							
5th							
6th							

\* SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
\*\* WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station **Troy** County **Bradford** State **Pa.** Index No. **36-8929-6** Date prepared **6/21/56**

Location (a)	Latitude (b)			Sec. Twp. Rng. (d)	Elevation (e)	Direction and distance from Post Office (f)		Prev. Location (g)	Station known as (h)	Description of exposure (i)
	(b1)	(b2)	(b3)			(f1)	(f2)			
1st	41° 24'	76° 54'			1154	Unknown			Troy	Unknown
2nd	41° 47' 10"	76° 47' 10"			1100	75 ft. SE			Unknown	Over sod 22' SW of obs. house; rolling highlands. Sta in valley.
3rd	41° 47' 10"	76° 47' 10"			1100	110 ft. SE			35 ft. SE	Over sod 40' S of obs house; rolling highlands. Sta in valley.
4th										
5th										
6th										

(Con't)	Instruments used (a)	Original located (b)	Record (c)		Dates 1st and last observations (f)	Observers and Dates (g)	Remarks (h)
			Where published (k)	Where published (l)			
1st	DT SRG	Unknown	CHW* SIA* WRI#		12-1883 12-1891 5-24-1951	12-1883/9-1885 Rev. Dwight W. Smith 5-24-1951/5-5-1953	10-1885/12-1891 M. Gustin Records incomplete
2nd	SRG	NWRC	CD		5-5-1953	Mrs. Jennie L. Ballard	
3rd	SRG	NWRC	CD		5-5-1953	Mrs. Jennie L. Ballard	
4th							
5th							
6th							

\* Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895).  
# Water Resources Inventory - Pa. Water Supply Commission (one volume).  
% Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930).

WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station **Trappe** County **Montgomery** State **Pa.** Index No. - Date prepared **3/22/57**

Location (a)	Latitude (b)			Sec. Twp. Rng. (d)	Elevation (e)	Direction and distance from Post Office (f)		Prev. Location (g)	Station known as (h)	Description of exposure (i)
	(b1)	(b2)	(b3)			(f1)	(f2)			
1st	40° 12'	75° 27'			290	Unknown	-		Trappe	U.
2nd										
3rd										
4th										
5th										
6th										

(Con't)	Instruments used (a)	Original located (b)	Record (c)		Dates 1st and last observations (f)	Observers and Dates (g)	Remarks (h)
			Where published (k)	Where published (l)			
1st	SRG, DT	U.	SI*		Apr 1849	J. Cleveal Miller	
2nd							
3rd							
4th							
5th							
6th							

\* SI - Smithsonian Institution (1850 - 1865)

WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station **Tunkannock 1 S** County **Wyoming** State **Pa.** Index No. **36-8982** Date prepared **1/24/57**

Location (a)	Latitude (b)			Sec. Twp. Rng. (d)	Elevation (e)	Direction and distance from Post Office (f)		Prev. Location (g)	Station known as (h)	Description of exposure (i)
	(b1)	(b2)	(b3)			(f1)	(f2)			
1st	41° 32'	75° 57'			625	100 ft E			1 S Tunkannock/	In Observer's garden. Westrest bldg. 25' S. Surrounding terrain hilly. On level land in open field. Sur. terrain hilly and wooded.
2nd	41° 31'	75° 57'			625	1 mile S			1 mi S Tunkannock	Sur. 65' E of obs. about U.S. Mt SW of river. Sur. terrain mtnous.
3rd	41° 31' 40"	75° 56' 55"			639	1.0 mi SW			0.8 mi NW Tunkannock 1 S	
4th										
5th										
6th										

(Con't)	Instruments used (a)	Original located (b)	Record (c)		Dates 1st and last observations (f)	Observers and Dates (g)	Remarks (h)
			Where published (k)	Where published (l)			
1st	RRNG	NWRC	CD, HB**		Nov 26, 1941 Jan 14, 1946	11/26/41-1/13/46 - Charles Dietrich Jr. - Jan 1946 - Jul 1946	4/21/42-1/15/46 John Collisoy
2nd	RRNG	NWRC	CD, HB		Jul 15, 1946	William Shafer Jr.	
3rd	RRNG, Jk, Mn, GRS	NWRC	CD, HB		Jul 16, 1946 Apr 12, 1949	Jul 1946 - Apr 1949 J. B. Chambers	Moved to Dixon Apr 20, 1949.
4th							
5th							
6th							

\* and wooded.  
\*\* HB - Hydrologic Bulletin (1939 - 1948)

WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station **Tremont** County **Schuylkill** State **Pa.** Index No. - Date prepared **3/21/57**

Location (a)	Latitude (b)			Sec. Twp. Rng. (d)	Elevation (e)	Direction and distance from Post Office (f)		Prev. Location (g)	Station known as (h)	Description of exposure (i)
	(b1)	(b2)	(b3)			(f1)	(f2)			
1st	40° 38'	76° 23'			762	Unknown	-		Tremont	U.
2nd										
3rd										
4th										
5th										
6th										

(Con't)	Instruments used (a)	Original located (b)	Record (c)		Dates 1st and last observations (f)	Observers and Dates (g)	Remarks (h)
			Where published (k)	Where published (l)			
1st	SRG	U.	WRI*		Jan 1900 Sept 1911	Jan 1900 - Sept 1911 observer unknown	
2nd							
3rd							
4th							
5th							
6th							

\* WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)

WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station **Tunnelton** County **Indiana** State **Penna.** Index No. **36-8989-9** Date prepared **6/25/56**

Location (a)	Latitude (b)			Sec. Twp. Rng. (d)	Elevation (e)	Direction and distance from Post Office (f)		Prev. Location (g)	Station known as (h)	Description of exposure (i)
	(b1)	(b2)	(b3)			(f1)	(f2)			
1st	40° 27' 30"	79° 23' 15"			910	1.2 miles E Tunnelton			Tunnelton	Over sod Terrain is mountainous and wooded
2nd	40° 27' 23"	79° 23' 24"			890	0.3 mile ESE Tunnelton			1.0 mi west Tunnelton	Over level grd in open yard Terrain is hilly and wooded
3rd										
4th										
5th										
6th										

(Con't)	Instruments used (a)	Original located (b)	Record (c)		Dates 1st and last observations (f)	Observers and Dates (g)	Remarks (h)
			Where published (k)	Where published (l)			
1st	RRNG	NWRC	HB # CD HB		Jun 21, 1940 Dec 6, 1940 Dec 6, 1940	6/21/40-12/6/40 William D. Weimer	
2nd	RRNG	NWRC	CD HPD		12/6/40-6/30/43	William D. Weimer - Mrs. Mary E. Weimer	7/1/43-to date
3rd							
4th							
5th							
6th							

# HB - Hydrologic Bulletin (1939 - 1948)

Y X  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Turnerville County Crawford State Pa. Index No. - Date prepared 3/22/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41° 31'	80° 29'		1045	3.0 mi NW of PO Jennettown, Pa.		<u>Turnerville</u>	Over sod on level ground. Terrain hilly.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st						
1st	SRG	NWRC	BW* CB, CMBW WRI* WSCS	Mar 1912 Jul 1923	Mar 1912 - Jul 1923 S. A. Marvin	No record Jan 1917 - Dec 1919.
2nd						
3rd						
4th						
5th						
6th						

\* BW - USND Climatological Data Summaries, BULLETIN W - Summaries to 1930  
 & CMB - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)  
 † WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)  
 ‡ WSCS - Reports of Penna. Water Supply Commission (1915 - 1920)

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Tyrone & NE Bald Eagle County Blair State Pa. Index No. 36-9024-8 Date prepared 6/25/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 42' 17"	78° 11' 24"		1080	4.7 mi NE Tyrone		<u>Bald Eagle</u>	Over sod 200' W of nearest object.
2nd	40° 42' 14"	78° 12' 20"		1020	3.5 mi NE Tyrone		<u>Bald Eagle</u>	Slight up slope & forest to W of page. Tyrone & NE Bald Eagle Over sod 50' NE of obs. home. Sta in level valley with ridge to S and N.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st						
1st	RRG	NWRC	HB CD	8-19-37 5-19-49	John H. Friday 8-19-37/4-24-46 Frederick L. Friday 4-25-46/5-19-49	
2nd	RRG SRG	N WRC	HPD CD	5-19-49	Frederick L. Friday	
3rd						
4th						
5th						
6th						

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Turtlepoint & NE County McKean State Pa. Index No. 36-9002-0 Date prepared 6/25/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41° 54' 09"	78° 15' 45"		1715	4.5 mi NE		<u>Turtlepoint &amp; NE</u>	Over sod in open area in cultivated valley. Surrounding terrain is hilly and heavily wooded.
2nd	41° 53' 54"	78° 16' 25"		1640	3.9 mi NE		<u>Turtlepoint &amp; NE</u>	Over sod in open area in cultivated valley. Surrounding terrain hilly - * heavily wooded.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st						
1st	SRG	NWRC	CD	10-1-51 10-9-53 10-10-53	10-1-51/10-9-53 Mrs. Ruth G. Murphy	
2nd	SRG	NWRC	CD		10-10-53/ Robert D. Strait	
3rd						
4th						
5th						
6th						

\* heavily wooded.

Y X  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Union Canal County Lebanon State Pa. Index No. - Date prepared 3/27/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 20'	76° 30'		420	Unknown		<u>Union Canal</u>	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st						
1st	DT	U.	SIA*	1835	1848	U.
2nd						
3rd						
4th						
5th						
6th						

\* SIA - Penna. Secretary of Internal Affairs (Tabulations to 1837, Summaries to 1895)

Y Y  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Tuscarora County Schuylkill State Pa. Index No. - Date prepared 3/22/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 16'	76° 02'		1000	Unknown		<u>Tuscarora</u>	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st						
1st	SRG, DT	U.	U.	Feb 1889 Jul 1890	Feb 1889-Jul 1890 R. J. Mickey	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

Y Y  
WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Union City County Erie State Pa. Index No. - Date prepared 3/27/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	U.	U.		1200	Unknown		<u>Union City</u>	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st						
1st	SRG	U.	WRI*	Dec 29, 1913 Aug 31, 1916	Dec 1913 - Dec 1916 A. G. Buller	
2nd						
3rd						
4th						
5th						
6th						

\* WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)



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SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Union City 1 W County Erie State Pa. Index No. 36-9041 Date prepared 1/24/57

Location	Latitude			Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
	(a)	(b)	(c)			Post Office	Prev. Location		
1st	41°53'50"	79°51'55"			1280	1.1 mi W		Union City	Ovr sod 80' SW of bldg. Terrain hilly and wooded.
2nd	41°53'58"	79°51'35"			1240	0.8 mi W	0.3 mi ENE	Union City 1 W	Ovr sod near settling tank of disposal plant. Terrain
3rd									
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	RRNG	NWRC	CD	Oct 22, 1937 Jun 9, 1949	Oct 1937 - June 1949 G. G. Whitford	
2nd	RRNG	NWRC	CD	Jun 10, 1949 Feb 27, 1950	Jun 1949 - Feb 1950 Mrs. Inez Bisbee	
3rd						
4th						
5th						
6th						

WB Form 530-1

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WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Uniontown 3 E County Fayette State Pa. Index No. - Date prepared 3/22/57

Location	Latitude			Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
	(a)	(b)	(c)			Post Office	Prev. Location		
1st	39°53'15"	79°40'25"			1050	Unknown		Uniontown 3E	U.
2nd									
3rd									
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	U.	U.	U.	U.	Uniontown Water Co.
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

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WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Union City County Erie State Pa. Index No. 36-9042-0 Date prepared 4/30/56

Location	Latitude			Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
	(a)	(b)	(c)			Post Office	Prev. Location		
1st	41°53'15"	79°51'55"			1280	1.2 mi W		Union City	Exposure excellent, eqpt on level ground at Power Plant.
2nd	41°53'15"	79°51'35"			1240	0.8 mi W	1.2 mi W	Union City 1 W	Exp. excellent, RRD in open area at Swg. Disposal Pit, 4" gage at obs home
3rd	41°52'02"	79°48'30"			1460	2.9 mi SSE	0.8 mi W	Union City 3 SE	Exp. excellent, eqpt located at side of obs home in open area.
4th	41°54'28"	79°48'15"			1400	1.8 mi ENE	2.9 mi W	Union City SE	Exp. excellent, eqpt located in open area at Filtration Plant.
5th	41°53'33"	79°50'23"			1325	0.5 mi SSE	1.8 mi ENE	Union City	Exp. excellent, eqpt located on knoll at site of obs home at cemetery.
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	RRNG	NWRC	CD	10-22-37 6-9-49	10-22-37/6-9-49 G. G. Whitford	* Installed 10-22-37 - Paid 10-16-46/6-9-49. Obs used recorder for reports.
2nd	SRG (4" Plastic)	NWRC	CD	6-10-49	6-10-49/3-8-50 Inez P. Bisbee	Plastic gage installed to assist obs. to make more accurate reports.
3rd	SRG (4" Plastic)	NWRC	CD HPD	3-9-50	3-9-50/3-15-50 Barrie Wilson	Miles E. Dean - Substitute Observer
4th	SRG (4" Plastic)	NWRC	CD HPD	5-16-53	5-16-53/6-30-55 David M. Henry	5-16-53/6-
5th	SRG (4" Plastic)	NWRC	CD HPD	7-16-55	7-16-55/8-4-55 Erna M. Cooper	7-16-55/8-4-55
6th					8-4-55 - 1/7/58 Forrest N. Braloy	1/7/58 George D. Harriman

\* Property of Pa. Dept. of Forests & Waters - FSFFS program.

WB Form 530-1

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SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Upper Lehigh County Luzerne State Pa. Index No. - Date prepared 3/22/57

Location	Latitude			Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
	(a)	(b)	(c)			Post Office	Prev. Location		
1st	41° 05'	75° 55'			1850	Unknown		Upper Lehigh	U.
2nd									
3rd									
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, DT	U.	U.	May 1875 Jul 1885	May 1875 - Jul 1885 Thomas Meys	No record Aug 1875 - Apr 1885
2nd						
3rd						
4th						
5th						
6th						

\* SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
\*\* WRI - Water Resources Inventory -- Penna. Water Supply Commission (one volume)

WB Form 530-1

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WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Uniontown County Fayette State Pa. Index No. 36-9050-9 Date prepared 6/25/56

Location	Latitude			Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
	(a)	(b)	(c)			Post Office	Prev. Location		
1st	39°54'	79°44'			1100	0.1 mi S		Uniontown	On level ground 35' from any bldg; terrain is generally level.
2nd	39°53'50"	79°43'45"			1040	0.5 mi S	0.4 mi SSE	Uniontown	Ovr sod 30' E of obs. house; terrain is rolling and thinly wooded.
3rd									
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG CRS Mx Mn	NWRC	BM	1-1-1888 3-31-1915	1-1-1888/3-31-1915 William Hunt	8 East Church St.
2nd	SRG CRS Mx Mn	NWRC	BM	9-1-1915	9-1-1915/ William W. Marsteller	49 Bremer Ave
3rd						
4th						
5th						
6th						

\* WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
FSW - Pa. State Weather Service, Monthly Summaries (1887 - 1895)  
CWB - Report of Chief of Weather Bureau (continuation of OSO) (1891 - 1930)

WB Form 530-1

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WB Form 530-1 CHA:lc UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Upper Darby County Delaware State Pa. Index No. 36-9074-3 Date prepared 6/22/56

Location	Latitude			Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
	(a)	(b)	(c)			Post Office	Prev. Location		
1st	39°57'13"	75°16'15"			244	0.9 mi W		Phila	Ovr sod in open area; flat terrain.
2nd	39°58'05"	75°17'55"			225	1.8 mi W	1 mi W	Upper Darby	Ovr sod in open area; flat terrain.
3rd	39°58'03"	75°17'55"			222	1.8 mi W	155 ft. SSE	Upper Darby	Ovr sod 75' SW of 2-story bldg., residential area; terrain rolling.
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG CRS Mx Mn	NWRC	CD	3-28-49 3-1-50	3-28-49/3-1-50 H. Fred McIntyre	
2nd	SRG CRS Mx Mn	NWRC	CD	4-22-52	4-22-52 Phila Suburban Transportation Co. (employees)	
3rd	SRG CRS Mx Mn	NWRC	CD	4-22-52	4-22-52 Phila Suburban Transportation Co. (employees)	
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Utica, County: Venango, State: Pa., Index No.: 36-9099-0, Date prepared: 6/22/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th entries.

\* wooded and hilly # heavily wooded.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Valley Forge, County: Montgomery, State: Pa., Index No.: -, Date prepared: 3/22/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th entries.

\* SI - Smithsonian Institution (1850 - 1865)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Van, County: Venango, State: Pa., Index No.: -, Date prepared: 3/22/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th entries.

CHALIC

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Vandergrift, County: Westmoreland, State: Pa., Index No.: -, Date prepared: 1/25/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th entries.

\* WRI - Water Resources Inventory -- Penna. Water Supply Commission (one volume) #WM - USWB Climatological Data Summaries, BULLETIN W - summaries to 1930 #CWB - Report of Chief of Weather Bureau (continuation of C80) (1891 - 1930) \*\*Other observers: 4/1924-12/1925 - R. E. Seyler 1/1926-5/1936 - H. R. Beiding

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBO, Pittsburgh, Pa.

Station: Vandergrift, County: Westmoreland, State: Pa., Index No.: 36-9128-9, Date prepared: 4/30/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th entries.

\* William S. Wiensky 12-1-39/5-31-44, Francis Gagen 6-1-44/ Paid River & Rainfall extra reports only began 12/1/39. Note: Station originally established as a River Station Nov. 1, 1915 and discontinued 9/30/36 at a site 2/3 of a mile downstream from present location.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Vandergrift 2 W, County: Westmoreland, State: Pa., Index No.: 36-9133-9, Date prepared: 6/25/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st, 2nd, 3rd, 4th, 5th, 6th entries.



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Virginville County Berks State Pa. Index No. 36-9196-2 Date prepared 6/22/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, and 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st, 2nd, 3rd, 4th, 5th, and 6th observations.

\* higher than station. Hilly.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Warren County Warren State Pennsylvania Index No. 32 9298 0 Date prepared 6/26/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st through 6th observations.

\* FWS - Pa. State Weather Service, Monthly Summaries (1887 - 1895) WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume) CWB - Report of Chief of Weather Bureau (continuation of GSO) (1891 - 1930)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Yovinkel County Clarion State Pa. Index No. 36-9206-0 Date prepared 6/22/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, and 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st, 2nd, 3rd, 4th, 5th, and 6th observations.

\* is heavily wooded and mountainous.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Warren County Warren State Pa. Index No. 36-9298-0 Date prepared 6/26/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st through 6th observations.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Yovinkel 1 MSW County Clarion State Pa. Index No. 36-9209-0 Date prepared 6/22/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st, 2nd, 3rd, 4th, 5th, and 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st, 2nd, 3rd, 4th, 5th, and 6th observations.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Warren Point County Franklin State Pa. Index No. - Date prepared 3/22/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Includes data for 1st through 6th locations.

Table with columns: (Con't), Instruments used, Original located, Where published, Dates 1st and last observations, Observers and Dates, Remarks. Includes data for 1st through 6th observations.

\* CWB - Report of Chief of Weather Bureau (continuation of GSO) (1891 - 1930)

Y Y  
WB Form 530-1 CHARLE UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Warriors Mark County Huntingdon State Pa. Index No. - Date prepared 3/22/57

Loca- tion	Latitude (a)	Longitude (b)	Sec. Twp. Rng. (c)	Elevation and (d)	Direction and distance from Post Office (e)	Prev. Location (f)	Station known as (g)	Description of exposure (h)
1st	40° 43'	78° 07'		1090	U.		Warriors Mark	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, DT	U.	WRI SIA# SI#	Mar 1854 Jul 1854	Mar 1854 - Jul 1854 J. R. Lourie	
2nd						
3rd						
4th						
5th						
6th						

\* WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)  
# SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
§ SI - Smithsonian Institution (1850 - 1865)

WB Form 530-1

WB Form 530-1 CHARLE UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Matres Reservoir County Lackawanna State Pa. Index No. - Date prepared 3/25/57

Loca- tion	Latitude (a)	Longitude (b)	Sec. Twp. Rng. (c)	Elevation and (d)	Direction and distance from Post Office (e)	Prev. Location (f)	Station known as (g)	Description of exposure (h)
1st	41° 18'	75° 37'		1430	6.1 mi SW of PO at Moscow, Pa.		Matres Reservoir	In N-S valley about 100' W of reservoir.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	At water Co.	Not published	Jan 1943 To	Jan 1943 - To Scranton Spring Brook Water Co.	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Washington County Washington State Pa. Index No. 36-9312-9 Date prepared 6/26/56

Loca- tion	Latitude (a)	Longitude (b)	Sec. Twp. Rng. (c)	Elevation and (d)	Direction and distance from Post Office (e)	Prev. Location (f)	Station known as (g)	Description of exposure (h)
1st	40° 10'	80° 16'		1078	Unknown		Washington	Unknown
2nd	40° 10'	80° 15'		1024	2.0 mi NE	Unknown	Washington	Ovr sod on level ground; terrain rolling.
3rd	40° 10' 50"	80° 14' 20"		1200	0.8 mi N	Unknown	Washington	Ovr sod 45' SW of a 30' office bldg; terrain rolling & thinly wooded.
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG DT	Unknown	PSW WRI SIA	1-1888 4-1888 11-15-16	1-1885/4-1888 Harrison Gray Otis 11-15-16/3-31-29	Record incomplete.
2nd	Mx Mh CBS SRG	NWRC	CWB CD	3-31-29 12-13-37	Gerritt S. Buchanan 12-13-37	
3rd	NRSG	NWRC	HR CD HPD	12-13-37	Pa. Dept. of Highways	
4th						
5th						
6th						

Early precip and Temp record by Alfred Creigh, July 1849 through September 1849. No other information available.  
\* PSW - Pa. State Weather Service, Monthly Summaries (1887 - 1895)  
WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
SIA - PA. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895).

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WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Matrons GS (Lee Fire Tower) County Tioga State Pa. Index No. 36-9340 Date prepared 1/25/57

Loca- tion	Latitude (a)	Longitude (b)	Sec. Twp. Rng. (c)	Elevation and (d)	Direction and distance from Post Office (e)	Prev. Location (f)	Station known as (g)	Description of exposure (h)
1st	41° 37' 12"	77° 32' 42"		2425			Matrons GS Tower (Lee Fire Tower)	Terrain mountainous & wooded.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	GD	6-11-43 9-30-49	6/1943 - 9/1949 Raymond Cole	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

Y Y  
WB Form 530-1 CHARLE UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Waterville County Lycoming State Pa. Index No. - Date prepared 3/22/57

Loca- tion	Latitude (a)	Longitude (b)	Sec. Twp. Rng. (c)	Elevation and (d)	Direction and distance from Post Office (e)	Prev. Location (f)	Station known as (g)	Description of exposure (h)
1st	41° 38' 28"	77° 21' 40"		624	U.		Waterville	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG, NR1G	NWRC	GD WRI# CWB#	Jul 1914 Nov 1920	Jul 1914 - Nov 1920 Robert Myers	
2nd						
3rd						
4th						
5th						
6th						

\* WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)  
# CWB - Report of Chief of Weather Bureau (continuation of CSR) (1891 - 1930)

WB Form 530-1

WB Form 530-1 UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Watsontown County Northumberland State Pa. Index No. 36-9345-5 Date prepared 6/22/56

Loca- tion	Latitude (a)	Longitude (b)	Sec. Twp. Rng. (c)	Elevation and (d)	Direction and distance from Post Office (e)	Prev. Location (f)	Station known as (g)	Description of exposure (h)
1st	41° 05' 25"	76° 51' 55"		490	1/8 mi NW		Watsontown	Ovr sod in obs. back yard; terrain flat.
2nd	41° 04' 15"	76° 51' 55"		470	0.3 mi S	0.5 mi S	Watsontown	Ovr sod 57' W of obs. gas station; terrain flat.
3rd	41° 05' 05"	76° 51' 54"		470	1 block W	0.4 mi W	Watsontown	Ovr sod 26' W of obs house; flat terrain all directions.
4th	41° 05' 76	76 52		490	.7 mile NNW PO	40 MI NNW	Watsontown	Flat terrain
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	GD	2-1-48 11-14-50	2-1-48/11-14-50 William H. Bird	
2nd	SRG	NWRC	GD	11-15-50 12-31-54	11-15-50/12-31-54 Jerome G. Paulmann	
3rd	SRG	NWRC	GD	4-5-55 11/7/56	4-5-55/11/7/56 Owen Beckenstook	
4th	SRG	NWRC	GD	11/15/56	11/15/56 - William Ird	
5th						
6th						

WB Form 530-1



XI  
WB Form 530-1

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Waynesboro #1** County **Franklin** State **Pa.** Index No. **-** Date prepared **3/22/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. Location			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1st	39° 46'	77° 28'		1500	6.0 mi E.	-	Waynesboro #1-0	U.	
2nd	39° 47'	77° 36'		630	2.0 mi N		Waynesboro #2	U.	
3rd									
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG, DT	U.	SI *	Mar 1852 Dec 1853	Mar 1852 - Dec 1853 David Eyles	
2nd	RRNG	NWRC	HB #	Mar 1940 Jun 1941	Mar 1940 - Jun 1941 Soil Conservation Service	
3rd						
4th						
5th						
6th						

\* SI - Smithsonian Institution (1850 - 1865)  
# HB - Hydrologic Bulletin (1939 - 1948)

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Waynesboro #2** County **Franklin** State **Pa.** Index No. **-** Date prepared **3/22/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. Location			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	
1st	39° 47'	77° 30'		840	4.9 mi ENE	-	Waynesboro #2	U.	
2nd									
3rd									
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	RRNG	NWRC	HB*	Mar 1940 Jun 1941	Mar 1940 - June 1941 Soil Conservation Service	
2nd						
3rd						
4th						
5th						
6th						

\* Hydrologic Bulletin (1939 - 1948)

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Waynesburg** County **Greene** State **Pa.** Index No. **-** Date prepared **3/21/57**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. Location			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	
1st	U.	U.		750	U.	-	Waynesburg	U.	
2nd									
3rd									
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	U.	MRI*	Jan 1890 Sept 1890	Jan 1890 - Sept 1890 M. C. Kimber	
2nd						
3rd						
4th						
5th						
6th						

\* MRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Waynesburg 1 E** County **Greene** State **Pennsylvania** Index No. **36-9367-9** Date prepared **June 22, 1956**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. Location			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	
1st	39° 49' 20"	80° 12' 40"		976	1.5 mi. NW		Waynesburg (near)		Over sod; excellent exposure wooded and hilly terrain
2nd	39° 53' 56"	80° 09' 50"		940	1.5 mile East		Waynesburg 1 E		On level grd. 100' N of pump house 10' hi. Imm. area rolling & wooded
3rd									
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	RRNG	NWRC	CD	Sept 17, '37 Sept 25, 1941 Sept 26, 1941 6/30/56	9/17/37-9/25/41 Waynesburg Water Co. 9/25/41-6/30/56 Sewage Disposal Plant	7/1/56 - Borough of Waynesburg
2nd	RRNG	NWRC	CD HPD			
3rd						
4th						
5th						
6th						

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WEO, Pittsburgh, Pa.**

Station **Waynesburg 2 W** County **Greene** State **Pa.** Index No. **36-9362-9** Date prepared **5/14/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. Location			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	
1st	39° 54' 13"	80° 11' 27"		1135	0.5 mi NNW		Waynesburg		Exposure good, eqpt located on grassy land, rear of obs. home.
2nd	39° 53' 47"	80° 13' 15"		980	2.0 mi W		Waynesburg 2 W		Exposure excellent, eqpt located on grassy level land near Power Plant.
3rd									
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG CRS Mk Ma	NWRC	CD	5-1931 5-7-47 5-9-47	6-1931/5-7-47 Thomas S. Knox 5-9-47	Paid rainfall (river) services began 11/1/46.
2nd	SRG CRS Mk Ma	NWRC	CD		Ralph L. Amos	Samuel B. Greenlee, Sub. obs.
3rd						
4th						
5th						
6th						

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form **WBAS, Harrisburg, Pa.**

Station **Webster Mills 3 SW** County **Fulton** State **Pa.** Index No. **36-9380-8** Date prepared **6/22/56**

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. Location			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	
1st	39° 49' 20"	78° 04' 40"		920	3.5 mi SW		Webster Mills 3 SW		Over sod in field on obs. farm. Mtns E & W approx 300' high, sta in valley.
2nd									
3rd									
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	RRNG	NWRC	HB CD HPD	12-18-39	12-18-39/ William D. Cover	
2nd						
3rd						
4th						
5th						
6th						

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Station Welkert County Union State Pa. Index No. Pa. Date prepared 1/25/57

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. Location			
1st	40° 50'	77° 17'	U.	Unknown			Welkert	U.	Ovr sod in open field on south slope. Terrain hilly to atop.
2nd	40° 51' 31"	77° 17' 46"		728			U.	Welkert	
3rd									
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	CD	Jan 1911 Oct 1918	Jan 1911 - Oct 1918 John Salitzer	
2nd	SRG, RRNG	NWRC	CD	Oct 1918 Nov 1940	Oct 1918 - Nov 1940 David Libby	RRNG installed Aug 20, 1937 and moved to Laurelton State Village 6/25/40.
3rd						
4th						
5th						
6th						

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Station Wellsboro 2 E County Tioga State Pa. Index No. 36-9412-6 Date prepared 6/22/56

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. Location			
1st	41° 44' 56"	77° 15' 39"		1550			Wellsboro 2E		Ovr sod 30' SE Obs barn. Exp. excellent terrain mostly farmland with hills.
2nd									
3rd									
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	RRNG	NWRC	CD HPD	2-8-37	2-8-37 Mrs. Ida S. Maynard	
2nd						
3rd						
4th						
5th						
6th						

\* in the distance all directions.

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Station Wellsboro County Tioga State Pa. Index No. 36-9407 Date prepared 1/9/57

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. Location			
1st	41° 44'	77° 15'		1329			Wellsboro	U.	
2nd	41° 45'	77° 18'		1419			U.	Wellsboro	Ovr sod 1 ft NE of residence. Terrain hilly.
3rd	U.	U.		U.			U.	Wellsboro	U.
4th	U.	U.		U.			U.	Wellsboro	U.
5th	41° 44' 57"	77° 17' 10"		1319			U.	Wellsboro	Ovr sod 33 ft from house. High hills all directions.
6th	41° 44' 46"	77° 16' 53"		1340			U. 3 mi SW	Wellsboro	Ovr sod 20 ft NE of garage in shallow valley.

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	Nx, Mn, CRS, SRG	NWRC	CD	Apr 1879 Oct 1905	Apr 1879 - Oct 1905 Biram Deming	
2nd	Nx, Mn, CRS, SRG	NWRC	CD	Jan 1906 Apr 1907	Jan 1906 - Apr 1907 James C. Harrington	
3rd	Nx, Mn, CRS, SRG	NWRC	CD	Apr 1907 May 1913	Apr 1907 - May 1913 O. L. White	
4th	Nx, Mn, CRS, SRG	NWRC	CD	June 1913 Nov 1914	June 1913 - Nov 1914 John Eaton	
5th	Nx, Mn, CRS, SRG	NWRC	CD	Dec 1914 6/15/1941	Dec 1914 - June 1941 George Hill	
6th	Nx, Mn, CRS, SRG	NWRC	CD, HB	6/16/1941 Sept 19, 50	June 1941 - Sept 1950 Raynard Bliss	

⊕ PSW - Penna. State Weather Service, Monthly Summaries (1887 - 1895)  
\* CWS - Report of Chief of Weather Bureau (continuation of C80) (1891 - 1930)  
# BW - USWB Climatological Data Summaries, BULLETIN W - summaries to 1930  
\$ SIA - Penna. Secretary of Internal Affairs, TABULATIONS to 1887, Summaries to 1895  
% WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)

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SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Wellsville County York State Pa. Index No. 36-9420-4 Date prepared 6/22/56

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. Location			
1st	40° 03' 02"	76° 56' 37"		500			0.1 mi S	Wellsville	Ovr sod on farm at edge of town; Rolling terrain all directions.
2nd									
3rd									
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG CRS Mx Mn	NWRC	CD	9-1-46	9-1-46/ D. D. Hoover	
2nd						
3rd						
4th						
5th						
6th						

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SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Wellsboro 3S County Tioga State Pa. Index No. 36-9408-6 Date prepared 6/22/56

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. Location			
1st	41° 21' 42"	77° 16' 27"		1920			2.8 mi SSE Wellsboro	Wellsboro 3S	Ovr sod 50' S of obs. house; rolling terrain.
2nd									
3rd									
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG CRS Mx Mn	NWRC	CD	9-20-50	9-20-50/ Marion L. Shumway	
2nd						
3rd						
4th						
5th						
6th						

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SUBSTATION HISTORY Office preparing form WBAS, Harrisburg, Pa.

Station Wernersville 1 W County Berks State Pa. Index No. 36-9430-2 Date prepared 6/22/56

Loca- tion	Latitude	Longitude	Sec. Twp. Rng.	Elevation mft	Direction and distance from			Station known as	Description of exposure
					Post Office	Prev. Location			
1st	40° 22' 56"	76° 03' 21"		420			4 mi NE Wernersville	Wernersville	Ovr sod 50' NE of house; rolling terrain all directions.
2nd	40° 19' 55"	76° 04' 40"		400			0.1 mi NE	Wernersville	Ovr sod in obs. yard. Rolling terrain all directions.
3rd	40° 19' 45"	76° 06' 15"		405			1.4 mi W	Wernersville	Ovr sod 125' E of large bldg; flat terrain. Surrounding terrain rolling.
4th									
5th									
6th									

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	CD HB	8-12-37 1-31-43	8-12-37/1-31-43 Milton J. Starnes	
2nd	SRG	NWRC	CD	3-1-43	3-1-43/4-2-51 J. H. Thompson	
3rd	SRG	NWRC	CD	4-2-51 4-17-51	4-17-51/ Charles A. Gruber	
4th						
5th						
6th						

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form WBAS, Harrisburg, Pa.

Station West Bingham County Potter State Pa. Index No. \_\_\_\_\_ Date prepared 11/27/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41° 56'	77° 49'		1780	Unknown		West Bingham	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Original located	Where published	Date 1st and last observations	Observers and Dates	Remarks
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	Mx Mn CRS SRG	NWRC	MRI CWB BM CD	6/5/14 7/31/27	6/5/14 - 7/31/27 Frank Johnson	
2nd						
3rd						
4th						
5th						
6th						

\* MRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
\* CWB - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)

WB Form 530-1

WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form WBAS, Harrisburg, Pa.

Station West Grove 1 E County Chester State Pa. Index No. 36-9503-3 Date prepared 6/22/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	39°49'15"	75°48'50"		440	0.7 mi E		West Grove 1 E	Ovr sod in open area; rolling terrain all directions.
2nd	39°49'15"	75°48'50"		440	0.7 mi E		West Grove 1 E	200' SE of plant bldg in open area adjacent to parking lot.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Original located	Where published	Date 1st and last observations	Observers and Dates	Remarks
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	CD HR CWB*	5-1-27 5-2-55	5-1-27/5-2-55 Conard Pyle Co.	
2nd	SRG	NWRC	CD	5-3-55	5-3-55/ Conard Pyle Co.	
3rd						
4th						
5th						
6th						

\* Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)

WB Form 530-1

WB Form 530-1  
UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form WBAS, Harrisburg, Pa.

Station West Chester County Chester State Pa. Index No. 36-944-3 Date prepared 6/22/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	39°57'	75°25'		461	Unknown		West Chester	Unknown
2nd	39°58'31"	75°35'13"		455	Unknown		West Chester	Ovr brick paving 91 from 1-story bldg; terrain flat to rolling.
3rd	39°58'	75°36'		455	Unknown		West Chester	Ovr sod 40' from residence; terrain flat to rolling.
4th	39°58'	75°36'		455	Unknown		West Chester	Ovr sod 25' from residence; terrain flat to rolling.
5th	39°57'18"	75°36'22"		440	0.3 mi SW		West Chester	Ovr sod in obs. yard; terrain flat to rolling.
6th	39°57'35"	75°36'15"		440	0.1 mi W	0.4 mi NW	West Chester	Ovr sod 25' from Police Hdqrs; terrain flat to rolling.

(Con't)	Instruments used	Original located	Where published	Date 1st and last observations	Observers and Dates	Remarks
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	DT SRG		STIA MRI	1-1883 12-1887	1-1883/12-1887 William Darlington	
2nd	Mx Mn SRG CRS	NWRC	CD	1-1855 6-1920	1-1855/6-1920 Jeanne C. Green	
3rd	Mx Mn SRG CRS	NWRC	CD	4-1921 10-1927	4-1921/10-1927 Arthur M. Bay	
4th	Mx Mn SRG CRS	NWRC	CD	11-1927 2-1936	11-1927/2-1936 Joseph W. Belt	
5th	Mx Mn SRG CRS	NWRC	CD	3-1-36 5-20-55	3-1-36/5-20-55 Clayton E. Saylor	
6th	Mx Mn SRG CRS	NWRC	CD	5-21-55	5-21-55/ Daily Local News	

\* STIA - Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
\* MRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form WBAS, Harrisburg, Pa.

Station West Hickory County Forest State Pa. Index No. 36-9507-0 Date prepared 6/22/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41°34'16"	79°24'32"		1100	0.2 mi N		West Hickory	Ovr sod at rear of obs. home on level ground surrounding terrain hilly.
2nd	41°34'17"	79°24'31"		1090	0.2 mi N	150'	West Hickory	SRG over sod 20' from houses W, S & E. Allagheny Rvr 200' E where BRIG located.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Original located	Where published	Date 1st and last observations	Observers and Dates	Remarks
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG RRIG NRIG	NWRC	CD	3-1-52 11-6-53	3-1-52/11-5-53 Mrs. Margaret Stoddard	
2nd	SRG RRIG NRIG	NWRC	CD	11-6-53	11-6-53/ Mrs. Helen F. Kinneer	
3rd						
4th						
5th						
6th						

WB Form 530-1

SEE PAGE 139 FOR WEST MARLBOROUGH, PENNSYLVANIA

Y Y  
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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form WBAS, Harrisburg, Pa.

Station Westford County Crawford State Pa. Index No. \_\_\_\_\_ Date prepared 1/25/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41°33'26"	80°28'51"		1100	0.1 mi West		Westford	Ovr sod in open area on level ground surrounding terrain rolling & heavily wooded.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Original located	Where published	Date 1st and last observations	Observers and Dates	Remarks
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	CD	11/13/1913 10/31/1940	11/1913 - 11/1938 G. C. Collins	11/1938 - 11/1940 Mrs. Belle Collins
2nd						
3rd						
4th						
5th						
6th						

\* heavily wooded.

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form WBAS, Harrisburg, Pa.

Station West Newton County Westmoreland State Pa. Index No. 36-9555 Date prepared 1/25/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40°12'45"	79°46'00"		771	Unknown		West Newton	Ovr sod 400 ft from river in valley terrain above and wooded
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Original located	Where published	Date 1st and last observations	Observers and Dates	Remarks
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	HB# BM# CWB CD MR# FGM#	Feb 1891 7/31/1948	2/1891 - 7/16/20 L. C. Rodabaugh	7/17/20 - 7/1948 A. B. Adams
2nd						
3rd						
4th						
5th						
6th						

\* HB - Hydrologic Bulletin (1939 - 1948)  
# BM - USWB Climatological Data Summaries, BULLETIN W - Summaries to 1930  
\$ CWB - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)  
& MRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)  
% FGM - Penna. State Weather Service, Monthly Summaries (1887 - 1895)

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form WBAS, Harrisburg, Pa.

Station Westtown County Chester State Pa. Index No. - Date prepared 3/22/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	39° 56'	75° 33'		350	Unknown	-	Westtown	U.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG, DT	NWRC	SIA* WRI*	Aug 1887 Nov 1902	8/1887 - 3/1891 W. F. Wickersham	11/1891 - 1893 T. H. Haines
2nd						
3rd						
4th						
5th						
6th						

\*\* other observers :  
1893 - 2/1894 Harry Alger  
3/1894 - 6/1896 John Carter  
9/1896 - 6/1898 Henry Conrad  
9/1898 - 11/1902 J. W. Hutton  
\* SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
# WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)

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WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form WBAS, Harrisburg, Pa.

Station White Haven County Luzerne State Pa. Index No. - Date prepared 3/25/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 03'	75° 47'		1200	Unknown	-	White Haven	Ovr sod in shallow valley oriented NW-SE on E bank of Lehigh River.
2nd	40° 03' 59"	75° 46' 42"		1240	"	U.	White Haven	Ovr sod at observer's home on top of knoll.
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	WRI, CD, FSW BW, CWB	Mar 1895 Dec 1927 Feb 17, 1928	3/1895 - 4/1889 C. H. Briggs Feb 1945 - Dec 1950	6/1906 - 11/1906 James Heller J. J. Craig
2nd	SRG	U.	U.	Dec 31, 1900	Lehigh Coal & Navigation Co.	
3rd						
4th						
5th						
6th						

\*\* Other observers: 7/1914 - 12/1924 Jane Mallon  
\* WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)  
# FSW - Penna. State Weather Service, Monthly Summaries (1887 - 1895)  
\$ BW - USWB Climatological Data Summaries, BULLETIN W - summaries to 1930  
% CWB - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form WBAS, Harrisburg, Pa.

Station Whitesburg County Armstrong State Pa. Index No. 36-9655-9 Date prepared 6/22/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 41' 30"	75° 23' 15"		1530	8.3 mi SE P.O. Kittanning		Whitesburg	Ovr sod on S slope. Terrain hilly to mountainous and wooded.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	CD	9-22-40	9-22-40/ Corps of Engineers	
2nd						
3rd						
4th						
5th						
6th						

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form WBAS, Harrisburg, Pa.

Station Wilkes Barre (near) County Luzerne State Pa. Index No. - Date prepared January 8, 1958

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41° 12' 35"	75° 53' 48"		1100	Unknown		Wilkes Barre (near)	On NW slope of mtn with higher elevations of 640 ft to SE.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	U.	U.	U.	U.	Penna Power & Light Co.
2nd						
3rd						
4th						
5th						
6th						

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form WBAS, Harrisburg, Pa.

Station Wilkes Barre County Luzerne State Pa. Index No. 36-9702-1 Date prepared 6/26/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41° 11' 40"	75° 19' 15"		513	Unknown	-	Wilkes-Barre	Unknown
2nd	U N K N O W N			515	U N K N O W N	U	"	On roof of 2 story bldg. & N Susquehanna River Valley.
3rd	41° 15'	75° 15'		510	"	U	"	Ovr sod at observer's residence in Susquehanna Valley oriented NE-SW
4th	41° 15'	75° 15'		510	"	U	"	U N K N O W N
5th	41° 15' 21"	75° 52' 02"		610	1.5 NE	U	"	Ovr sod 18' N of observer's residence in river valley - rolling terrain
6th	41° 17' 59"	75° 51' 30"		511	5.1 NE	3.9 NNE	"	At Wilkes Barre Airport No other info available

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG DT Mc. Mn. CRS	NWRC	SIA FSW WRI BW	June 1883 Dec. 1888	June 1883-June 1888 F. B. Hodge	Fragmentary record
2nd	SRG Mc Mn CRS NR10	NWRC	WRI CW B BW	Mar 1910	Mar 1910	
3rd	SRG NR10	NWRC	CD WRI CWB	Mar 1910	Mar 1910-Sep 30, 1917	
4th	SRG NR10	NWRC	CWB BW CB	Oct 1, 1917	Oct 1, 1917-Jan 17, 1931	
5th	SRG NR10	NWRC	CWB BW CB	Jan 16, 1931	Milton Wentz	
6th	SRG NR10	NWRC	CD	Mar 31, 1911	John B. Mirnak	
				Apr 1, 1911	Apr 1, 1911-June 30, 1913	
				June 26, 1913	Thomas M. Duddy	

SIA - Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
FSW - Pa. State Weather Service, Monthly Summaries (1887-1895)  
WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
CWB - Report of Chief of Weather Bureau (continuation of CSO) (1891-1930)

WB Form 530-1  
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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY  
Office preparing form WBAS, Harrisburg, Pa.

Station Wilkes Barre County Luzerne State Pa. Index No. 36-9702-1 Date prepared 6/26/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from Post Office	Prev. Location	Station known as	Description of exposure
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41° 15' 21"	75° 52' 02"		610	1.5 Mi. NE	SSW	Wilkes Barre	Ovr sod 18' N of observer's residence in river valley - rolling terrain
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG RRG10	NWRC	CD CRS	July 1, 1913	July 1, 1913-Sep 30, 1916	RR10 (USGS) 41 15 00, 75 52 55
2nd						
3rd						
4th						
5th						
6th						

10/1/16- Mrs. Mary Mirnak  
WB Form 530-1



UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WNAS, Harrisburg, Pa.

Station Williamsburg Blair Pa. Index No. 36-9714-8 Date prepared 6/21/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes 6 rows of data.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Includes 6 rows of data.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WNAS, Harrisburg, Pa.

Station Williamsport Lycoming Penna. Index No. 36-9733 Date prepared 6/21/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes 6 rows of data.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Includes 6 rows of data.

# HB - Hydrologic Bulletin (1939 - 1948) # Other observers: Lynn Keyser Apr 1, 1951 - Dec 1953 Robert Keyser Jan 1, 1954 - Sept 30, 1956 Robert Brown Oct 1, 1956 - to date

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WNAS, Harrisburg, Pa.

Station Williamsport h SE Tower Lycoming Pa. Index No. 36-9723 Date prepared 1/9/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes 6 rows of data.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Includes 6 rows of data.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WNAS, Harrisburg, Pa.

Station Williamsstown Dauphin Pa. Index No. - Date prepared 1/25/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes 6 rows of data.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Includes 6 rows of data.

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WNAS, Harrisburg, Pa.

Station Williamsport Lycoming Penna. Index No. 36-9733 Date prepared 6/21/56

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes 6 rows of data.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Includes 6 rows of data.

\* SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895) # WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume) # BW - USMC Climatological Data Summaries, BULLETIN W--summaries to 1930 & HB - Hydrologic Bulletin (1939 - 1948)

UNITED STATES DEPARTMENT OF COMMERCE WEATHER BUREAU SUBSTATION HISTORY

Office preparing form WNAS, Harrisburg, Pa.

Station Williamsport 1 NE Lycoming Penna. Index No. 36-9722 Date prepared 3/25/57

Table with columns: Location, Latitude, Longitude, Sec. Twp. Reg., Elevation, Direction and distance from Post Office, Station known as, Description of exposure. Includes 6 rows of data.

Table with columns: (Con't), Instruments used, Record (Original located, Where published, Date 1st and last observations), Observers and Dates, Remarks. Includes 6 rows of data.

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UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Wilsonville County: Wayne State: Pa. Index No. 36-3659 Date prepared: 3/25/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41° 27' 35" N	75° 11' 35" W		1150	unknown		Wilsonville	unknown
2nd								
3rd								
4th								
5th								
6th								

Con't	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG NR1G	unknown	WPA	Jan 1912 Dec 1920	Jan 1912 - Dec 1920 E. LaBar	
2nd						
3rd						
4th						
5th						
6th						

WBRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)

WB Form 530-1

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Wolfburg County: Bedford State: Pa. Index No. 36-9823-8 Date prepared: 6/21/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 02' 45" N	78° 31' 40" W		1190	2.8 mi NW		Bedford, Pa.	Wolfeburg Ovr sod on level ground; hilly terrain.
2nd								
3rd								
4th								
5th								
6th								

Con't	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG NR1G	NWRC	CD	7-19-50	7-19-50/ Walter C. Rice	River observations 10-5-50/11-30-51.
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

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WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Windber County: Somerset State: Pa. Index No. - Date prepared: 3/25/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 11'	78° 50'		unknown	unknown		Windber	Unknown
2nd								
3rd								
4th								
5th								
6th								

Con't	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	unknown	OWB	July 1903 Nov. 1903	July 1903 - Nov. 1903 Raywind-White Coal Co.	
2nd						
3rd						
4th						
5th						
6th						

WCWB - Report of Chief of Weather Bureau (continuation of CSO) (1891-1930)

WB Form 530-1

Y X  
WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Woodcock Township County: Crawford State: Pa. Index No. - Date prepared: 3/25/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	41° 39'	80° 11'		1088	unknown		Woodcock Township	Unknown
2nd								
3rd								
4th								
5th								
6th								

Con't	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG DT	unknown	unknown	June 1881 Nov. 1881	June 1881 - Nov. 1881 W. S. Wise	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Wind Gap County: Northampton State: Pa. Index No. 36-9781-2 Date prepared: 6/21/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 48' 35" N	75° 20' 10" W		730	3.2 mi SW		Clearfield Wind Gap	Ovr sod in open lawn; terrain is flat.
2nd	40° 49' 25" N	75° 19' 20" W		720	2.2 mi SW	1 mi NE	Wind Gap	Ovr sod 15' S of shed in obs. yard; terrain is flat.
3rd	40° 50' 35" N	75° 17' 35" W		720	0.1 mi S	2 mi NE	Wind Gap	Ovr sod 21' W of nearest bldg; gently rolling terrain.
4th	40° 50' 45" N	75° 17' 30" W		720	approx 0.1 mi S	WPA	Wind Gap	Ovr sod 84' E of obs house; rolling terrain all directions.
5th	40° 51' 75" N	75° 18'		740	300 ft SE PO	500 ft	Wind Gap	heavily wooded; ridge 1 1/2 mi NW, well protected from wind.
6th								

Con't	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	RRNG	NWRC	HB	8-1-45 12-2-46	8-1-45/12-2-46 George R. Harts	
2nd	RRNG	NWRC	HB	3-17-47	3-17-47/10-19-50 William Harts	
3rd	RRNG	NWRC	CD HFD	10-19-50	10-20-50/3-5-52 Dora E. Barry	
4th	RRNG	NWRC	HFD	3-5-52	3-5-52/8-20-57 Dora E. Barry	
5th	RRNG	NWRC	HFD	8/21/57	8/21/57 W. L. Tomlinson	
6th						

\* Name changed from Clearfield to Wind Gap (nr) to avoid confusion with another established station.

WB Form 530-1

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: WBAS, Harrisburg, Pa.

Station: Woodward County: Centre State: Pa. Index No. 36-9870 Date prepared: 1/25/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation ft.	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
1st	40° 55'	77° 20'		2187	2 Mi. NNE		Woodward	Unknown
2nd								
3rd								
4th								
5th								
6th								

Con't	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
1st	SRG	NWRC	CD HB	Dec 12, 1916 Nov 1, 1916	12/12/16-11/1/16 G.A. USWB	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1



UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Worthington County Armstrong State Pa. Index No. - Date prepared 3/25/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40 32	79 37		1050	unknown	-	Worthington	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG DT	unknown	STARWIRE-SIA*	Jan 1859 - Jul 1862	Jan 1859 - Jul 1862 Samuel Snook	
2nd						
3rd						
4th						
5th						
6th						

\*SIA - Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
\*WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
\*SI - Smithsonian Institution (1850-1865)

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station York 28 Filter Plant County York State Pa. Index No. 36-9938-4 Date prepared 6/27/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	39°56'26"	76°43'31"		640	1.5 mi S		York 28	In filter bed 70' S of Pump Sta. Sta on Filter Plt ridge with slight up-slope to S; #
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	RRQG	NWRC	CD HPD	7-7-37	7-7-37/ York Water Company	
2nd						
3rd						
4th						
5th						
6th						

\* Station known as York #2 through 1942, as York (nr) #2 to 1948.  
# Terrain hilly.

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station Wysox County Bradford State Pa. Index No. - Date prepared 3/25/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	41 47	76 28		718	unknown	-	Wysox	Unknown
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	PSW* SIA* CWB* WRI*	Oct 1887 Oct 1893	Oct 1887 - Oct 1893 Charles Beecher	
2nd						
3rd						
4th						
5th						
6th						

\*PSW Pa. State Weather Service, Monthly Summaries (1887-1895)  
\*SIA Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
\*CWB Report of Chief of Weather Bureau (continuation of CSO) (1891-1930)  
\*WRI Water Resources Inventory - Pa. Water Supply Commission (one volume)

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station York, Indian Rock Dam County York State Pa. Index No. 36-9813 Date prepared 3/25/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	39 55 20	76 45 11		100	Unknown	-	York, Indian Rock Dam *	In shallow valley oriented N-S terrain rolling
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	HB	Nov 1942 Feb 1946	Nov 1942 - Feb 1946 David Young	* Also known as York, near #2
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station York 3 SW County York State Pa. Index No. 36-9933-4 Date prepared 6/21/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40°57'35"	76°43'25"		420	0.3 mi SE		York	Unknown.
2nd	40°58'	76°41'		400	U N K N O W N		York	20' above sod; hilly terrain all directions.
3rd	39°55'10"	76°44'57"		390	3.0 mi SW	Unknown	York 3 SW	Over sod at Pump Station on S edge of city; hilly terrain all directions.
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG DT CRS	NWRC	SIA *	9-1-1886 3-31-1887	9-1-1886/9-31-1887 S. M. Davis	York Collegiate Institute.
2nd	SRG Mx Mn CRS PSY	NWRC	WRI CWB CD PSW RQ	1-1-1888 3-31-1904		York Water Co.
3rd	SRG Mx Mn CRS	NWRC	CD HB CWB	6-10-1915	Employees of York Water Co.	
4th						
5th						
6th						

\* SIA - Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
\* WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
\* CWB - Report of Chief of Weather Bureau (continuation of CSO) (1891 - 1930)  
\* PSW - Pa. State Weather Service, Monthly Summaries (1887 - 1895)  
\* RQ - USDA, Wea. Bur. BULLETIN # - Climatology of the U. S. (pages 212-229)

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.

Station York Haven County York State Pa. Index No. 36-9950-4 Date prepared 6/21/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40°06'48"	76°12'45"		310	0.2 Mi. N York Haven		York Haven	On roof of 2-story bldg. Surrounding terrain hilly and agricultural.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Dates 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	HB CWB HW CD	Mar 1, 1921	York Haven Water & Power Co. 1921-1938 # Metropolitan Edison Co. 1938	
2nd						
3rd						
4th						
5th						
6th						

# Same observer - only name change  
CWB - Report of Chief of Weather Bureau (continuation of CSO) (1891-1930)

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WNAS, Harrisburg, Pa.**

Station: **York Sulphur Springs** County: **Adams** State: **Pa.** Index No. **-** Date prepared: **3/25/57**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 41° 02' N, 77° 06' W, 550, Unknown, York Sulphur Springs, In shallow valley oriented N W - SE, Terrain hilly.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Row 1: SHG DT, unknown, Site White Starburg 1876, Jan 1871, Jan 1871 - Aug 1876, F. H. Harvaden.

\*SI - Smithsonian Institution (1850-1865)  
\*WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
\*SIA - Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WNAS, Harrisburg, Pa.**

Station: **Youngville** County: **Warren** State: **Pa.** Index No. **36-9966-0** Date prepared: **6/21/56**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 41° 51' 29" N, 79° 19' 30" W, 1225, 0.6 mi NNW, 250 ft SE, Youngville, Ovr sod 1251' S of obs. house on level ground; terrain is hilly and wooded.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Row 1: 7 RRNG, NWBC, HPD, 1-26-56, Henry Carllett.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WNAS, Harrisburg, Pa.**

Station: **York, Violet Hill Subst.** County: **York** State: **Pa.** Index No. **-** Date prepared: **1/25/57**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 39° 56' 27" N, 76° 43' 02" W, 460, 1.6 mi. SE, York, Violet Hill Subst., Unknown.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, NWBC, unknown, Jan 1, 1911, Jan 1911 - Feb 1916, Pa. Water & Power Co.

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WNAS, Harrisburg, Pa.**

Station: **Zellenople** County: **Butler** State: **Pa.** Index No. **-** Date prepared: **3/25/57**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40° 47' 37" N, 80° 11' 20" W, 920, unknown, Zellenople, Ovr. sod. Terrain hilly and wooded.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, NWBC, CD EW CWB, Jul 1, 1925, 7/25-9/30/28, 10/1/28-5/31, J. Miskin, Francis O. Ray.

\*WB - Report of Chief of Weather Bureau (continuation of OSO) (1891-1930)

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WNAS, Harrisburg, Pa.**

Station: **Youngville** County: **Warren** State: **Pa.** Index No. **36-9966-0** Date prepared: **6/21/56**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 41° 51' 03" N, 79° 20' W, approx 1185, Unknown, Youngville, Unknown.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Row 1: SRG DT, Unknown, WRI SIA, 12-1853, 12-1853/4-1854, A. G. & M. E. Elodget.

\* WRI - Water Resources Inventory - Pa. Water Supply Commission (one volume)  
SIA - Pa. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895).

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form: **WNAS, Harrisburg, Pa.**

Station: **Zion Grove \*** County: **Schuylkill** State: **Pa.** Index No. **36-9966-2** Date prepared: **1/9/57**

Table with columns: Location, Latitude, Longitude, Sec. Twp. Rng., Elevation, Direction and distance from Post Office, Prev. Location, Station known as, Description of exposure. Row 1: 40° 40' N, 76° 17' W, 1606, unknown, Grandville, On ground 50 ft. from a 2 story house.

Table with columns: (Con't), Instruments used, Original located, Where published, Date 1st and last observations, Observers and Dates, Remarks. Row 1: SRG, NWBC, CD, Jan 1897, 1/97-1/13 - 2/12-10/18, 11/25-12/29, G. Hancock, Henry Kellie, S. W. Water Co.

\* Record at this station is continuation of record at Ringtown (36-7497-1)



UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.  
Station Zionsville 1 SW County Lehigh State Pa. Index No. 36-9994 Date prepared 1-9-57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 26' 49" N	75° 28' 28" W		820	3 Mile SE		Zionsville	Over level ground 40 feet E of barn and 15 ft. S of another bldg.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	CD	12/1/31 Aug 1950	12/31-4/15 7/15-8/50 J. S. Weinberger, Horace Miller	Expt. relocated 10/16/50. N. New design Zionsville SE 36-9995
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.  
Station Zionsville 3 SE County Lehigh State Pa. Index No. 36-9995-2 Date prepared 6/21/56

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	40° 27' 07" N	75° 27' 12" W		660	3.0 mi SE		Zionsville 3 SE	Over road in open field 60' N of obs. barn.
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	NWRC	CD	10-17-50	10-17-50/ Lealia Bonnett	
2nd						
3rd						
4th						
5th						
6th						

WB Form 530-1

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
SUBSTATION HISTORY

Office preparing form WBAS, Harrisburg, Pa.  
Station West Marlborough County Chester State Pa. Index No. - Date prepared 3/22/57

Location	Latitude	Longitude	Sec. Twp. Rng.	Elevation m	Direction and distance from		Station known as	Description of exposure
					Post Office	Prev. Location		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1st	39° 53' 30" N	75° 48' 30" W			Unknown		West Marlborough U.	
2nd								
3rd								
4th								
5th								
6th								

(Con't)	Instruments used	Record			Observers and Dates	Remarks
		Original located	Where published	Date 1st and last observations		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1st	SRG	U.	SIA*, WRI#	Jan 1843 - Dec 1857	Jan 1843 - Dec 1857 M. Corps	
2nd						
3rd						
4th						
5th						
6th						

\* SIA - Penna. Secretary of Internal Affairs (Tabulations to 1887, Summaries to 1895)  
# WRI - Water Resources Inventory - Penna. Water Supply Commission (one volume)

WB Form 530-1

