

UNITED STATES DEPARTMENT OF COMMERCE

WEATHER BUREAU

STATION HISTORY

RENDITION: (X) Original;

() Supplement No. _____

(Central Office)

OFFICE PREPARING FORM Met. Obs. Central Off.STATION Washington, D. C.

COUNTY _____

STATE _____

INTERNATIONAL
INDEX NUMBER _____DATE
PREPAREDJan. 17, 1952

NUMBER OF LOCATION	LOCATION	TYPE OF STATION	AT THIS LOCATION		AIRLINE DISTANCE AND DIRECTION FROM PREVIOUS LOCATION	LATITUDE	LONGITUDE	ELEVATION ABOVE MEAN SEA LEVEL		
			FROM	TO				GROUND (H)	ASSIGNED STATION (H _s)	ACTUAL BAR- OMETER (H _z)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
1	1719 G St., NW	SC	11/1/70	3/10/72		38°53.8'N	77°02.5'	65*		91* 90.5
2	1719 G St., NW ^{3rd floor} & 1721 S	SC	3/10/72	8/15/88		38°53.8'N	77°02.5'	65*		105 104.6
3	1744 G St., NW	SC	8/15/88	3/22/89		38°53.8'N	77°02.5'	65*		103 103.5
4	2416 M St., NW	WBO	3/22/89	10/16/94	3/4 mi. NW	38°54.4'N	77°03.1'W	72	112	112 111.6
5	2416 M St., NW	WBO	10/16/94	1/1/06		38°54.4'N	77°03.1'W	72	112	112
6	2416 M St., NW	WBO	1/1/06	8/30/06		38°54.4'N	77°03.1'W	72	112	112

ELEVATION ABOVE GROUND							REMARKS		
WIND INSTRU- MENTS	EXTREME THERMOM- ETERS	PSY- CHROM- ETER	TELEPSY- CHROM- ETER	RAIN GAGES			(Reason for move, changes in observation programs, effects of buildings or terrain, etc.)		
				TIPPING BUCKET	WEIGHING	8 INCH			
(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)
65*	57*	57*				62*			Observations by Signal Corps. 3/10/72 grad 63.26 CSO/1973 p 960
65	44	44				51			
57	58	58				51			Type of raingage used prior to 3-22-89 unknown
67	59	59			42				
76	59	59			42				Observatory enlarged 1906-1907
--	59	59			42				Thermometers moved 8/30/06

REMARKS CONTINUED:

*Elevation of instruments above sea level was recorded for period 11/1/70 to 3/10/72. Ground elevation was later estimated from U.S. Chart as 65 feet and elevation of instruments above ground determined by use of this value

Continued on page 2

INSTRUCTIONS FOR PREPARATION OF WB FORM 500-1

General

Use elite typewriter if available. Prepare as completely as possible. Abbreviations may be used where meanings are obvious. Five (5) copies will be prepared: Original and one (1) copy for the Central Office; one (1) for the WRPC; one (1) for the appropriate Regional Office; and one (1) for station preparing the forms. The first form prepared for a station will be checked "ORIGINAL." If practicable include with the original rendition a map of the area on which the present and all previous locations of the station are indicated. Subsequent renditions to be submitted on December 1 of each year will be indicated as supplements and need only include data for changes since last report, such as: changes in type of station, consolidation of city and airport offices, relocation of one or more instruments, etc. If no changes have occurred during the year, the heading should be filled out and "no changes" written on the first line under (a) and (b). Forward all copies except the one for the station to the Regional Office for review and distribution.

Items which do not apply should be left blank. For example, at a station not equipped with a weighing rain gage, column (q) should be left blank. If data are not available a dash should be entered; for instance, if the station has a weighing rain gage but the elevation above the ground is not known, enter a dash in column (q). Indicate doubtful information by a query or footnote.

Entries on form 500-1:

Entries in the heading are self-explanatory. These entries will be completely filled in each time a form is submitted. Number supplements consecutively beginning with one (1).

(a) "Number of Location." Enter "1st" for the first location, "2nd" for the next, etc. Where a station has been preceded by a cooperative station, the cooperative station history should precede the history of the other station. Use additional sheets if necessary.

(b) "Location." Enter exact location using street and number where appropriate as, "224 E 4th Street." For airports indicate name of airport and direction and airline distance from the Post Office. If the building has a name, enter that name as well as the street address.

(c) "Type of Station." Use symbols for stations thus: WBO or WBAS for first order; CAA for Civil Aeronautics Administration; SAWRS for Supplementary aeronautical weather reporting; S, A, or SA for second order paid synoptic, aviation, or combined synoptic and aviation; CG for Coast Guard, AF for Air Force, Coop for cooperative, etc.

(d) and (e) "At this Location From - To." Enter dates using month, day, and year if possible thus: "1-7-17," "5-1-49."

(f) "Airline Distance and Direction from Previous Location." Show as "2-1/4 miles SSE" or "1000 Ft. NNW."

(g) and (h) "Latitude" and "Longitude." If coordinates to tenths of a minute can readily be determined, make entries thus: "40°20.4," "75°58.8." If not enter them to the nearest minute as "40°20," "75°59."

(i) "Ground Elevation (H)." Enter in whole feet.

(j) and (k) "Assigned Station Elevation (H_b)" and "Actual Elevation, (H_z)." H_b and H_z will be entered to two decimal places if available.

(l) to (r) "Elevation of Instruments." Enter in whole feet.

(s) and (t) These columns will be used for other instruments. If used, the instruments should be entered in the headings of the columns under which data on them are reported.

(u) "Remarks." Enter pertinent data such as reasons for moves, dates of beginning and/or ending of observational programs such as aviation observations, pibals, etc., effects of buildings, terrain, etc., or any other remarks of interest concerning the station programs, station location or location of instruments.

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OFFICE PREPARING FORM Met. Obs. C.O.STATION Washington, D. C. (C.O.)

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STATE _____

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PREPARED Jan. 17, 1952

NUMBER OF LOCATION	LOCATION	TYPE OF STATION	AT THIS LOCATION		AIRLINE DISTANCE AND DIRECTION FROM PREVIOUS LOCATION	LATITUDE	LONGITUDE	ELEVATION ABOVE MEAN SEA LEVEL		
			FROM	TO				GROUND (H)	ASSIGNED STATION (H ₀)	ACTUAL BAR- OMETER (H ₂)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
7	2416 M St., NW	WBO	9/1/06	1/1/07		38°54.4'N	77°03.1W	72	112	84
8	2416 M St., NW	WBO	1/1/07	4/11/07		38°54.4'N	77°03.1W	72	112	84
9	2416 M St., NW	WBO	4/11/07	5/8/07		38°54.4'N	77°03.1W	72	112	84
10	2416 M St., NW	WBO	5/8/07	8/1/07		38°54.4'N	77°03.1W	72	112	84
11	2416 M St., NW	WBO	8/1/07	7/1/41		38°54.4'N	77°03.1W	72	112	111
12	2416 M St., NW	WBO	7/1/41	3/2/42		38°54.4'N	77°03.1W	72		

ELEVATION ABOVE GROUND							Dines anemo- meter		REMARKS (Reason for move, changes in observation programs, effects of buildings or terrain, etc.)
WIND INSTRU- MENTS	EXTREME THERMOM- ETERS	PSY- CHROM- ETER	TELEPSY- CHROM- ETER	RAIN GAGES					
				TIPPING BUCKET	WEIGHING	8 INCH			
(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)
58	44	44			42				Barometer moved 8/31/06
54	--	--			42				
79	62	62			42				
85	62	62			42				Some elevations prior to 8/1/07 are questionable
85	62	62		42	42		85		Synoptic observations moved to airport 7/1/41
85	62	62		42	42		85		Wind instruments moved to new building 3/2/42

REMARKS CONTINUED:

Continued on page 3

INSTRUCTIONS FOR PREPARATION OF WB FORM 500-1

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			FROM	TO				GROUND (H)	ASSIGNED STATION (H _s)	ACTUAL BAR- OMETER (H _z)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
13	2400 M St., NW	WBO	3/5/42	3/30/49	100 ft. N	38°54.4'N	77°03.1'W	72		
14	2400 M St., NW	WBO	3/30/49			38° ⁵⁴ 43.4'N	77°03.1'W	72		

SCANNED
OAKLAND

ELEVATION ABOVE GROUND							Dines anemo- meter		REMARKS
WIND INSTRU- MENTS	EXTREME THERMOM- ETERS	PSY- CHROM- ETER	TELEPSY- CHROM- ETER	RAIN GAGES					(Reason for move, changes in observation programs, effects of buildings or terrain, etc.)
				TIPPING BUCKET	WEIGHING	8 INCH			
(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)
100	56	56		54	55	53	103		Thermometers moved to new building 3/5/42
100	56	56	55	54	55	53	103		Telepsychrometer installed 3/30/49

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