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MEMORANDUM

TO: State Climatologists,  
Section Centers, Hydroclimatic Inspectors, Field Aides,  
WRPCs, River District Offices, and Area Engineers.  
(With copies to Regional Offices for Information.)

FROM: Climatological Services Division

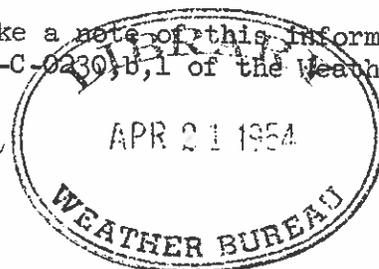
SUBJECT: Climatological Service Memorandum No. 43.

INSTRUCTIONS

1. MAILING OF WEIGHING RAIN GAGE CHARTS TO NWRC: This is to remind all Section Centers that weighing gage records should be sent to the NWRC at least once a month, preferably by the 15th of the following month.
2. LUBRICATION OF MICROMETER HOOK GAGE: The presence of oil on the water in the stilling well of the evaporation pan has been noted in a few cases after the micrometer hook gage has been cleaned and lubricated as outlined in Paragraph 4113.1 of Circular B. It is desired that observers and inspectors be cautioned against the excessive use of oil on the hook gage. When the gage is lubricated, any excess oil should be carefully removed with a clean cloth from the threads and other parts of the gage.
3. AREA HYDROLOGIC ENGINEERS' PART IN COORDINATING ACTIONS WITH OTHER GOVERNMENTAL AGENCIES: Reference to the Area Hydrologic Engineers' part in coordinating actions with other governmental agencies was inadvertently omitted when Multiple Address Letter No. 78-53 was incorporated into the Weather Bureau Manual as Section III-C-0230.

Liaison between the Weather Bureau and the Corps of Engineers, Bureau of Reclamation, Soil Conservation Service, etc., is carried on by the appropriate Area Hydrologic Engineer either personally or with his knowledge. The work of the Area Hydrologic Engineers in this respect is outlined in Section III-H-0202 and H-08 of the Weather Bureau Manual.

Please make a note of this information at the end of Paragraph III-C-0230, b, 1 of the Weather Bureau Manual.



Memo - (Climatological Service Memorandum No. 43)

Washington, D. C.  
4-20-54

4. SHIPPING OF IBM CARDS FROM WRPCS TO NWRC: WBAN 1, 2, and 3 cards will henceforth be shipped to NWRC monthly, as soon as possible after processing for the month has been completed.

Card History Listings will be prepared annually and forwarded to NWRC with the January shipment of WBAN cards. In the event of a change in procedures, amendments to the Card Reference Manual concerned will accompany the first shipment of cards containing any change in punching or coding practices.

WB 1009 cards will continue to be shipped to NWRC as in the past.

5. CLIMATOLOGICAL RECORD BOOKS: It has come to our attention that some Climatological Record books for closed first-order stations may be on file at Section Centers. Any Section Center having such volumes should forward them to the NWRC at Asheville, N.C.

#### GENERAL

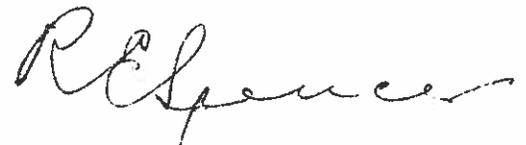
6. ROUTING OF RECORDS FROM COAST GUARD AND LIGHTSHIP STATIONS (INCLUDING FORMS 1034A GREAT LAKES WEATHER OBSERVATIONS AT COAST GUARD AND OTHER LAKE STATIONS). In order to provide more nearly current and ready access to all of these records, it is desirable that they be filed at NWRC with as little delay as possible. Therefore, we propose a change in the routing of such records to make it possible for the checking station to send the originals direct to the NWRC as soon as checking has been completed. In the event records from some of these stations are frequently required at any Section Center, it might be possible to provide a carbon copy for that purpose or to obtain the specific data from the checking station or NWRC. Your comments on this matter will be appreciated.
7. CHANGE IN FLOOD STAGE: Hydrologic Services Division advises us that the flood stage at Three Rivers, Texas, has been lowered from 37 to 35 feet, effective April 1, 1954.
8. NEW NATIONAL RECORD LOW TEMPERATURE: A temperature of  $-69.7^{\circ}\text{F}$ . at Rogers Pass, Mont., on January 20 1954 established a new low temperature record for the United States. This recording was verified by a check in the Instrument Division of the thermometer used. The previous record  $-66^{\circ}\text{F}$ ., was observed at Riverside Ranger Station in Yellowstone National Park, February 9 1933.

9. INDEX FOR CSM ITEMS: An index covering CSM's 34 through 42 is being distributed with this CSM. Earlier indexes have covered issues through No. 33.

FOR WRPCS

10. FORWARDING LOCAL CLIMATOLOGICAL DATA TO THE CENTRAL OFFICE (REFERENCE: CSM No. 36, Item 5 (a)): Please change the number of copies of Local Climatological Data for the Climatic Information Section of Climatological Services Division from 5 (10 for 13 selected stations) to 6 (with 12 for the selected stations).
11. AMENDMENT TO INSTRUCTIONS: Paragraph 1009.4315 of instructions for "Processing of Forms 1009 and Related Forms, including Weighing Rain-Gage Charts" June 1, 1951 should read:

"Where small inconsistencies (1° to 3°) appear they should be corrected only if reasonable supporting evidence is available to indicate which entry is right. Changes of this magnitude should not be made for entry-consistency's sake alone."



R. E. Spencer,  
Acting Chief, Climatological  
Services Division

GUIDE TO CLIMATOLOGICAL SERVICE MEMORANDUM NO. 43.

ITEM NO. PAGE NO.

INSTRUCTIONS

1. MAILING OF WEIGHING RAIN GAGE CHARTS TO NWRC..... 1
2. LUBRICATION OF MICROMETER HOOK GAGE..... 1
3. AREA HYDROLOGIC ENGINEERS' PART IN COORDINATING  
ACTIONS WITH OTHER GOVERNMENTAL AGENCIES..... 1
4. SHIPPING OF IBM CARDS FROM WRPCS TO NWRC..... 2
5. CLIMATOLOGICAL RECORD BOOKS..... 2

GENERAL

6. ROUTING OF RECORDS FROM COAST GUARD AND LIGHTSHIP  
STATIONS (INCLUDING FORMS 1034A GREAT LAKES WEATHER  
OBSERVATIONS AT COAST GUARD AND OTHER LAKE  
STATIONS..... 2
7. CHANGE IN FLOOD STAGE..... 2
8. NEW NATIONAL RECORD LOW TEMPERATURE..... 2
9. INDEX FOR CSM ITEMS..... 3

FOR WRPCS

10. FORWARDING LOCAL CLIMATOLOGICAL DATA TO THE  
CENTRAL OFFICE..... 3
11. AMENDMENT TO INSTRUCTIONS..... 3

April 20, 1954

ALPHABETICAL INDEX FOR CLIMATOLOGICAL SERVICE MEMORANDUMS  
NO. 34 THROUGH NO. 42

(NOTE: CSM number and items are shown as 38-4 for CSM No. 38, Item 4.)

INSTRUCTIONS

A.	
Arrays, prompt return to WRPCs.....	41-2
B.	
Bulletin W - shipping old separates to NWRC.....	35-10
C.	
Changes in Flood Stages.....	34-4
Changes to Records, Final responsibility for.....	34-3
Christmas Greetings for Cooperative Observers.....	38-3
Climatological Continuity of Substations.....	40-4
Climatological Data Bound by Individual Sections.....	38-8
Climatological Data, Requests for additional Copies.....	37-5
Cooperative Observer Newsletter.....	39-4
Cooperative Observers, Public Service Policy for.....	40-6
Copying Observational Records.....	39-6
D.	
Data from poor substations.....	41-1
E.	
Evaporation Program.....	35-5
F.	
Forms 10A, B, and D (Depository for).....	35-9; 36-2; 38-1; 39-1; 42-1
Forms 531-1.....	37-4; 39-5; 42-2
Forms 612.11-2.....	38-5
Forms 612-13 (1006).....	36-1; 37-1
Form 4035A - Deadline date for submission.....	35-7
Form 4035A - Preparation of.....	38-2
Final Responsibility for Changes to Records.....	34-3
Forwarding Material from Section Center to WRPC.....	36-3
Freeze-Free data.....	40-5
Forms and Records, Shipment by Registered Mail.....	35-3
Furnishing Data from WRPC.....	37-2
H.	
Hydrographs, Plotting of, based on observed River Stages...	34-5

I.	
Index or diary of unusual and outstanding weather events.....	38-7
Inspection Reports, Furnishing WRPC.....	38-6
Interpolation of Precipitation, where a station has both a recording and a non-recording gage.....	35-2
Interpolation of Monthly Precipitation Totals for recorder stations.....	37-3
L.	
Length of record in Climatological Data Annuals.....	40-2; 41-4
Letters from Secretary to long-service Cooperative Observers.....	34-6
Listing of Highest and Lowest Temperatures by States.....	35-4
M.	
Mailing Weekly Weather and Crop Bulletin and Cooperative Observers Newsletters to the Central Office.....	36-4
Method of Arriving at Length of Record in Climatological Data Annuals.....	40-2
N.	
Network Plan, Substations.....	40-1
Newsletter, Cooperative Observer.....	39-4
Normals for Closed First-Order Stations.....	39-2; 40-3
P.	
Publication of Data in Climatological Data, Policy Statement on..	35-8
Public Service policy for Cooperative Observers.....	40-6
Preparation of Copies of Observational Records.....	39-6
Prompt Forwarding of Material from Section Center to WRPC.....	36-3
Q.	
Quality of Substation Records.....	41-3
R.	
Registered Mail, for forms and records.....	35-3
Responsibility for Changes to Records.....	34-3
Review of Arrays.....	34-2
Requests for printing additional copies of Climatological Data...	37-5
S.	
Severe Storm Report.....	35-6
Shipping Bulletin W Separates to NWRC.....	37-6
Substation Histories.....	34-1
Substation Network Plan.....	40-1
T.	
Thermographs at Substations.....	35-1
Tornado Reporting.....	39-3
W.	
Weather Story, Prompt forwarding to Central Office.....	38-4

GENERAL

A.	
Arrays, Use of to check set Maximum Inconsistencies.....	41-6
B.	
Bulletin W. Supplement.....	40-8
C.	
Climatological Continuity of Substations.....	37-8
Climatological Data - Forwarding to Central Office and to NWRC..	35-14
Climatological Data Bound by Individual Sections.....	38-8
Cooperative Observers, Mention of in Newsletter.....	40-7; 41-7
Cooperation with BAE.....	40-9
Cooperative Observer Letters.....	39-8
D.	
Days with .01 or More in Climatological Data.....	41-10
Description of Specialized Functions in Weather Bureau Operations for Climatology.....	35-11
Disposition of Overruns.....	36-7
F.	
Forms 612-3 (1006), containing river stage data.....	42-5
Forms 4052.....	39-9; 41-9
I.	
Index of Unusual Weather Events.....	38-7
Index for CSM Items.....	34-10
Interpolation of Precipitation Records.....	39-7
L.	
Local Climatological Data Annuals, Bound.....	34-9
Lightship Records.....	41-8
M.	
Microfilm Index.....	36-6
Microfilming, Discontinuance of at WRPCs.....	41-5
N.	
Newsletter, mention of new cooperative observers in.....	40-7
Normals, substation.....	34-8
P.	
Preparation of weather story in Climatological Data.....	37-7
S.	
Section Center Consolidation.....	42-3
Section Center-WRPC Meetings.....	34-7; 35-12
Set Maximum, Checking by Machine Array.....	42-4
Substations, Climatological Continuity of.....	37-8
Substation Histories, Preparation of.....	35-13
Substation Normals.....	33-7; 34-8
Substation Reports.....	37-9

W.

Weather Story in Climatological Data..... 37-7

FOR WRPCS

A.

Amendment to Instructions..... 34-11; 36-10;  
37-10; 38-9;  
40-12; 41-11;  
42-7

D.

Days .01 or more in Climatological Data, to be discontinued 40-11  
Discontinued publications..... 36-8

F.

Forwarding Climatological Data and Local  
Climatological Data..... 36-5  
Forwarding Unstapled Climatological Data to NWRC..... 42-6  
Form 531-1, preparation of..... 37-11  
Forms 5097..... 36-6

N.

Notifying Subscribers and Superintendent of Documents of  
Discontinued Publications..... 36-8

O.

Overruns, disposition of..... 36-7

P.

Preparation of Table 3 in Climatological Data Annuals..... 40-10  
Publication of Local Data-Supplement where hours of  
Operation have been Reduced..... 36-9  
Preparation of Form 531-1..... 37-11