

UNITED STATES DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
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June 28, 1954

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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. 44.

GENERAL

1. A MESSAGE FROM THE NEW CHIEF OF CLIMATOLOGICAL SERVICES DIVISION: This memorandum gives me the first opportunity to send a few words of greeting to the climatological field service. Climatological work and Weather Bureau activities are not entirely new to me but I am glad to be again associated with them.

I have always admired the tremendous but often unheralded service rendered by field personnel in furnishing the public with climatic data and information. You will undoubtedly agree that there remain, however, unexploited opportunities to make existing climatic data more useful and to develop new techniques in climatology. We shall pursue these objectives. In this aim we hope to have your active collaboration, your suggestions and your constructive criticism.

H. E. Landsberg

2. REVISION OF "CLIMATE OF THE STATES": The 1941 Agriculture Yearbook separates (one pamphlet for each state or section) will be revised as opportunity permits. At this time we invite Section Directors and State Climatologists to review the textual description for their states as printed in the separate pamphlets and to forward text revisions to the Climatological Services Division within the next two months.

The text should describe the topographical divisions of the state and their effects on climate in some detail. Ocean influence; flood and drought frequencies; temperature, rainfall, and humidity characteristics; damaging or dangerous storm (e.g. tornadoes, hurricanes, damaging hail or wind) frequencies; water supply; primary crops, recreational activities, industries, and markets (that exist within the state primarily because of its climate) are all items that should be discussed. Please use non-technical language because the text is intended for the layman.

Memo - (Climatological Service Memorandum No. 44) Washington, D.C.

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3. SUBSTATION RECORDS (REFERENCE: CSM No. 18, Item 6): Data for many cooperative stations have been entered on forms since the establishment of the station up to 1930, 1940, or some later year, so that the records for a single station for many years are recorded on a series of sheets or cards, similar to WB Form 1067. All stations that have such forms in their files are requested to send them to the National Weather Records Center, Asheville, North Carolina with a note indicating whether or not the material is to be returned. (Where return is desired, microfilm copy will be made and the originals returned, unless microfilm is preferred).
4. PREPARATION OF FORMS 531-1 FOR STATIONS REPORTING RIVER STAGE: The elevation of a substation shown on Form 531-1 should be the elevation of the ground at the site of the rain gage. This applies to a river and rainfall station even though the river gage may be some distance from the rain gage. For a station equipped with a river gage only, enter the zero of the river gage as the elevation.
5. REQUESTS FOR RECORDS OR PUBLISHED DATA AVAILABLE AT NWRC BUT NOT AT WRPC OR SECTION CENTERS: When requests are received for records or published data available at NWRC but not at the Section Center or the WRPC, forward such requests directly to Asheville without delay, particularly in cases involving certification of records. This does not apply to records or published data that can be promptly furnished by the office receiving the request. However, submit requests for sizeable tabulations or processing of records to the Central Office for proper programming.
6. FILING OF WEEKLY WEATHER AND CROP MESSAGE: At present all crop messages are filed by about 5:00 p.m. L.S.T. A number of these messages reach us before 7:00 p.m. E.S.T. and are edited that same evening. This assists us materially in preparation of the next day's Weekly Weather and Crop Bulletin.

We could edit 15 - 20 additional stories on Monday evening if they were received. This item is to ask all offices responsible for sending these stories to file them as early as possible on Monday afternoon, after all necessary information has been received.

FOR WRPCS

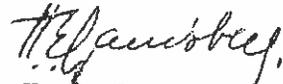
7. PUNCHING OF INTERPOLATED MONTHLY PRECIPITATION AMOUNTS: Instructions provide that when a Section Center interpolates a monthly precipitation value for publication in the annual Climatological Data, the 1009 summary card will carry the interpolated amount identified by an "X" punch in Col. 44.

There are a few instances in which the amounts furnished to a WRPC for certain stations with the interpolations for a Section are specifically qualified as being measured amounts from the weighing gage at the same site. As the record comes from another gage and has not been published in terms of daily values, it should be treated as an interpolated value and contain the appropriate X punch.

8. AMENDMENT TO PROCEDURES: Paragraphs 1009.652 and 1009.83 Change the explanation for "R" to:

"Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)"

9. TABLE 3 IN CLIMATOLOGICAL DATA ANNUAL: The format for this table has been revised to include the dates of spring and fall minima of 20° and 16° and the number of days between them. A supply of the new format will soon be sent to each WRPC. Please discard stock of WB Form 5133 when this supply is received.



H. E. Landsberg  
Chief, Climatological  
Services Division

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