



UNITED STATES DEPARTMENT OF COMMERCE
WEATHER BUREAU
WASHINGTON
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION

January 6, 1966

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CL 1-66

CIRCULAR LETTER NO. 1-66

TO : All Regions, First Order Stations and Central Offices
FROM : Director, Weather Bureau
SUBJECT: Weather Bureau Policy on Provision of Processed Digital Weather Data

(WB Policy on Provision of Processed Digital Weather Data)

Aviation users of Weather Bureau products have stated a need for upper wind and temperature information in digital form as a direct, numerically-derived product input to their computers for flight planning purposes. The Weather Bureau recognizes that this need is valid and that fulfilling it is a proper function of the national meteorological service. To establish understanding of the extent to which the Weather Bureau will be responsible for fulfilling these requests, the following policy (not intended to pre-empt or establish policy concerning relations with meteorological services of other Governments) will apply:

The Weather Bureau will make available in digital form products of the national meteorological service computer system to any user or users. Data furnished shall be made available wherever the data exist in the national meteorological service system. Costs of duplicating and communicating the data for use outside the system shall be borne by the user(s).

The format and output schedule of such information will be determined by the following considerations:

1. Requirements of the national meteorological service for internal processing to satisfy the needs of all users as a whole and data available to the computer system.
2. Standards and procedures prescribed by regulatory agencies.
3. Specialized user needs.

Reasonable notice (usually at least 90 days) of changes to existing programs, schedules or formats will be given to users.

In the interest of providing users with new or modified products not currently a part of the national meteorological service

1-6-66

WASHINGTON, D.C.

National Oceanic and Atmospheric Administration Weather Bureau Circular Letters

ERRATA NOTICE

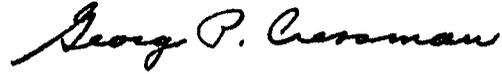
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December 6, 2007

output, the Weather Bureau is willing to review proposals for the development of such products and to negotiate the development and testing of such products for the purpose of exploring feasibility, utility and cost of the proposed service. Such tests or experiments would in no way commit the Weather Bureau to continuation of the service tested.



George P. Cressman

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UNITED STATES DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
WEATHER BUREAU

August 30, 1966

W113

CIRCULAR LETTER NO. 3-66

TO : All First Order Stations and Regional Headquarters
FROM : Director, Weather Bureau
SUBJECT : Radar Weather Observations from Cooperative Agencies
REFERENCE: Circular Letter No. 7-62

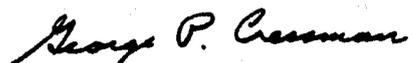
The purpose of this circular letter is to consolidate and to bring up-to-date existing information and instructions on the receipt of radar weather observations from cooperative agencies. The attached pages include an alphabetical listing of the cooperative facilities along with their latitude and longitude for location purposes. The listing should be kept readily available for utilization of radar reports from these cooperators when their reports are transmitted on teletypewriter circuits.

In this circular letter, the type of radar at each location is not given. If a site is listed herein, it can be assumed that the radar at that site is suitable for weather detection, although some are better than others. The type of radar can usually be determined by contacting the nearby radar installation. Then by reference to Table 1-2, Characteristics of Various Radar Equipment on Page 1-20 of the Weather Surveillance Radar Manual, the operating characteristics of the radar can usually be ascertained.

Meteorologists in Charge who have not availed themselves of the opportunity to receive radar reports from nearby cooperative agencies are encouraged to make the necessary arrangements for receiving reports of radar echoes indicative of severe storms. Arrangements can be made by contacting the nearby radar installation to discuss the program. The terms used by the cooperative agency in defining radar observations should be determined. For example, distances may be in statute miles, speed in miles per hour and orientation in degrees magnetic. The radar reports transmitted on teletypewriters should be in terms of true bearings and nautical miles. These reports can be used locally, in conjunction with other data, as a basis for severe weather warnings. When reports of a "significant" echo that is in or approaching another Weather Bureau station's area of county responsibility are received, the office having the information should communicate it to the other office by special RAWARC message or in an emergency, by telephone. "Significant" as used in the foregoing sentence refers to echoes of unusual intensity (strong), unusual height, or of a form indicating the presence of heavy hail or possibility of a tornado.

Meteorologists in Charge are encouraged to work as closely as possible with the cooperative radar station to insure that significant reports will be furnished and that arrangements will work in an emergency. To insure quick delivery of the radar observations, the cooperative agency should be given the unlisted telephone number of the Weather Bureau and should be informed of the necessary procedures for placing priority calls. Collect calls to our offices, if necessary, are authorized. Additional provisions in regard to hurricane radar observations are covered in separate interdepartmental agreements distributed to offices concerned.

These instructions cancel those contained in Circular Letter No. 7-62.



George P. Cressman

Attachment

<u>RADAR STATION</u>	<u>ORGANI- ZATION</u>	<u>NEARBY WEATHER BUREAU STATION</u>	<u>LOCATION</u>	
			<u>N. LAT.</u>	<u>W. LONG.</u>
Aiken AFS, S. C.	ADC	Augusta	33-39	81-41
Almaden AFS, Calif.	ADC	San Francisco	37-10	121-54
Altus AFB, Okla.	AWS	Oklahoma City	34-39	99-16
Amarillo AFB, Tex.	ADC	Amarillo	35-15	101-39
Andrews AFB, Md.	AWS	Washington, D. C.	38-49	76-51
Antigo AFB, Wis.	ADC	Green Bay	45-03	89-14
Arlington Hts., Ill.	ADC	Chicago, WBFC	42-04	88-00
Baker AFS, Oregon	ADC	Pendleton	44-35	117-47
Barksdale AFB, La.	AWS	Shreveport	32-30	93-41
Baudette AFS, Minn.	ADC	International Falls	48-40	94-37
Beaufort MCAS, S. C.	NAVY	Savannah	32-28	80-44
Bedford AFS, Va.	ADC	Roanoke	37-31	79-30
Bellefontaine AFB, Ohio	ADC	Columbus	40-22	88-43
Belleville AFS, Ill.	ADC	St. Louis	38-29	89-54
Belmar, N. J. (U.S. Army Signal R. & D. Lab.)	ARMY	New York	40-10	74-02
Benton AFB, Pa.	ADC	Scranton	41-21	76-18
Bergstrom AFB, Texas	AWS	Austin	30-12	97-40
Blaine AFS, Wash.	ADC	Seattle	48-55	122-44
Blytheville AFB, Ark.	AWS	Memphis	35-58	89-57
Boron AFS, Calif.	ADC	Bakersfield	35-05	117-35
Brookley AFB, Ala.	AWS	Mobile	30-38	86-04
Brunswick NAS, Me.	NAVY	Portland	43-53	69-56
Bucks Harbor AFS, Me.	ADC	Portland	44-38	67-24
Bunker Hill AFB, Ind.	ADC	Fort Wayne	40-34	86-09
Burns AFS, Oregon	ADC	Spokane	43-34	119-09
Calumet AFS, Mich.	ADC	Marquette	47-22	88-10
Cambria AFS, Calif.	ADC	Santa Maria	35-31	121-04
Cambridge, Mass.	M.I.T.	Boston	42-42	71-06
Cannon AFB, N. Mex.	AWS	Roswell	34-23	103-19
Cape Kennedy, Fla.	ETR#	Orlando	28-30	80-35
Cape Charles, AFS, Va.	ADC	Norfolk	37-08	75-57
Carswell AFB, Tex.	AWS	Fort Worth	32-46	97-27
Caswell AFS, Me.	ADC	Caribou	46-58	67-50
Champaign, Ill.	Ill.	Springfield	40-02	88-16
	Water Survey			
Chandler AFS, Minn.	ADC	Sioux Falls	43-54	95-57
Chanute AFB, Ill.	AWS	Peoria	40-18	88-09
Charleston AFS, Me.	ADC	Portland	45-05	69-06
Chase NAAS	Navy	Corpus Christi	28-22	97-40
Cherry Point MCAS, N.C.	Navy	Wilmington	34-54	76-53

#Eastern Test Range Station

<u>RADAR STATION</u>	<u>ORGANI- ZATION</u>	<u>NEARBY WEATHER BUREAU STATION</u>	<u>LOCATION</u>	
			<u>N. LAT.</u>	<u>W. LONG.</u>
Clinton-Sherman AFB, Okla.	AWS	Oklahoma City	35-21	99-12
College Station, Tex.	A&M Col.	Houston	30-37	96-21
Columbus AFB, Miss.	AWS	Jackson	33-38	88-27
Condon AFS, Oreg.	ADC	Portland	45-14	120-18
Coral Gables, Fla.	Univ. of Miami	Miami	25-43	80-17
Corpus Christi NAS, Texas	NAVY	Corpus Christi	27-42	97-16
Corvallis, Oreg.	State Col.	Portland	44-38	123-21
Craig AFB, Ala.	AWS	Montgomery	32-21	86-59
Cross City AFS, Fla.	ADC	Tallahassee	29-38	83-06
Dauphin Is. AFS, Ala.	ADC	Mobile	30-15	88-05
Davis-Monthan AFB, Ariz.	AWS	Tucson	32-10	110-53
Dover AFB, Del.	AWS	Wilmington	39-08	75-28
Dow AFB, Me.	AWS	Portland	44-48	68-49
Duluth IAP, Minn.	AWS	Duluth	46-51	92-12
Dyess AFB, Texas	AWS	Abilene	32-26	99-51
Ellington AFB, Texas	ADC	Houston	29-37	95-10
Ellington AFB, Texas	AWS	Galveston	29-39	95-10
Ellsworth AFB, S. Dak.	AWS	Rapid City	44-09	103-06
Empire AFS, Mich.	ADC	Muskegon	44-48	86-03
England AFB, La.	AWS	Baton Rouge	31-19	92-33
Eufaula AFS, Ala.	ADC	Columbus	31-53	85-15
Fairchild AFB, Wash.	AWS	Spokane	47-37	117-39
Fallon AFS, Neb.	ADC	Reno	39-24	118-43
Finland AFS, Minn.	ADC	Duluth	47-27	91-14
Finley AFS, N. Dak.	ADC	Fargo	47-31	97-52
Forbes AFB, Kans.	AWS	Topeka	38-57	95-40
Fort Benning (Lawson AAF), Ga.	AWS	Columbus	32-21	85-00
Fort Fisher AFS, N. C.	ADC	Wilmington	33-59	77-55
Ft. George G. Meade, Md.	ADC	Baltimore	39-07	76-40
Ft. Knox AAF, Ky.	AWS	Louisville	37-54	85-58
Ft. Riley (Marshall AAF), Kans.	AWS	Topeka	38-58	96-52
Fort Rucker (Cairns AAF), Ala.	AWS	Montgomery	31-17	85-43
Fort Sill (Post AAF), Okla.	AWS	Oklahoma City	34-39	98-24
Fortuna AFS, N. Dak.	ADC	Williston	48-54	103-52
Gainesville, Fla.	Fla. U.	Jacksonville	29-39	82-21
Gettysburg AFS, S. D.	ADC	Huron	45-03	99-57

<u>RADAR STATION</u>	<u>ORGANI- ZATION</u>	<u>NEARBY WEATHER BUREAU STATION</u>	<u>LOCATION</u>	
			<u>N. LAT.</u>	<u>W. LONG.</u>
Gibbsboro, N. J.	ADC	Atlantic City	39-50	74-57
Glenview NAS, Ill.	NAVY	Chicago	42-05	87-49
Glynco NAS, Ga.	NAVY	Jacksonville	31-15	81-28
Grand Bahama, Bahama Is.	ETR#	Miami (from Cape Kennedy)	26-37	78-22
Grand Turk, Bahama Is.	ETR#	Miami (from Cape Kennedy)	21-26	71-09
Griffis AFB, N.Y.	AWS	Syracuse	43-14	75-25
Guthrie AFS, W. Va.	ADC	Charleston	38-27	81-41
Hanna City AFS, Ill.	ADC	Peoria	40-42	89-50
Hastings AFS, Nebr.	ADC	Grand Island	40-35	98-17
Havre AFS, Mont.	ADC	Havre	48-53	109-57
Hill AFB, Utah	AWS	Salt Lake City	41-07	111-58
Homestead AFB, Fla.	AWS	Miami	25-28	80-24
Houma NAS, La.	ADC	New Orleans	29-44	90-41
Hunter AFB, Ga.	ADC	Savannah	32-01	81-10
Hunter AFB, Ga.	AWS	Savannah	32-01	81-10
Hutchinson AFS, Kans.	ADC	Wichita	37-55	97-53
Jacksonville NAS, Fla.	NAVY	Jacksonville	30-14	81-40
James Connally AFB, Texas	AWS	Waco	31-38	97-04
Kalispell AFS, Mont.	ADC	Kalispell	48-01	114-22
Keesler AFB, Miss.	AWS	Mobile	30-24	88-55
Kelly AFB, Tex.	AWS	San Antonio	29-23	98-34
Keno AFS, Oreg.	ADC	Mount Shasta	42-04	121-58
Kirksville AFS, Mo.	ADC	Columbia	40-18	92-35
Kirtland AFB, N. Mex.	AWS	Albuquerque	35-03	106-37
K. I. Sawyer AFB, Mich.	AWS	Marquette	46-21	87-24
Klamath AFS, Calif.	ADC	Eureka	41-34	124-05
Lackland AFB, Texas	ADC	San Antonio	29-24	98-38
Lakehurst NAS, N. J.	NAVY	Atlantic City	40-02	74-20
Langley AFB, Va.	AWS	Norfolk	37-05	76-22
Laredo AFB, Texas	AWS	Laredo	37-32	99-28
Las Vegas AFS, Nev.	ADC	Las Vegas	36-19	115-35
Laughlin AFB, Texas	AWS	Del Rio	29-22	100-47
Lewistown AFS, Mont.	ADC	Billings	47-13	109-13
Lincoln AFB, Nebr.	AWS	Lincoln	40-52	96-45
Little Rock AFB, Ark.	AWS	Little Rock	34-55	92-09
Lockbourne AFB, Ohio	AWS	Columbus	39-49	82-56
Lockport AFS, N.Y.	ADC	Buffalo	43-08	78-50

#Eastern Test Range Station

<u>RADAR STATION</u>	<u>ORGANI- ZATION</u>	<u>NEARBY WEATHER BUREAU STATION</u>	<u>LOCATION</u>	
			<u>N. LAT.</u>	<u>W. LONG.</u>
Lompoc AFS, Calif.	ADC	Santa Maria	34-34	120-30
Loring AFB, Me.	AWS	Caribou	46-48	67-53
Luke AFB, Ariz.	AWS	Phoenix	33-32	112-22
Luke Williams, Ariz.	ADC	Phoenix	32-26	112-57
MacDill AFB, Fla.	ADC	Tampa	27-50	82-28
MacDill AFB, Fla.	AWS	Tampa	27-51	82-30
Makah AFS, Wash.	ADC	Seattle	48-20	124-45
Malstrom AFB, Mont.	ADC	Great Falls	47-30	111-12
Malstrom AFB, Mont.	AWS	Great Falls	47-31	111-10
Marietta AFS, Ga.	ADC	Atlanta	33-54	84-30
Mather AFB, Calif.	ADC	Sacramento	38-33	121-16
Maxwell AFB, Ala.	AWS	Montgomery	32-23	86-21
McConnell AFB, Kans.	AWS	Wichita	37-37	97-16
McCoy AFB, Fla.	AWS	Orlando	28-27	81-18
McGuire AFB, N. J.	AWS	Atlantic City	40-01	74-35
Meridian NAAS, Miss.	NAVY	Meridian	32-33	88-34
Mica Peak AFS, Wash.	ADC	Spokane	47-34	117-05
Miles City AFS, Mont.	ADC	Billings	46-18	105-59
Millington NAS, Tenn.	NAVY	Memphis	35-21	89-52
Minot AFS, N. Dak.	ADC	Williston	48-00	101-18
Minot AFB, N. Dak.	AWS	Williston	48-00	101-18
Montauk AFS, N.Y.	ADC	New York (WBO)	41-04	71-52
Moody AFB, Ga.	AWS	Jacksonville	30-58	83-12
Mount Hebo AFS, Oreg.	ADC	Salem	45-13	123-45
Mt. Laguana AFS, Calif.	ADC	Los Angeles	32-53	116-25
Mt. Lemon AFS, Ariz.	ADC	Tucson	32-27	110-47
Myrtle Beach AFB, S.C.	AWS	Charleston	33-41	78-56
New Orleans NAS, La.	NAVY	New Orleans	29-50	90-01
Norfolk FWF, Va.	NAVY	Norfolk	36-56	76-18
North Bend AFS, Ore.	ADC	Portland	43-32	124-10
North Charleston AFS, S. C.	ADC	Charleston	32-54	80-01
North Truro AFS, Mass.	ADC	Boston	42-02	70-03
Oakdale A.I., Penn.	ADC	Pittsburg	40-24	80-09
Offutt AFB, Nebr.	AWS	Omaha	41-07	95-54
Oklahoma City AFS, Okla.	ADC	Oklahoma City	35-24	97-22
Olathe AFS, Kans.	ADC	Kansas City (NSSFC)	38-50	94-54
Omaha AFS, Nebr.	ADC	Omaha	41-22	96-02
Opheim AFS, Mont.	ADC	Glasgow	48-52	106-29
Osceola AFS, Wis.	ADC	Minneapolis	45-15	92-39
Othello AFS, Wash.	ADC	Walla Walla	46-43	119-11
Otis AFB, Mass.	AWS	Boston	41-39	70-31

<u>RADAR STATION</u>	<u>ORGANI- ZATION</u>	<u>NEARBY WEATHER BUREAU STATION</u>	<u>LOCATION</u>	
			<u>N. LAT.</u>	<u>W. LONG.</u>
Palermo AFS, N. J.	ADC	Atlantic City	39-14	74-41
Patrick AFB, Fla.	ADC	Orlando	28-13	80-36
Patrick AFB, Fla.	AWS	Orlando	28-14	80-36
Patuxent NAS, Md.	NAVY	Washington, D.C.	38-17	76-25
Pease AFB, N. H.	AWS	Boston	43-05	70-49
Pensacola NAS, Fla.	NAVY	Pensacola	30-21	87-19
Perrin AFB, Texas	ADC	Dallas	33-42	96-39
Perrin AFB, Texas	AWS	Dallas	33-43	96-40
Pickstown AFS, S.Dak.	ADC	Sioux Falls	43-05	98-29
Plattsburg AFB, N. Y.	AWS	Burlington	44-39	73-27
Point Arena AFS, Calif.	ADC	San Francisco	38-53	123-33
Pope AFB, N. C.	AWS	Raleigh	35-11	79-01
Port Austin AFS, Mich.	ADC	Alpena	44-02	83-00
Quonset Point FWF, R.I.	NAVY	Providence	41-35	71-25
Ramey AFB, Aquadilla, P.R.	AWS	San Juan	18-30	67-08
Randolph AFB, Texas	AWS	San Antonio	29-32	98-17
Red Bluff AFS, Calif.	ADC	Red Bluff	40-09	122-18
Reese AFB, Texas	AWS	Lubbock	33-36	102-02
Richmond AFS, Fla.	ADC	Miami	25-37	80-24
Roanoke Rapids AFS, N.C.	ADC	Raleigh	36-26	77-44
Robins AFB, Ga.	AWS	Macon	32-38	83-36
St. Albans AFS, Vt.	ADC	Burlington	44-47	73-04
Sanford NAS, Fla.	NAVY	Daytona Beach	28-46	81-17
San Pedro Hill, Calif	ADC	Los Angeles	33-45	118-20
Saratoga Springs AFS, N. Y.	ADC	Albany	43-01	73-41
Sault Ste. Marie AFS, Mich.	ADC	Sault Ste. Marie	46-27	84-23
Scott AFB, Ill.	AWS	St. Louis	38-33	89-51
Selfridge AFB, Mich.	AWS	Detroit Metropoli- tan Airport	42-37	82-50
Selfridge AFB, Mich.	ADC	Detroit Metropoli- tan Airport	42-38	82-50
Sewart AFB, Tenn.	AWS	Nashville	36-00	86-32
Seymour-Johnson AFB, N. C.	AWS	Raleigh	35-20	77-58
Shaw AFB, S. C.	AWS	Columbia	33-58	80-29
Sheppard AFB, Texas	AWS	Wichita Falls	33-59	98-30
Snow Mt. AFS, Ky.	ADC	Louisville	37-54	86-00
State College, Pa.	Penn State	Harrisburg	40-48	77-52
Sudbury, Mass.	USAF GRD**	Boston	71-29	42-25

**United States Air Force Geophysical Research Directorate

<u>RADAR STATION</u>	<u>ORGANI- ZATION</u>	<u>NEARBY WEATHER BUREAU STATION</u>	<u>LOCATION</u>	
			<u>N. LAT.</u>	<u>W. LONG.</u>
Suffolk County AFB, N.Y.	AWS	New York	40-51	72-38
Sundance AFS, Wyo.	ADC	Rapid City	44-29	104-27
Sweetwater AFS, Texas	ADC	Abilene	32-28	100-28
Texarkana AFS, Ark.	ADC	Texarkana	33-27	94-00
Thomasville AFS, Ala.	ADC	Pensacola	31-56	87-45
Tinker AFB, Okla.	AWS	Oklahoma City	32-25	97-24
Tonopah AFS, Nev.	ADC	Reno	38-09	117-12
Turner AFB, Ga.	AWS	Columbus	31-35	84-07
Tyndall AFB, Fla.	ADC	Apalachicola	30-05	85-37
Tyndall AFB, Fla.	AWS	Apalachicola	30-04	85-35
Vance AFB, Okla.	AWS	Oklahoma City	36-20	97-54
Victoria, Texas	Copano	Victoria	28-47	97-05
Wadena AFS, Minn.	ADC	St. Cloud	46-31	95-07
Walker AFB, N. Mex.	AWS	Roswell	33-18	104-32
Wallops Island, Va.	NASA	Wallops Island	37-51	75-29
Watertown AFS, N. Y.	ADC	Syracuse	43-56	75-55
Waverly AFS, Iowa	ADC	Des Moines	42-41	92-29
Webb AFB, Texas	AWS	Midland	32-14	101-30
West Mesa AFS, N. Mex.	ADC	Albuquerque	35-04	106-52
Westover AFB, Mass.	AWS	Hartford	42-12	72-32
Whiteman AFB, Mo.	AWS	Kansas City (NSSFC)	38-44	93-34
Whiting Field NAAS, Fla.	NAVY	Pensacola	30-42	87-01
Williams AFB, Ariz.	AWS	Phoenix	33-11	111-04
Winnemucca AFS, Nev.	ADC	Winnemucca	41-01	117-46
Winston Salem AFS, N.C.	ADC	Greensboro	36-03	80-08
Wright-Patterson AFB, Ohio	AWS	Dayton	39-49	84-03
Wurtsmith AFB, Mich.	AWS	Lansing	44-28	83-22

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W111

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
WEATHER BUREAU
SILVER SPRING, MD. 20910

JDW
11/25/66

November 10, 1966

IN REPLY REFER TO:

W1111

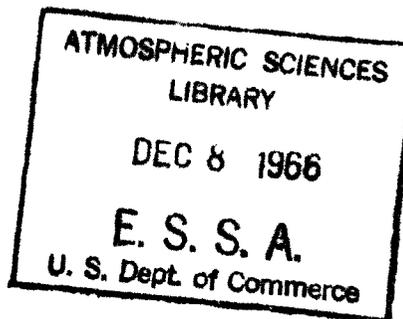
Circular Letter No. 4-66

TO : All Regional Directors, and all First Order Stations
FROM : Associate Director, Weather Bureau (MO)
SUBJECT: Revisions in Forecasters Handbook

In order to avoid the tedious task of write-in changes and to cope with the ever-changing informational content of the facsimile circuits, amendments and updated material will be printed and distributed quarterly or semi-annually. The revision schedule will be determined by the magnitude or importance of changes. The target date for the beginning of this schedule is January 1967. In the interim, the changes that are described in GENOT's will be appropriately referenced to the Forecasters Handbook.

During the month of November some large changes are being planned in the facsimile output. All affected contributors to the facsimile circuits are requested to submit appropriate revisions to reflect the latest existing procedures and methods. In addition, users are urged to evaluate the material in the Forecasters Handbook and also submit pertinent revisions. All relevant material should be addressed to Technical Procedures Branch (W111) Weather Analysis and Prediction Division.

E. M. Vernon
for R. H. Simpson



**U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
WEATHER BUREAU
SILVER SPRING, MD. 20910**

November 16, 1966

IN REPLY REFER TO:
W1421

CIRCULAR LETTER NO. 5-66

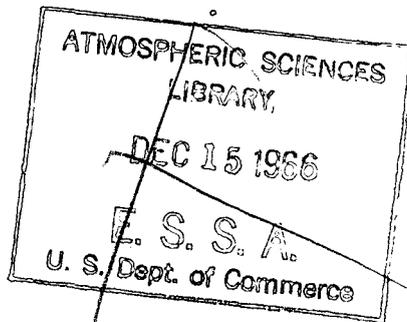
TO : All Regional Directors
FROM : Director, Weather Bureau
SUBJECT : Agreement for Remoting of APT Data

The attached agreement should be executed annually by the Regional Director on behalf of the Weather Bureau in each case where a non-government user desires to obtain a remoted display from a Weather Bureau APT receiver. A copy of the signed agreement should be forwarded to this office.

The agreement anticipates that a local MIC will be appointed to monitor use of the data to whatever extent is reasonable and practical.

When making agreements with users of APT data, Weather Bureau officials should consider potential manpower requirements that may result. An APT receiver might pick up data from three or four consecutive orbits, and an APT specialist might be required to spend 40 to 75 minutes in data acquisition duties for each intercepted orbit. Liaison telephone calls to and from the remote unit and professional interpretation time would constitute an additional workload requirement.

Attachment



George P. Cressman

George P. Cressman

FILE: 657.2

CL 5-66

(Agreement for Remoting of APT Data)

WASHINGTON, D. C.
11-16-66

**U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
WEATHER BUREAU
SILVER SPRING, MD. 20910**

AGREEMENT FOR REMOTING OF METEOROLOGICAL SATELLITE DATA FROM WEATHER
BUREAU APT RECEIVERS

THIS AGREEMENT is entered into on this _____ day of _____, 19____, between the United States of America, Department of Commerce, Environmental Science Services Administration, Weather Bureau, hereinafter referred to as the Government, and _____

hereinafter referred to as the User.

In order to provide for the use of meteorological satellite data the parties do hereby mutually agree:

RESPONSIBILITIES.

A. Government agrees -

(1) To authorize the User, at no cost to the Government, to connect at designated terminals, a remote display link to obtain meteorological satellite data from the Government Automatic Picture Transmission (APT) receiver located at _____.

(2) To reserve the right to authorize remoting to others and not to vest any right to the User or to any particular Users.

B. User agrees -

(1) At no cost to the Government to arrange for connection of a suitable telephone circuit to an existing Government APT receiver and remote display link. Connections to the receiver shall be at terminals designated and approved by the Government. All circuits shall be one-way receive only.

(2) To give full credit and identification to the source of meteorological satellite data and to the interpretations that may be furnished by Government personnel and to take due care to avoid the implication that interpretations by others are those of the Government.

(3) For telecasting or other release of APT-derived information to the general public:

(a) The voice of the Government employee providing interpretation shall not be broadcast directly on television except during warning situations, or during occasional guest appearances.

(b) No visual commercial message shall be superimposed on the graphic display of APT data at any time; there shall be nothing in the announcements associated with telecasts of APT data to indicate or imply that the Government endorses any commercial product advertised.

(c) When weather depictions associated with hurricanes and severe local storms are presented all annotations and commentary relating to position, movement, intensity, etc., must be consistent with the latest Weather Bureau forecasts, warnings, and advisories.

(d) All interpretations of graphic displays shall be made by a qualified employee of the Government, or by an individual who has demonstrated previous experience in meteorological satellite data interpretation and is a Certified Consulting Meteorologist or has qualifications equivalent to those required for Professional Membership in the American Meteorological Society.

(4) That if he originates any report, warning, or forecast incorporating APT data for issue to the general public, or to any individual or organization other than himself, he will do so only under the immediate supervision of a competent professional meteorologist - namely, one who is a Certified Consulting Meteorologist or who has qualifications equivalent to those required for Professional Membership in the American Meteorological Society.

(5) That he will not issue any report, warning, or forecast incorporating APT data for public distribution in any foreign nation including Canada and Mexico without prior clearance through the U. S. Department of Commerce as the coordinating agency for other Departments involved.

(6) To pay all costs and expenses resulting from this agreement.

(7) To assume full responsibility for the use made of any information other than that supplied by the Government, and to hold the Government and its employees harmless for any damage that may arise from this arrangement.

(8) To obtain any necessary permits and to abide by all applicable rules, regulations or laws pertaining to agreements with the Government.

EFFECTIVE DATE. This agreement is effective as of _____ and is valid for one year except that the agreement on the part of the Government may be terminated at the discretion of the Secretary of Commerce or his representative at any time.

LIMITATION. The Government cannot guarantee that the APT system will operate continuously.

COMPENSATION. The benefits accruing to each party shall be full compensation without further liability of either party to the other.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the date first written above.

USER
(Insert Name of Company)

UNITED STATES OF AMERICA
Department of Commerce
Environmental Science
Services Administration
Weather Bureau

By: _____

By: _____

Title: _____

Title: _____