

## U.S. Department of Commerce

NATIONAL BUREAU OF STANDARDS

## RADIO STATION WWV

FORT COLLINS, COLORADO

2.5 MHz-40°40′55′′N, 105°02′31′′W 5 MHz-40°40′42′′N, 105°02′25′′W 10 MHz-40°40'48''N, 105°02'25''W

15 MHz-40°40′45′′N, 105°02′25′′W 20 MHz-40°40′53′′N, 105°02′29′′W

This is to confirm your reception report of WWV

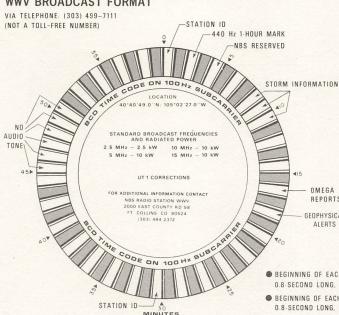
10.0 MHz.1627-1633 UTC 24 Feb 1982

Serial Nº 23786

John B. Milton
Engineer-in-Charge

## WWV BROADCAST FORMAT

U.S DEPARTMENT OF COMMERCE National Bureau of Standards





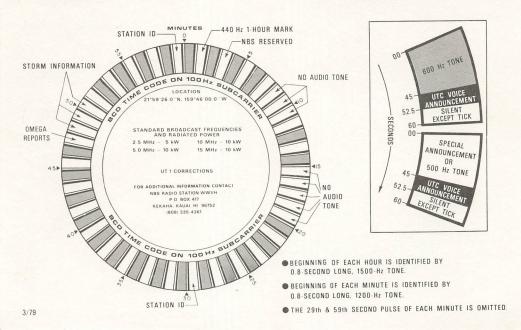
BEGINNING OF FACH HOUR IS IDENTIFIED BY 0.8-SECOND LONG. 1500-Hz TONE

OMEGA

REPORTS

ALERTS

- BEGINNING OF FACH MINITE IS IDENTIFIED BY 0.8-SECOND LONG. 1000-Hz TONE.
- THE 29th & 59th SECOND PHISE OF EACH MINUTE IS OMITTED



Mar. 1923—First scheduled broadcasts of WWV—Washington, D. C.

Jan. 1931—Crystal controlled broadcasts—WWV—College Park, Md. Apr. 1933—WWV gets first 20 kw transmitter—Beltsville, Md.

7. 1735—VVVV gets first 20 kW transmitter—ben

Jan. 1943—WWV relocated to Greenbelt, Md.

Nov. 1948—WWVH commenced transmissions—Maui, Hawaii

Jan. 1950-WWV added voice announcements

Jul. 1956—WWVB (KK2XEI) began 60 kHz broadcasts—Boulder, Colo.

Apr. 1960—WWVL started 20 kHz broadcasts—Sunset, Colo.

Jul. 1963—WWVB began high power broadcasts—Ft. Collins. Colo.

Jul. 1963—WWVB began high power broadcasts—Ft. Collins, Colo.

Aug. 1963—WWVL began high power broadcasts—Ft. Collins, Colo.

Jul. 1964—WWVH added voice announcements

Dec. 1966—WWV relocated to Ft. Collins, Colo.

Jul. 1971—WWVH relocated to Kauai, Hawaii

Jul. 1972—WWVL scheduled transmissions discontinued

## DEPARTMENT OF COMMERCE NATIONAL BUREAU OF STANDARDS Radio Station WWVH P. O. Box, 417 Kekaha, Hawaii 96752

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF COMMERCE
COM 215



Mr. Carl Mann #711 5777 Ridgeview Dr. S.W. Cedar Rapids, Iowa 52404

