



Short-Wave Report

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THE VOICE OF THE ANDES

THE CITY of Quito, Ecuador, located in the Andes Mountains about 10 miles south of the equator and at an altitude of 10,000 feet, is the home of one of the most widely heard short-wave stations in the world: HCJB, *The Voice of the Andes*. A pioneer among missionary broadcasters, HCJB began operations on Christmas Day, 1931. It is now on the air 24 hours a day, seven days a week, on three to five frequencies—depending on the hour.

Eighteen miles east of Quito is the small town of Pifo, where the HCJB transmitters are located. Broadcasts originating in the five different Quito studios are sent via an FM link to Pifo, where they are re-transmitted. Programs are broadcast in Spanish, English, Russian, Swedish, Quechua, Ukrainian, and German.

At Pifo there are five transmitters, two of which are rated in dual service

at 60 kw.: one is used on 6050 kc., the other for medium-wave service on 700 kc. The medium-wave station is often reported as being heard evenings in the United States, even at locations well within the range of WLW, Cincinnati, which is also on 700 kc. The other transmitters are used for short-wave service on 17,890, 15,115, 11,915, and 9745 kc. Each transmitter has two r.f. units with common modulator and power supply.

All of the transmitting equipment was designed and built by HCJB engineers and Ecuadorian technicians.

The antenna system consists of nine steel towers which support eight curtain beam arrays as well as two dipole antennas. The tallest tower is 278 feet high and doubles as the long-wave antenna. A single array can be used for both Australia and Europe by merely reversing the directors and reflectors.

Programing at HCJB includes the

Sponsored by the World Radio Missionary Fellowship, HCJB is an international missionary station located at Quito, Ecuador. Its studios (right) are almost on the equator, but Quito's high altitude keeps temperatures low.



"Southern Cross Salute" at 0130-0430 on 15,115, 11,915, 9745, and 6050 kc.; "Morning in the Mountains" at 0900-1130 and "Quito Calling" at 1400-1830, both on 17,890 and 15,115 kc.; and "Ecuadorian Echoes" at 2100-2330 on 15,115, 11,915, and 9745 kc.

During the "Ecuadorian Echoes," you can hear the "DX Party Line," a program devoted to DX'ers and SWL's which is broadcast on the first Monday of each month at 2100 EST. If you wish, you can send in DX items for possible use on this program. Tips, reports, and general correspondence should be addressed to HCJB, International Service Department, P. O. Box 691, Quito, Ecuador.

Short-Wave Monitors may have noticed the new registration certificate which has been in use for the last couple of months. "Colorful" is the best word to describe it—the black type is set on a gold-and-white background with a green border. All new applicants are receiving the new certificate, and old-timers who wish to turn in their old certificates for new ones may do so.

To become a Short-Wave Monitor registered with POPULAR ELECTRONICS or to obtain a new certificate, all you have to do is follow these simple directions:

1 Fill out the form below. (You must be a short-wave listener presently active in the hobby to be eligible for a certificate.)

2 Address an envelope to yourself, and put a four-cent stamp on it. If you want fast service, use a seven-cent airmail stamp.

3 Dig up 10 cents in coin to cover the cost of the certificate, as well as the handling and registration costs. If you live outside the United States and cannot obtain U.S. coins, either 15 cents in Canadian currency or two International Reply Coupons (IRC's) will do as well.

4 Insert the application form, coins (or IRC's), and stamped, self-addressed envelope in another envelope and mail it to:

Monitor Registration
POPULAR ELECTRONICS
One Park Avenue
New York 16, N.Y.

If you follow steps one through four exactly, your Short-Wave Monitor Certificate will be in the return mail within two weeks. If you already have a certificate that you want to keep, but would like to have a new one as well, be sure to give us your station call sign (WPE.....) when you apply for it.

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SHORT-WAVE MONITOR CERTIFICATE APPLICATION

(Please Print)

Name

Address City Zone State

Receivers	Make	Model
	Make	Model
Principal SW Bands Monitored	Number of QSL Cards Received	
Type of Antenna Used		
Signature	Date	