

Antenna Marks Forecasting Expansion For Wilmington Office

BY SUSAN USHER

NEXRAD, or Next Generation radar, so sensitive it can detect sea breezes, could go into regional use as early as next week if testing goes

satisfactorily.

Installation of the radar's dome antenna at Shallotte was completed last week and UNISYS technicians began installing equipment last

Tuesday at the National Weather Service office at New Hanover International Airport in Wilmington.

"We hope to have the system up and operating by Sept. 15," said meteorological technician Chuck Holtzinger.

NEXRAD has already been installed at offices at Raleigh-Durham International Airport and Morehead City, as well as other sites nationwide, as part of the first major upgrading of the National Weather Service in 30 years.

With its installation, the NWS office in Wilmington is expanding to a forecasting station, with new offices,

new equipment and a team of meteorologists. Previously the site mainly collected information and acted as a dissemination point for watches, warnings and forecasts prepared elsewhere.

The new technology will allow the Wilmington staff to become regional specialists in coastal and offshore weather, according to Al Hinn, who retires later this year after serving as the site's longtime meteorologist-in-charge.

The new radar antenna dome installed at Shallotte is twice as large as that previously used by the Wilmington NWS office, but not the

15 to 20 stories tall Hinn had first anticipated.

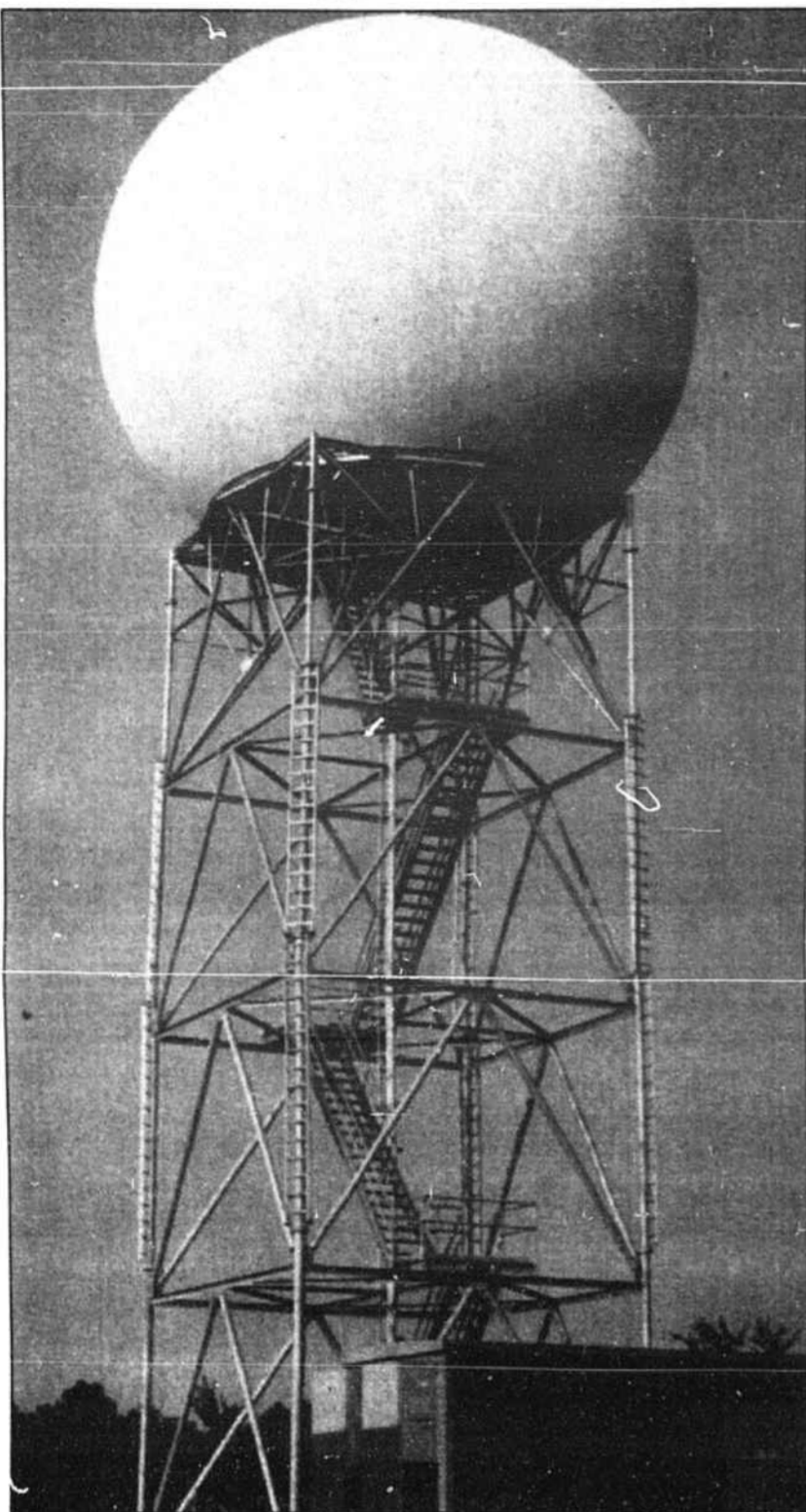
The radar antenna uses the Doppler effect to measure changes in frequency. Frequency increases when the source and observer approach one another and decreases when they move apart. The antenna reaches out with electromagnetic wave "feelers" that enable it to detect and measure motion that is moving towards the area or away from the area, helping provide early warning of severe weather threats.

The radar is so sensitive it detects and allows greater study of sea breezes, which can usher in strong

spring and summer storms. It can also detect the first rotations of a tornado and smoke rising from a fire.

The Wilmington NWS office will offer forecasting services for more counties in South Carolina than in North Carolina, serving its northern coastal and midlands sections from the Myrtle Beach/Grand Strand area, to Florence and Georgetown.

NEXRAD antennae are placed based on the information needs of the various agencies that share the data collected. These include the Department of Defense, Federal Aviation Administration, National Weather Service and others.



STAFF PHOTO BY SUSAN USHER

THIS ANTENNA for the super-sensitive NEXRAD (Next Generation radar) system will collect data for the National Weather Service office in Wilmington. The 38-foot by 39-foot geodesic dome rests on a 66-foot-high tower off N.C. 130 west of Shallotte.

MOVIN' MOVIN' MOVIN' MOVIN' MOVIN' MOVIN' MOVIN' MOVIN' MOVIN' MOVIN' MOVIN'

We're Movin' Out All '94s!

New '94 Probe
Loaded, dual air bags



3.9%

APR up to 48 months
or \$500 Rebate

America's Best Selling Small Car!
New '94 Escort LX Station Wagon



Air, cassette, air bag, cruise control. Stock #8081.
Was \$13,205 Now \$10,872

SAVE \$2,333

New '94 Aspire
43 mpg



Lowest priced car with dual air bags!

New '94 Crown Victoria LX



Loaded with 113 option package, dual air bags. Includes tax & tag. One Red Carpet Lease payment and it's yours for 24 months.

\$11,136

New '94 Ranger XL



Automatic, air, cassette, aluminum wheels. Stock #8414

\$11,590

New '94 Ranger XL SuperCab



We have the hard-to-find Ranger SuperCab with V-6, automatic, air, cruise, tilt, AM/FM stereo

New '94 F150 XLT Super Cab 4x4



This hard-to-find truck has everything, even air bag!

New '94 F150 4x4



Automatic, air, AM/FM cassette, air bag. Stock #8326.

Was \$19,626 Now \$17,386

SAVE \$2,240

Commercial rebate included

America's Best Selling Car!
New '94 Taurus GL



4-door sedan, automatic, air, cassette, 3.8 V-6, power windows and locks, cruise control, tilt wheel, dual air bags. Stock #8209.

Was \$20,140

Now \$17,799

New '94 Aerostar XLT



Quad captain's chairs, high capacity AC, power windows & locks, cassette, air bag.

Was \$24,219
Now \$20,819

SAVE \$3,400

Program Cars ARE HERE!

Jones Ford has just received a special shipment of Program cars—
**Taurus • Tempo
Mustang • Thunderbird**

JUST A SAMPLE OF OUR CLEAN, DEPENDABLE USED CARS

<p>'93 Buick LeSabre Loaded, only 17,000 miles, #U074</p> <p style="font-size: 1.5em; font-weight: bold;">\$14,990</p>	<p>'90 Crown Victoria LX Local, one-owner, low miles, #8308A</p> <p style="font-size: 1.5em; font-weight: bold;">\$8,990</p>	<p>'89 Beretta 2-dr., automatic, air. \$500 down, 30 months, 15.5% APR</p> <p style="font-size: 1.5em; font-weight: bold;">\$156 per month</p>	<p>'92 Chevy S10 4x4 SuperCab Automatic, air, cassette</p>
--	--	--	--



JONES FORD

'91 Suburban

4x4, loaded one owner, great condition

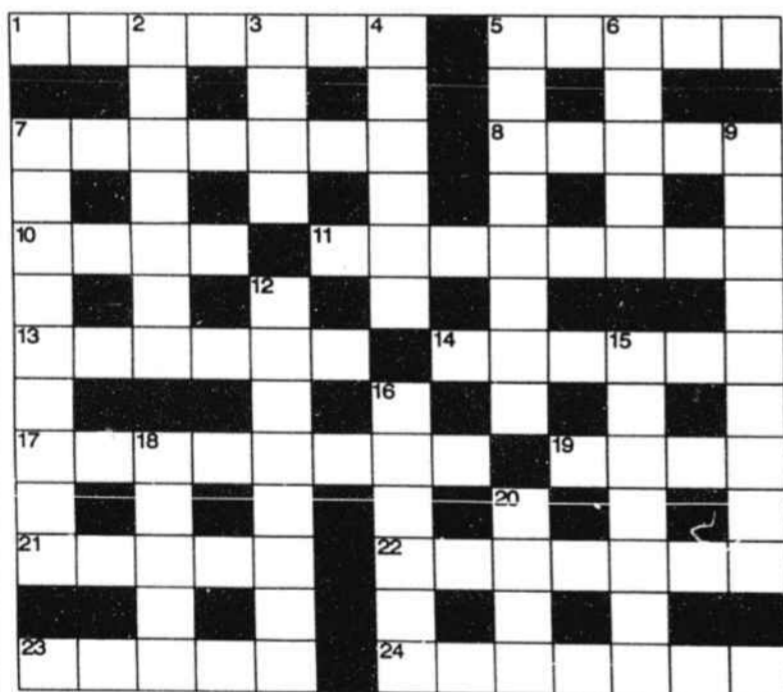


★★★ PRICING NOTICE ★★★

Thank you for shopping at Jones Ford. Please note that we do not tag on other items such as: administration fee, dealer prep or other padded charges.

Thank you

WEEKLY CROSSWORD



CLUES ACROSS

1. Elucidate
5. Orange
7. Variety entertainment
8. Requested
10. Post
11. Interwoven initials
13. Disinter
14. Allot
17. Grace
19. Eject saliva
21. Thin candle
22. Ended
23. Hard
24. Ethically

CLUES DOWN

2. Announce
3. Crooked
4. Idea
5. Envy
6. Forger
7. Capable
9. Controlled
12. Damaged
15. Endanger
16. Shriek
18. Eject
20. Practice boxing

(Answers are on Page 5-C)

TJ'S AUTO ELECTRIC

ALTERNATORS STARTERS
VOLTAGE REGULATORS GENERATORS
REPAIR—REBUILT—EXCHANGED
AUTOMOTIVE WIRING

754-7656

Royal Oak Road & Hwy. 17 N., Shallotte

