

ATTACHMENT 2

RECEIVED

MAR 30 1993

BARAFF, KOERNER, OLENDER & HOCHBERG, P.C.

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

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March 30, 1993

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Donna R. Searcy
Secretary
Federal Communications Commission
1919 M Street, N. W.
Washington, D. C. 20554

WOLF-TV

WWLF-TV

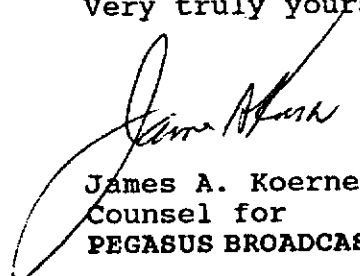
Re: File No. BALCT-921203KW and BALCT-921203KX

Dear Ms. Searcy:

On behalf of Pegasus Broadcast Television, L.P., proposed assignee of Television Stations WOLF, Scranton, Pennsylvania, and WWLF, Hazelton, Pennsylvania, there is transmitted herewith in triplicate a Request for Satellite Status, seeking consent to the continued operation of Station WWLF as a satellite of WOLF.

Should additional information be necessary in connection with this matter, please communicate with this office.

Very truly yours,


James A. Koerner
Counsel for
PEGASUS BROADCAST TELEVISION, L.P.

Enclosures

cc: Laura Johnson, FCC
David Bennett, FCC
James L. Oyster, Esq.

JAK:jeb\26018.03\MAR30'93.FCC

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MAR 30 1993

Before the
Federal Communications Commission
Washington, D.C. 20554

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

| | | |
|----------------------------------|---|--------------------------|
| In re Application of |) | |
| |) | |
| Scranton TV Partners, Ltd., |) | File Nos. BALCT-921203KW |
| (Assignor) |) | BALCT-921203KX |
| |) | |
| and |) | |
| |) | |
| Pegasus Broadcast Television, |) | |
| L.P., (Assignee) |) | |
| |) | |
| For Consent to Assignment of the |) | |
| Licenses of WOLF, Scranton, |) | |
| Pennsylvania and WWLF, Hazelton |) | |
| Pennsylvania |) | |

REQUEST FOR SATELLITE STATUS

Pegasus Broadcast Television, L. P. ("Pegasus"), by its attorneys, hereby requests that the Commission grant its approval for Station WWLF, Hazelton, Pennsylvania, to continue operation as a 100% satellite of Station WOLF, Scranton, Pennsylvania, and grant the above-referenced applications for assignment of license. In support, the following is shown:

In Satellite Television Stations, 6 FCC Rcd. 4212 (1991), the Commission codified the requirements for satellite operation, and set them forth in Note 5 to Section 73.3555(a)(3) of the Commission's Rules. In that document, the Commission established that an application for television satellite status would be entitled to a presumption that such operation is in the public interest if (1) there is no city grade contour overlap between the parent and the satellite; (2) a proposed satellite

would provide service to an underserved area; and (3) no alternative operator is ready and able to construct or to purchase and operate the satellite as a full service station. If all three criteria cannot be met, each application is evaluated on an individual basis. As demonstrated herein, all three criteria are satisfied. Although there is no provision permitting the sale of a parent and satellite to a single buyer, the Commission cannot ignore the existing status of stations.

Station WWLF was placed on the air as a satellite of WOLF in order to allow WOLF to provide coverage comparable to the other stations in the Scranton-Wilkes Barre area. Attachment 1 hereto is a Engineering Exhibit prepared by Craig L. Fox. Mr. Fox is one of the founders of Stations WOLF and WWLF. As such, he is intimately familiar with the reasons why neither station can locate favorably in order to provide coverage similar to that of other stations in the market. This is explained in detail in the Engineering Exhibit. It was for the reasons enunciated therein that the Commission authorized the parent-satellite status.

Also included in the Engineering Exhibit is a demonstration that, utilizing a program supplied by the National Telecommunications and Information Administration (NTIA), utilizing terrain roughness as permitted by Section 73.684 of the Rules, there is no overlap of city grade contours of these stations.

Also attached, as Attachment 2 is an Engineering Statement prepared by Neil M. Smith. This further demonstrates that even if there should be some theoretical overlap of city grade contours, because of the lack of line of sight, any such overlap would occur over unpopulated areas, and that no area of population could receive city grade service from both WOLF and WWLF.

In Television Satellite Stations, the Commission defined an underserved area as one in which there are two or fewer stations licensed to the satellite's community of license, or one in which twenty-five percent or more of the area within the satellite's Grade B contour, but outside the parent station's Grade B contour, received four or fewer television services. Not only is WWLF the only station licensed to Hazelton, but its operating frequency, Channel 56, is the only channel allotted to Hazelton in Section 73.606 of the Rules. Thus, the definition of underserved area is easily met in this instance.

Finally, there is attached hereto a statement of Ted Hepburn, a well recognized media broker and appraiser, outlining the reasons why WWLF has never been, and could not be, operated as a stand alone full service station. Mr. Hepburn further opines that it is unlikely WOLF itself, the parent station, without WWLF as a satellite, would likely be attractive to potential purchasers.

As noted above, Station WWLF has never had any independent existence. Accordingly, it has no track record of revenues. Further, it has no studio equipment, no independent staff, nor any other features of a full service station, save transmitter and antenna. Since the beginning, it has simply been an extension of WOLF in order to compensate for that station's coverage deficiencies.

In view of the foregoing, it is respectfully submitted that, in this instance, Pegasus is entitled to the presumption that continued operation of WWLF as a satellite of WOLF is in the public interest, and that the above-captioned applications for assignment of licenses should be granted.

Respectfully submitted,

PEGASUS BROADCAST TELEVISION, L.P.

By 

James A. Koerner
Its Attorney

BARAFF, KOERNER, OLENDER
& HOCHBERG, P. C.
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Suite 300
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March 30, 1993

Attachment 1

ENGINEERING EXHIBIT

TELEVISION STATIONS
WOLF-TV, Scranton, PA
WWLF-TV, Hazleton, PA

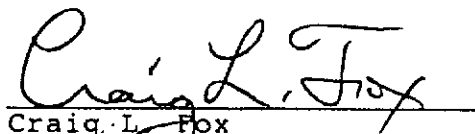
March, 1993

ENGINEERING DISCUSSION IN SUPPORT OF CONTINUED
SATELLITE OPERATION OF WWLF-TV, HAZLETON, PA

CERTIFICATION

I, Craig L. Fox, certify that I am a general partner of WOLF TV Associates, L.P., the sole general partner of Scranton TV Partners, Ltd., that my qualifications as an engineering consultant are a matter of record with the Federal Communications Commission and that I have been requested by Scranton TV Partners, Ltd., licensee of WOLF-TV, Scranton, PA and WWLF-TV, Hazleton, PA, to prepare this statement.

I further state that the information and exhibits contained herein were prepared by me personally or under my direction, and that all facts contained therein are true to my knowledge except where stated to be on information or belief, and as to those facts, I believe them to be true.


Craig L. Fox
4853 Manor Hill Dr.
Syracuse, NY 13215-1336
315-468-0908

Dated: 3/24/93

ENGINEERING DISCUSSION IN SUPPORT OF CONTINUED
SATELLITE OPERATION OF WWLF-TV, HAZLETON, PA

Scranton TV Partners, Ltd. ("STV"), licensee of WOLF-TV, Channel 38, Scranton, PA, and satellite station WWLF-TV, Channel 56, Hazleton, PA, has applications on file with the Commission for the Assignment of Licenses for both stations to Pegasus Broadcast Television, L.P. ("PBT"). In support of the proposed continued operation of WWLF-TV as a satellite, STV has prepared this technical report.

Background

The Wilkes Barre-Scranton area in northeastern Pennsylvania is part of the Pocono mountain range, and is one of the most difficult areas for reliable television coverage, especially for UHF stations. As a result, this region, as well as the Catskill region in upstate New York, became the birthplaces of cable TV.

STV, from its inception, had proposed the use of WOLF-TV, Channel 38, Scranton, and WWLF-TV, Channel 56, Hazleton, as a satellite for several reasons. The most obvious is the terrain. The second, and the primary reason for the need of both facilities was due to minimum distance restrictions.

Four other television stations in the Wilkes Barre-Scranton market (WNEP, WYOU, WBRE, & WVIA) use Penobscot Mountain which is located in the center of the market near Wilkes Barre. This site cannot be used by WOLF-TV because of the minimum spacing requirement for first adjacent station, WLVT, Channel 39,

Allentown, PA. Hence, WOLF-TV's site is approximately 20 miles north of Penobscot Mountain. Penobscot, being the highest central location, effectively blocks WOLF-TV to Hazleton and the southern regions of the market. WWLF-TV, Channel 56, located approximately 20 miles WSW from Penobscot Mt., provides coverage in the southern area where WOLF-TV cannot reach. In addition, WWLF-TV cannot move to Penobscot due to the minimum spacing requirement with respect to Channel 56 in Syracuse, NY. Thus, the only way to provide adequate market coverage is through the continued use of both WOLF-TV and WWLF-TV.

Alternative Methods for Prediction of Coverage

In 1987, STV utilized several computer programs offered by the National Telecommunications and Information Administration ("NTIA"). The programs were used both in the past and at present to better determine more accurately the actual service areas of WOLF-TV and WWLF-TV. The first program "Coverage" was available with terrain roughness and employed the use of the Commission's prediction curves and the formula in 73.684(1):

$$\Delta F = C - 0.03(\Delta h)(1+f/300)$$

where:

ΔF = terrain roughness correction in dB
C = 4.8 (channels 14-69)
 Δh = terrain roughness factor in meters
f = frequency (MHz)

From information in the 1987 study, Figures 1 - 4 show the results of the 64 dBu (Grade B), 74 dBu (Grade A), and the

80 dBu (City Grade) contours. The contours were computed using 24 evenly spaced radials (every 15°) and it can be seen in Figures 3 and 4 that the City Grade contours of WOLF-TV and WWLF-TV do not overlap.

Today, the NTIA's similar program is based on an Area Prediction Mode of an Irregular Terrain Model with formulas including terrain roughness. The program analyses any and all points of topographic data contained in the NGDC data base for retrieval of terrain elevation. It effectively computes and plots contours along an unlimited number of radials based upon the terrain it encounters and in combination with the power and antenna height. The results of this recently run program are contained in Figures 5 - 13. In Figures 5 - 10, the individual contours are plotted for each station at each of the 3 signal levels (64, 74 & 80 dBu) and then in composite form for both stations at each signal level in Figures 11 - 13. Both of these studies used the licensed operating parameters of each station including Effective Radiated Power, antenna height and pattern directivity.

Conclusion

While actual coverage of a station's service area has and continues to be the subject of great technical debate, the two well established alternative methods contained herein clearly show an absence of overlap of the City Grade contours

of WOLF-TV and WWLF-TV.

Based on the foregoing, it is respectfully concluded that, with respect to each other, WOLF-TV and WWLF-TV are in compliance with the Commission's current policy adopted in MM Docket No. 87-8 regarding satellite operation and that continued operation of WWLF-TV, Hazleton, PA, as a satellite of WOLF-TV, Scranton, PA is in the public interest.

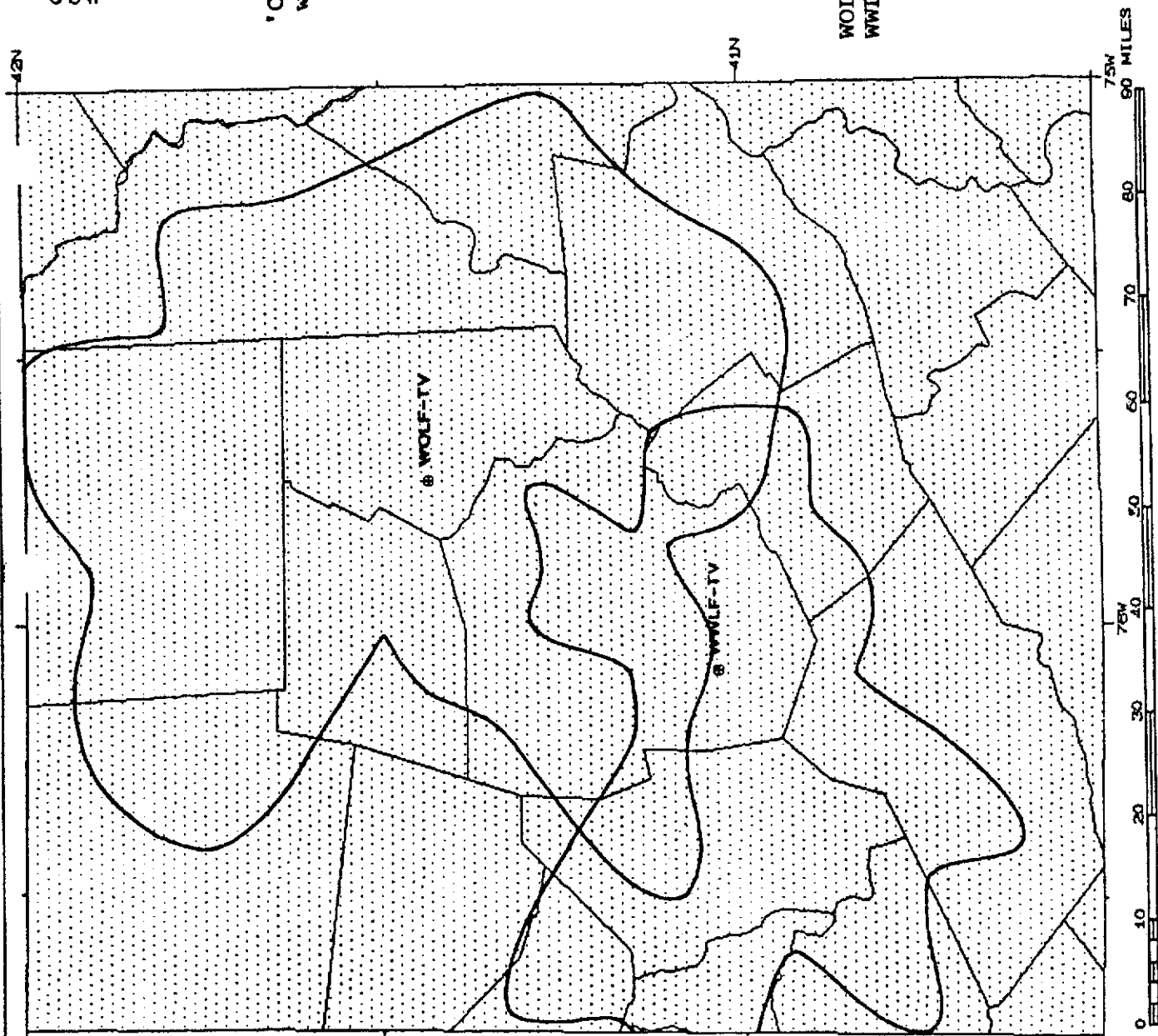
Oralg Fox
Composite Plot
11-Mar-03 09:30:13

FIGURE 1

NTIA
'COVERAGE' Program
w/ terrain roughness

64 dBu
Grade B
Contours

WOLF-TV, Scranton, PA
WWLF-TV, Hazleton, PA



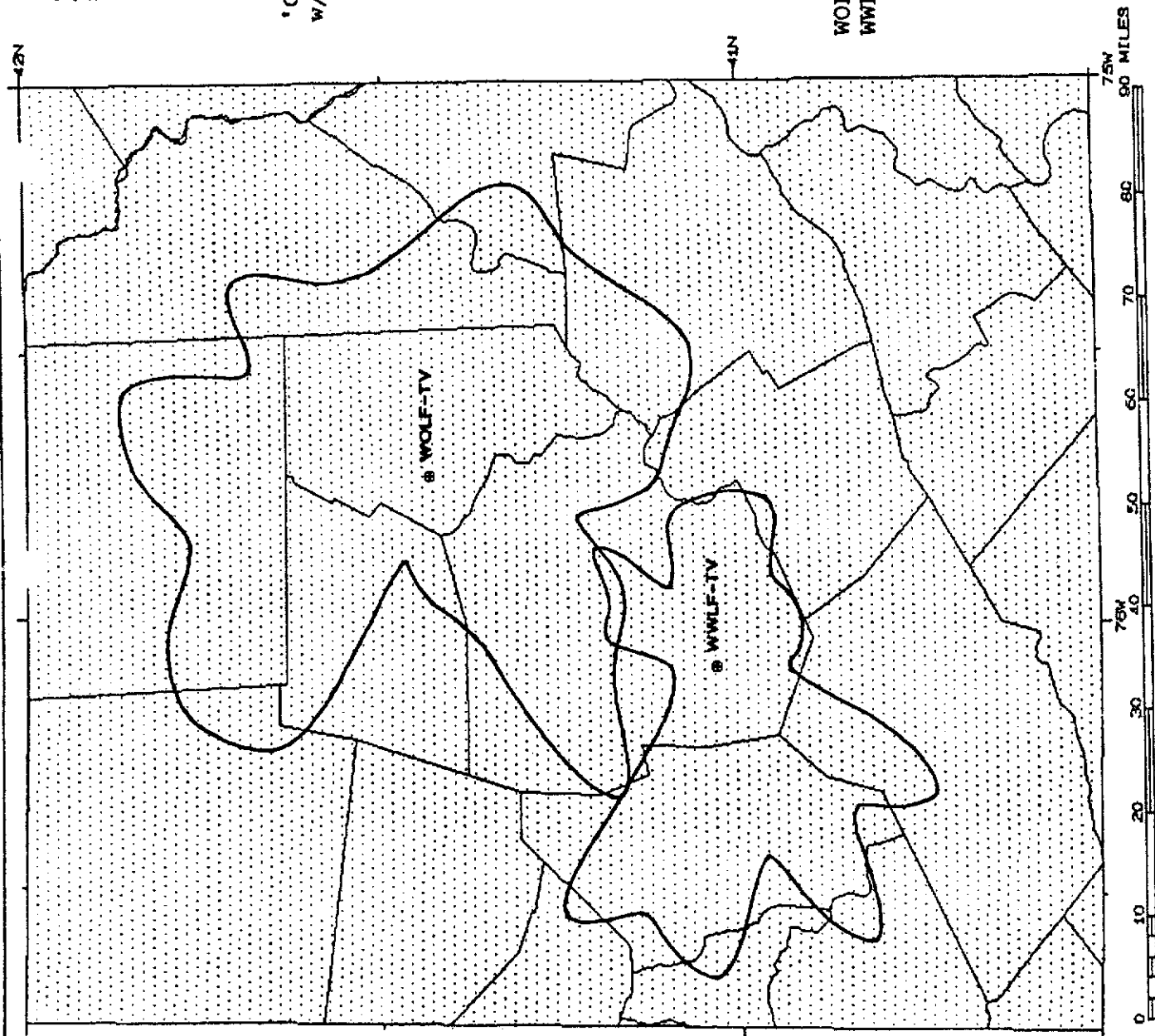
Craig Fox
Composite plot
11-May-03 00:30:13

FIGURE 2

NTIA
'COVERAGE' Program
w/ terrain roughness

74 dBu
Grade A
Contours

WOLF-TV, Scranton, PA
WWLP-TV, Hazleton, PA



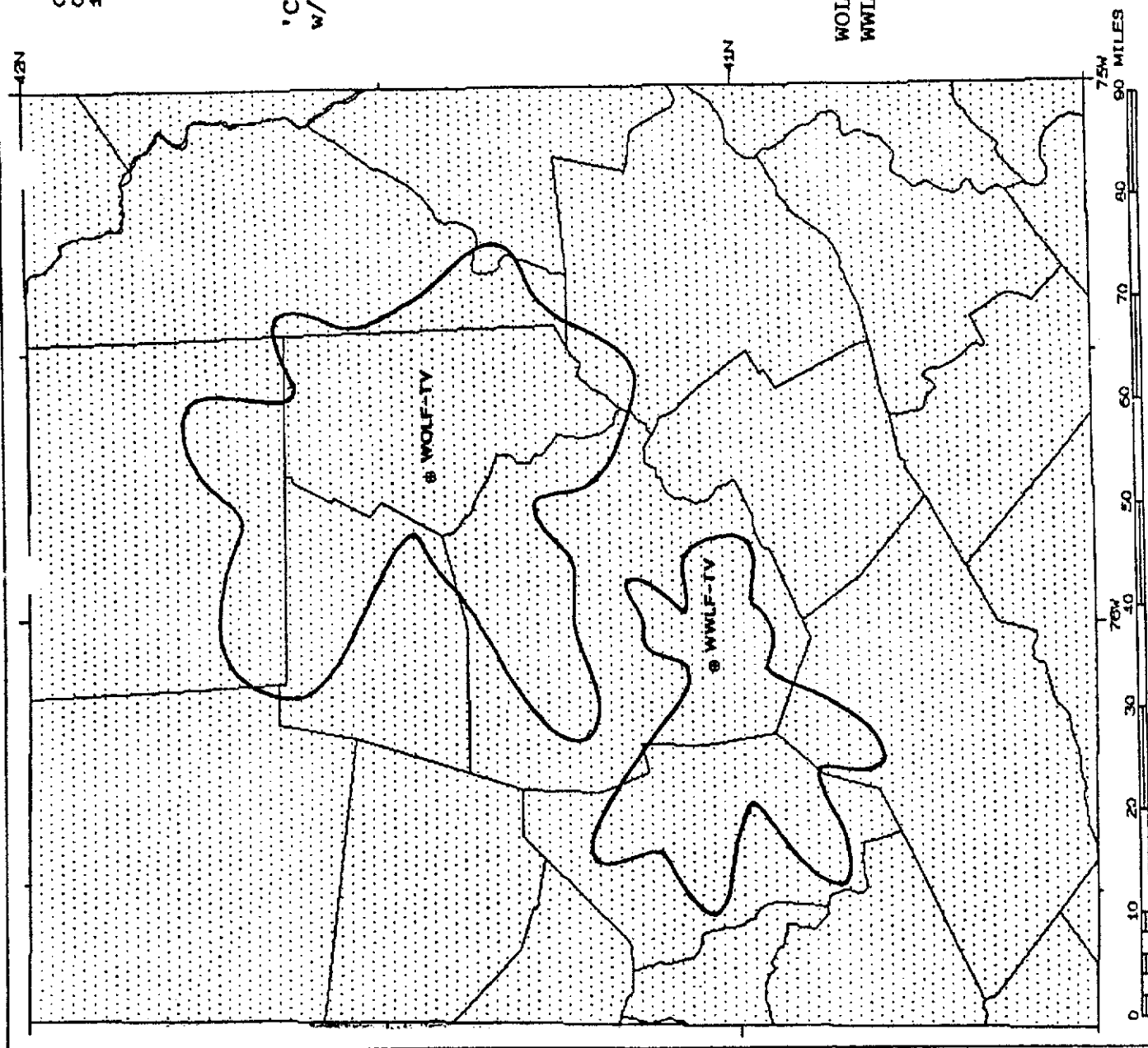
Orig Fox
Composite plot
11-Mar-83 00:30:13

FIGURE 3

NTIA
'COVERAGE' Program
w/ terrain roughness

80 dBu
City Grade
Contours

WOLF-TV, Scranton, PA
WWLF-TV, Hazleton, PA



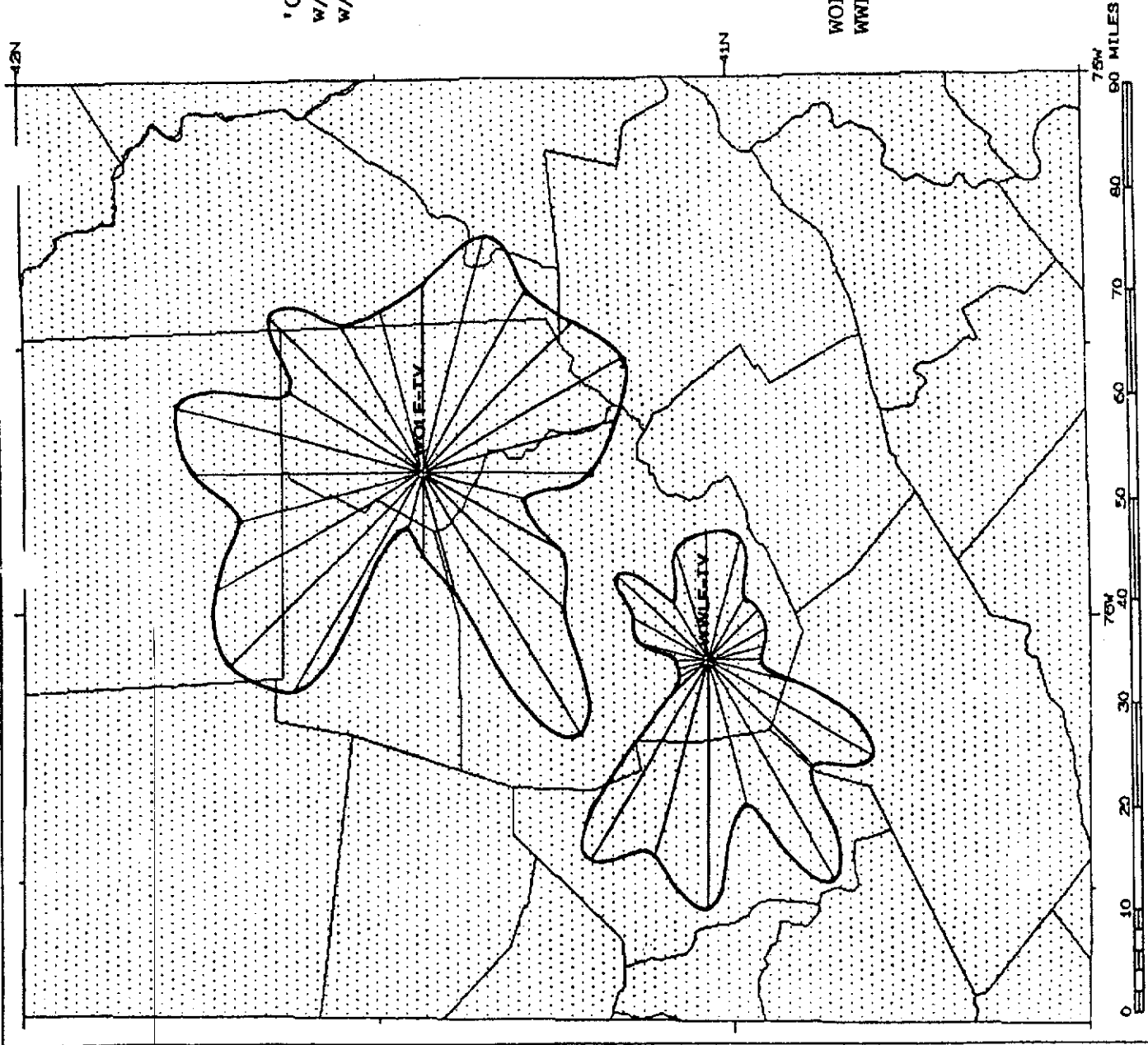
Orig Fox
Composite plot
11-Mar-83 00:32:13

FIGURE 4

NTIA
'COVERAGE' Program
w/ terrain roughness
w/ radials plotted

80 dBu
City Grade
Contours

WOLF-TV, Scranton, PA
WWLF-TV, Hazleton, PA



Craig Fox
Composite plot
11-Mar-93 09:37:33

FIGURE 5

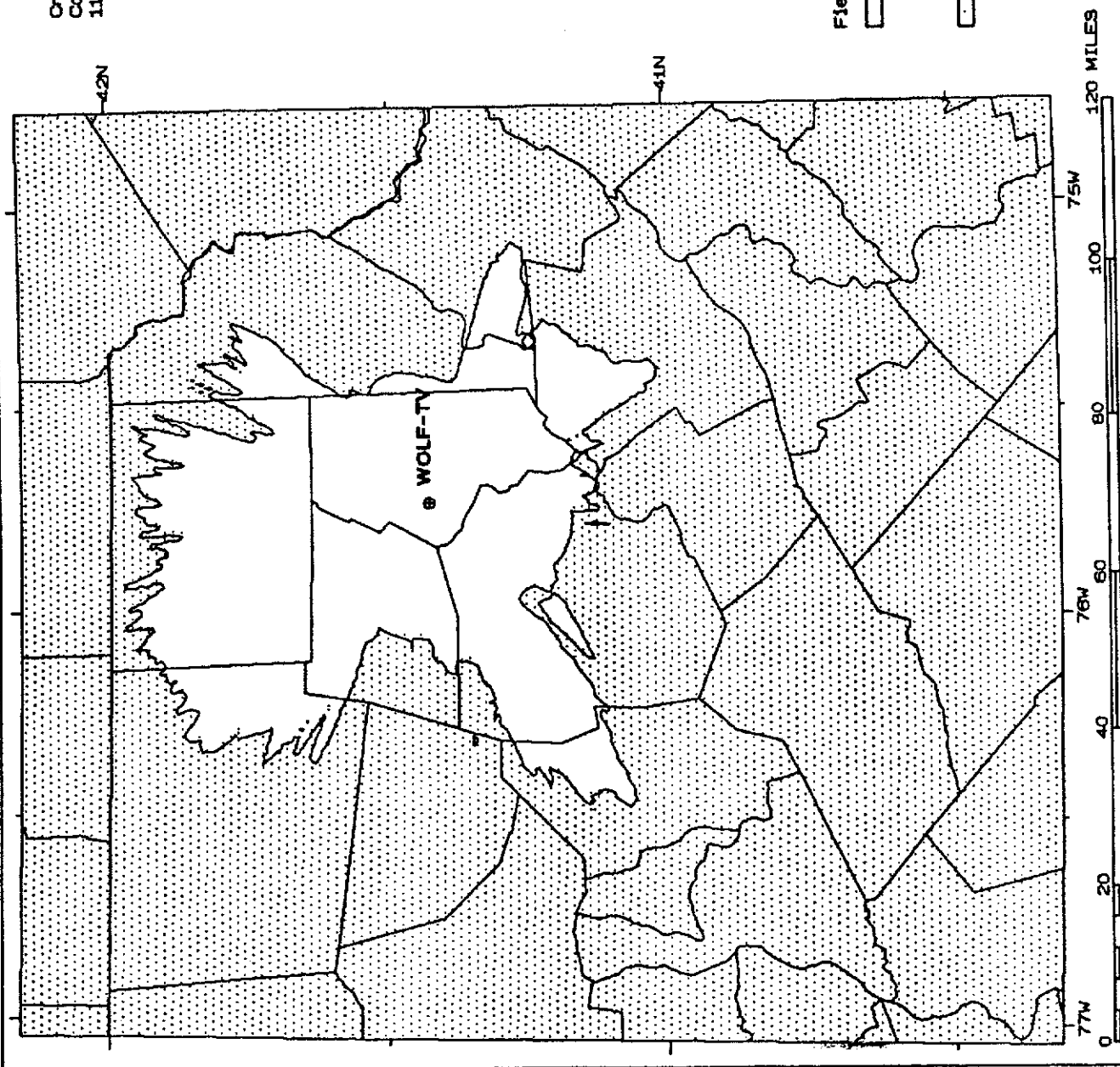
NTIA
CSPM Program
'ITM' Area Mode
w/ terrain roughness

64 dBu
Grade B

WOLF-TV, Scranton, PA

Field Intensity(dBV/m)

- | | |
|--|---------------------|
| <input type="checkbox"/> Greater than 64.0 | Area: 2450. sq. mi |
| | Population: 447000 |
| | Households: 171000 |
| <input type="checkbox"/> Less than 64.0 | Area: 12680. sq. mi |
| | Population: 2400000 |
| | Households: 905000 |



Craig Fox
Composite plot
11-Mar-93 09:37:33

FIGURE 6

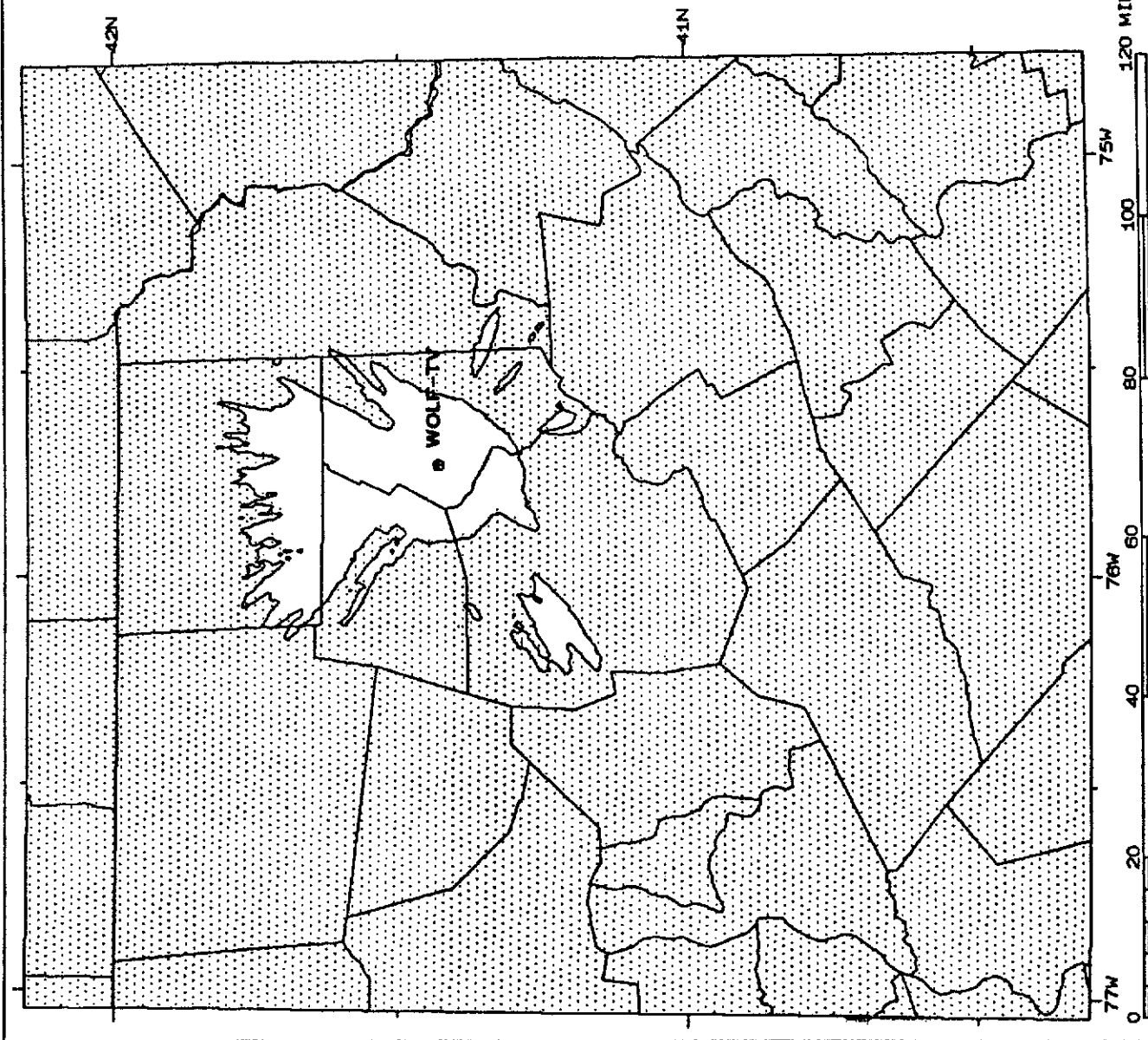
NTIA
CSPM Program
'ITM' Area Mode
w/ terrain roughness

74 dBu
Grade A

WOLF-TV, Scranton, PA

Field Intensity(dBuV/m)

| |
|---------------------|
| Greater than 74.0 |
| Area: 760. sq mi |
| Population: 240000 |
| Households: 83000 |
| Less than 74.0 |
| Area: 14360. sq mi |
| Population: 2616000 |
| Households: 983000 |



Craig Fox
WOLF-TV
11-Mar-83 09:37:33

FIGURE 7

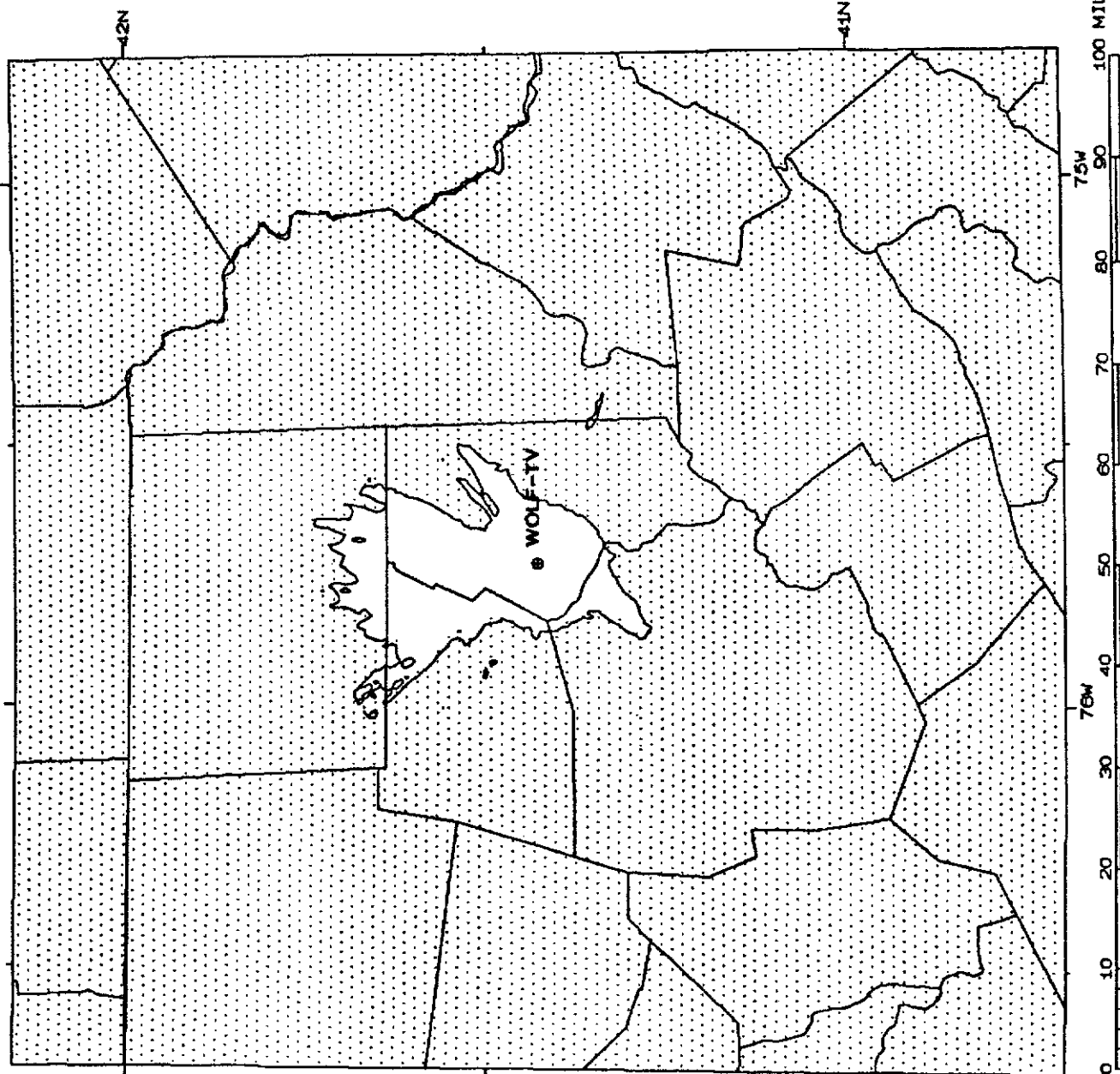
NTIA
CSPM Program
'ITM' Area Mode
w/ terrain roughness

80 dBu
City Grade

WOLF-TV, Scranton, PA

Field Intensity (dBuV/m)

| | |
|---------------------|----------------------|
| Greater than 80.00 | Less than 80.0000 |
| Area: 360.90 sq mi | Area: 9650.90 sq mi |
| Population: 152000. | Population: 1255000. |
| Households: 58000. | Households: 475000. |



Craig Fox
Composite plot
11-Mar-93 08:38:13

FIGURE 8

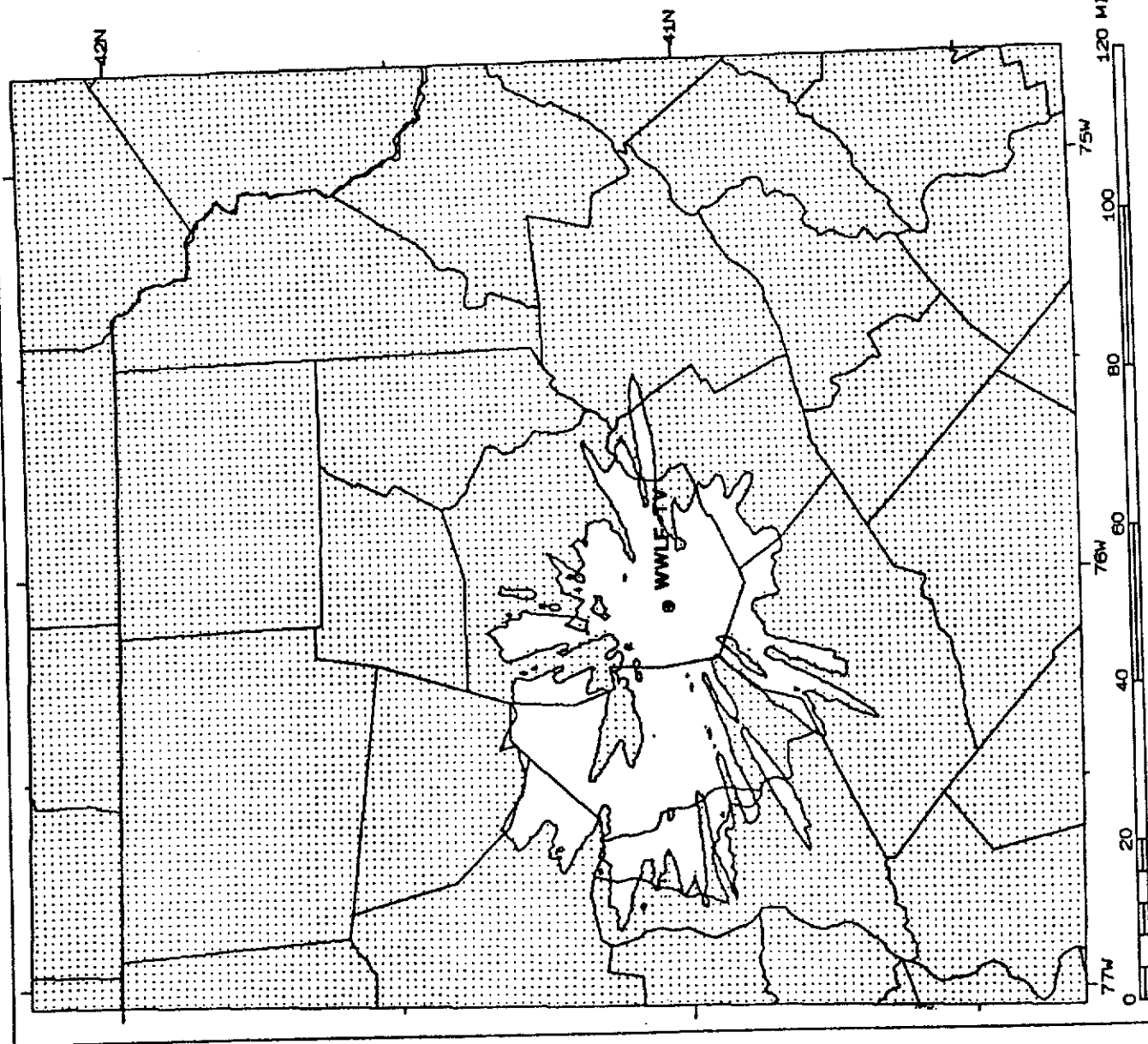
NTIA
CSPM Program
'ITM' Area Mode
w/ terrain roughness

64 dBu
Grade B

WWLP-TV, Hazleton, PA

Field Intensity(dBuV/m)

| | |
|--|----------------------|
| <input type="checkbox"/> Greater than 64.0 | Area: 1200. sq. mi. |
| | Population: 170000. |
| | Households: 69000. |
| <input type="checkbox"/> Less than 64.0 | Area: 13630. sq. mi. |
| | Population: 2670000. |
| | Households: 1005000. |



Craig Fox
Composite plot
11-Mar-93 09:39:13

FIGURE 9

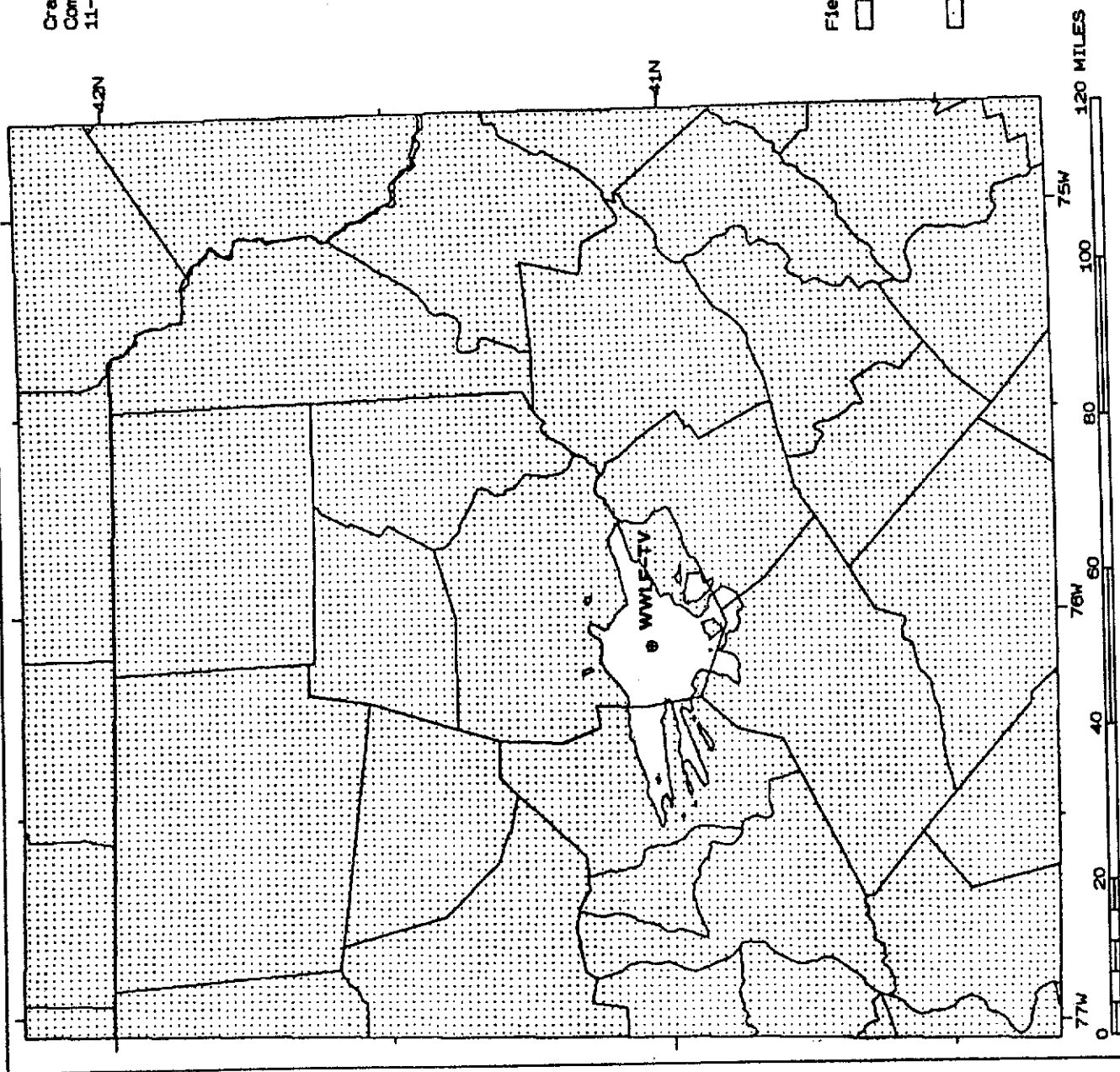
NTIA
CSPM Program
'ITM' Area Mode
w/ terrain roughness

74 dBu
Grade A

WWLP-TV, Hazleton, PA

Field Intensity(dBV/m)

| | |
|--|----------------------|
| <input type="checkbox"/> Greater than 74.0 | Area: 290. sq mi |
| | Population: 89000. |
| | Households: 27000. |
| <input type="checkbox"/> Less than 74.0 | Area: 14830. sq mi |
| | Population: 2780000. |
| | Households: 1046000. |



Craig Fox
WWLF-TV
11-Mar-83 09:39:13

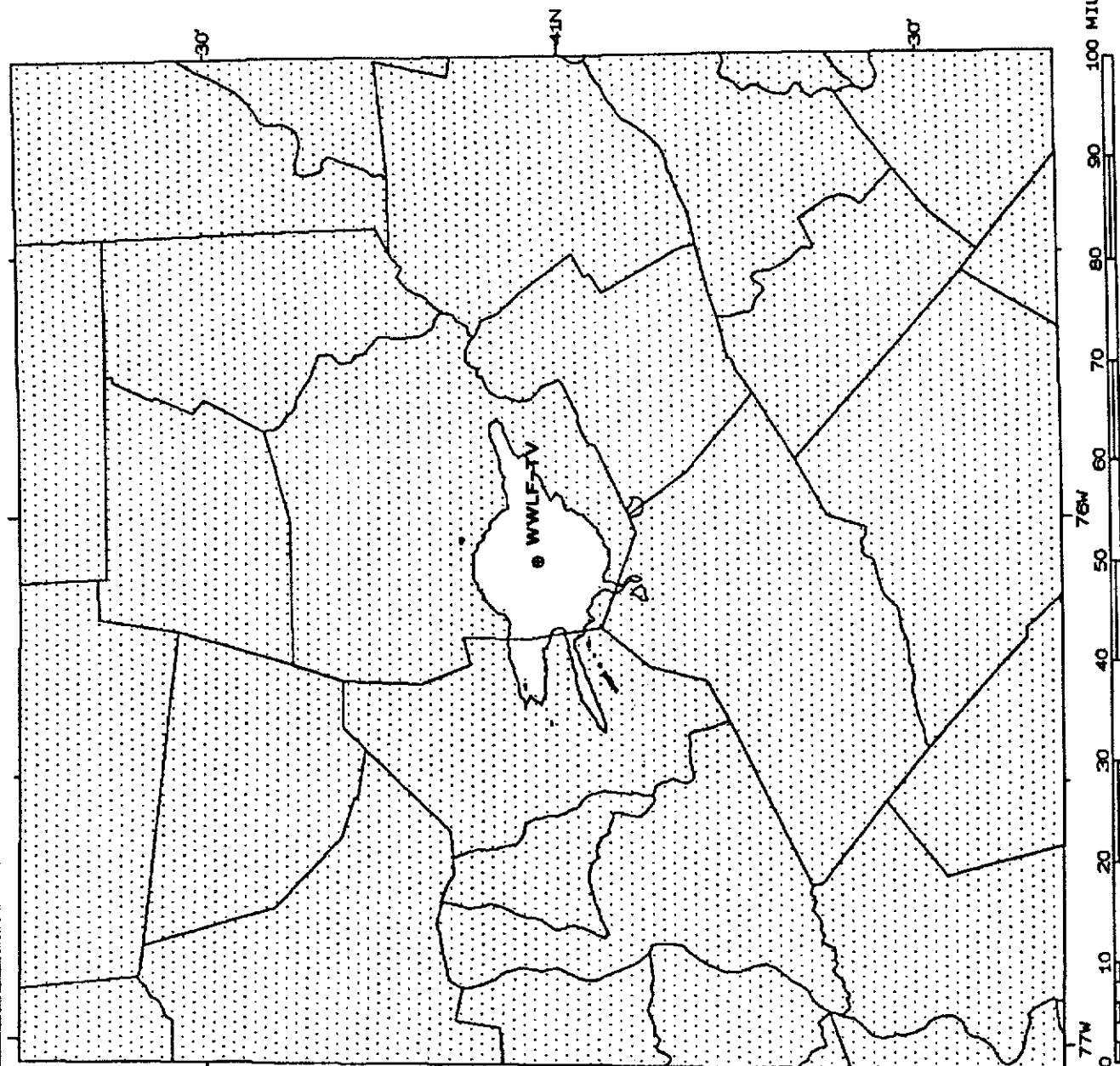
FIGURE 10

NTIA
CSPM Program
'ITM' Area Mode
w/ terrain roughness

80 dBu
City Grade
WWLF-TV, Hazleton, PA

Field Intensity(dBV/m)

| | |
|--------------------------|--------------------|
| <input type="checkbox"/> | Greater than 80.00 |
| Area: | 190. sq mi |
| Population: | 47000. |
| Households: | 16000. |
| <input type="checkbox"/> | Less than 80.0000 |
| Area: | 8820. sq mi |
| Population: | 2167000. |
| Households: | 828000. |



Craig Fox
Composite plot
11-Mar-93 08:39:13

FIGURE 11

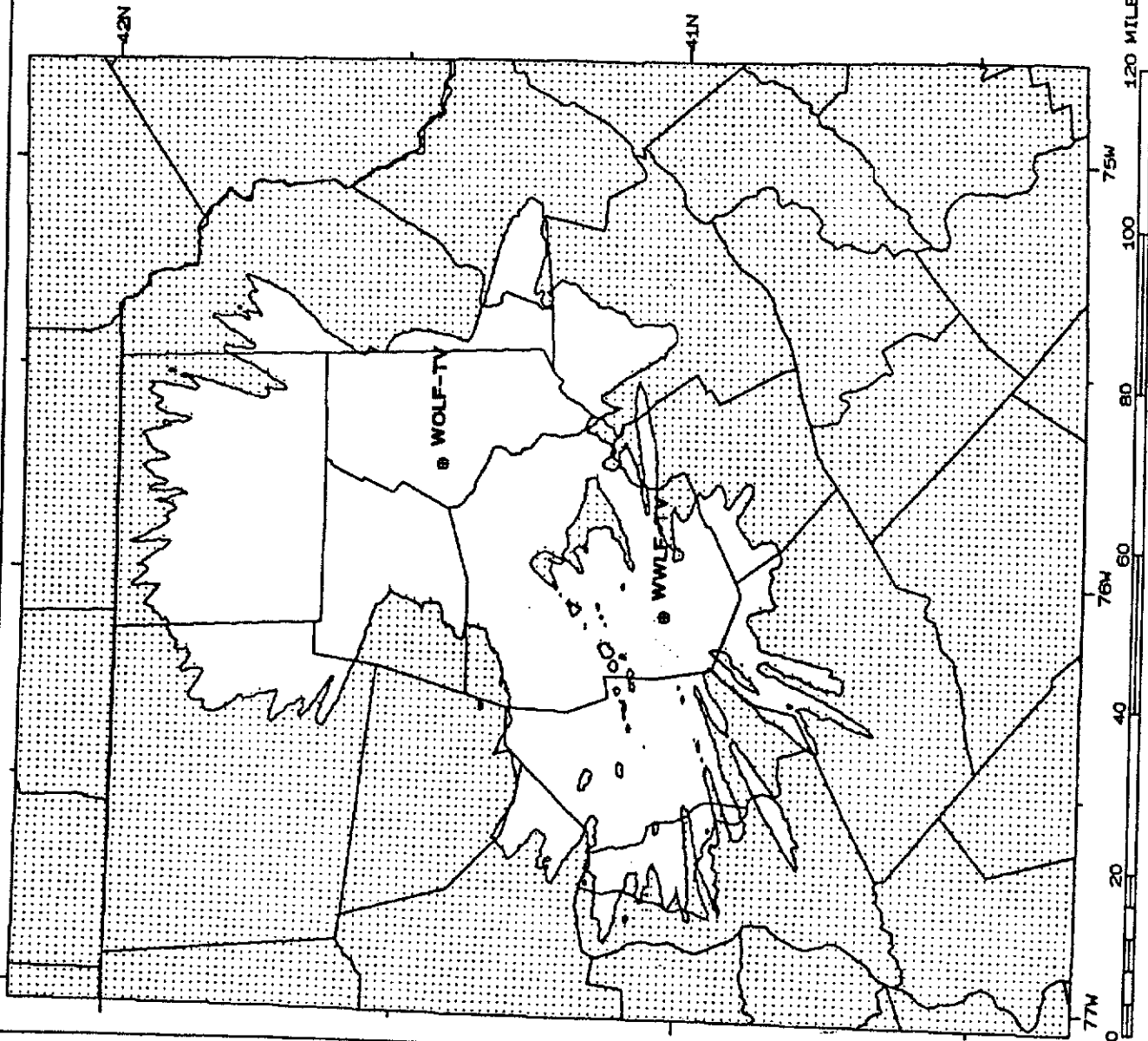
NTIA
CSPM Program
'ITM' Area Mode
w/ terrain roughness

64 dBu
Grade B
Composite

WOLF-TV, Scranton, PA
WWLP-TV, Hazleton, PA

Field Intensity (dBuV/m)

| | |
|--------------------------|---------------------|
| <input type="checkbox"/> | Greater than 64.0 |
| | Area: 3500 sq mi |
| | Population: 618000 |
| | Households: 237000 |
| <input type="checkbox"/> | Less than 64.0 |
| | Area: 11030 sq mi |
| | Population: 2232000 |
| | Households: 837000 |



Craig Fox
Composite plot
11-Mar-93 09:39:13

FIGURE 12

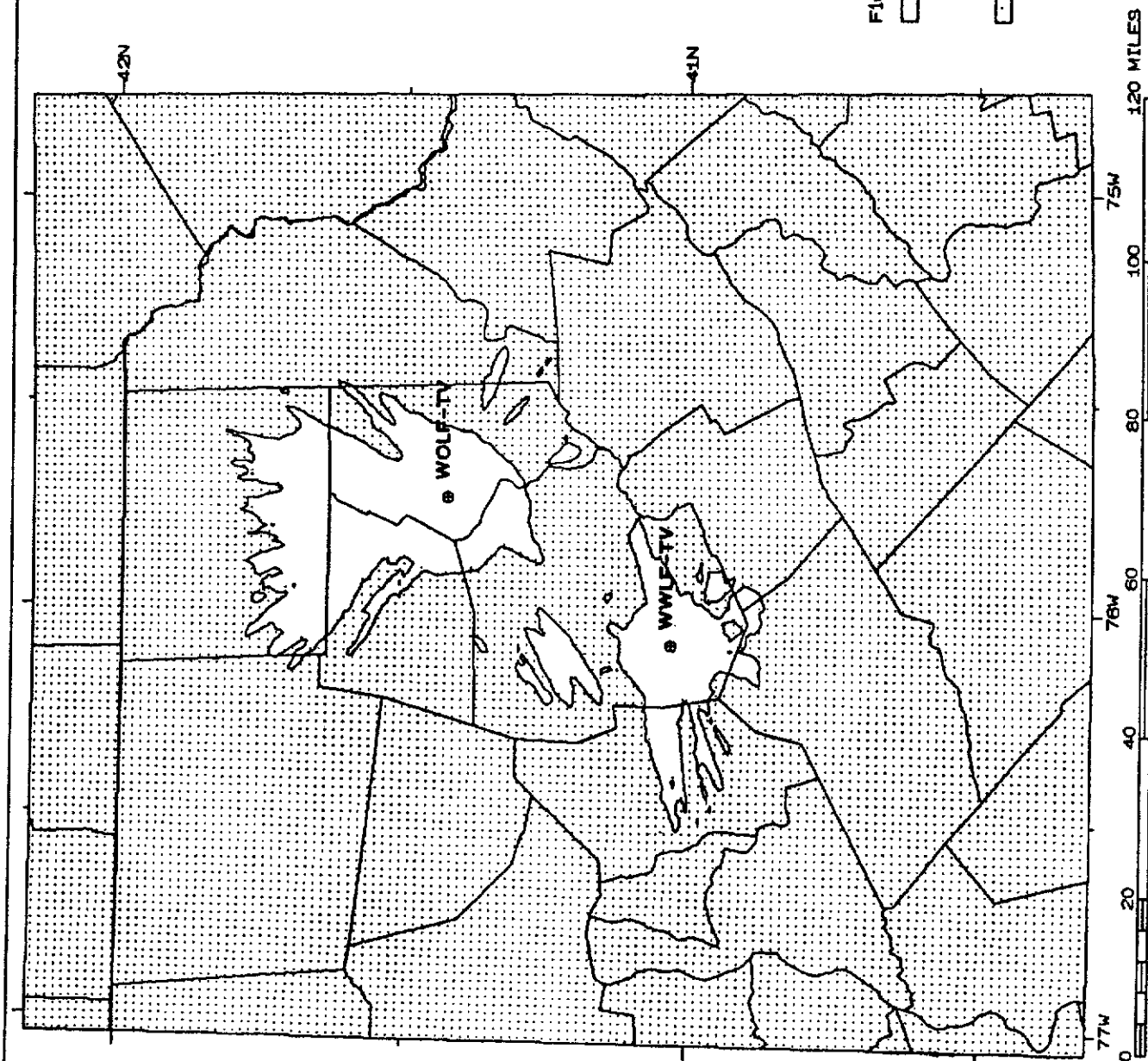
NTIA
CSPM Program
'ITM' Area Mode
w/ terrain roughness

74 dBu
Grade A
Composite

WOLF-TV, Scranton, PA
WWLP-TV, Hazleton, PA

Field Intensity(dBV/m)

| | |
|--------------------|---------------------|
| Greater than 74.0 | Less than 74.0 |
| Area: 1050 sq mi | Area: 14080 sq mi |
| Population: 308000 | Population: 2541000 |
| Households: 119000 | Households: 854000 |



Craig Fox
Composite plot
11-Mar-03 09:39:13

FIGURE 13

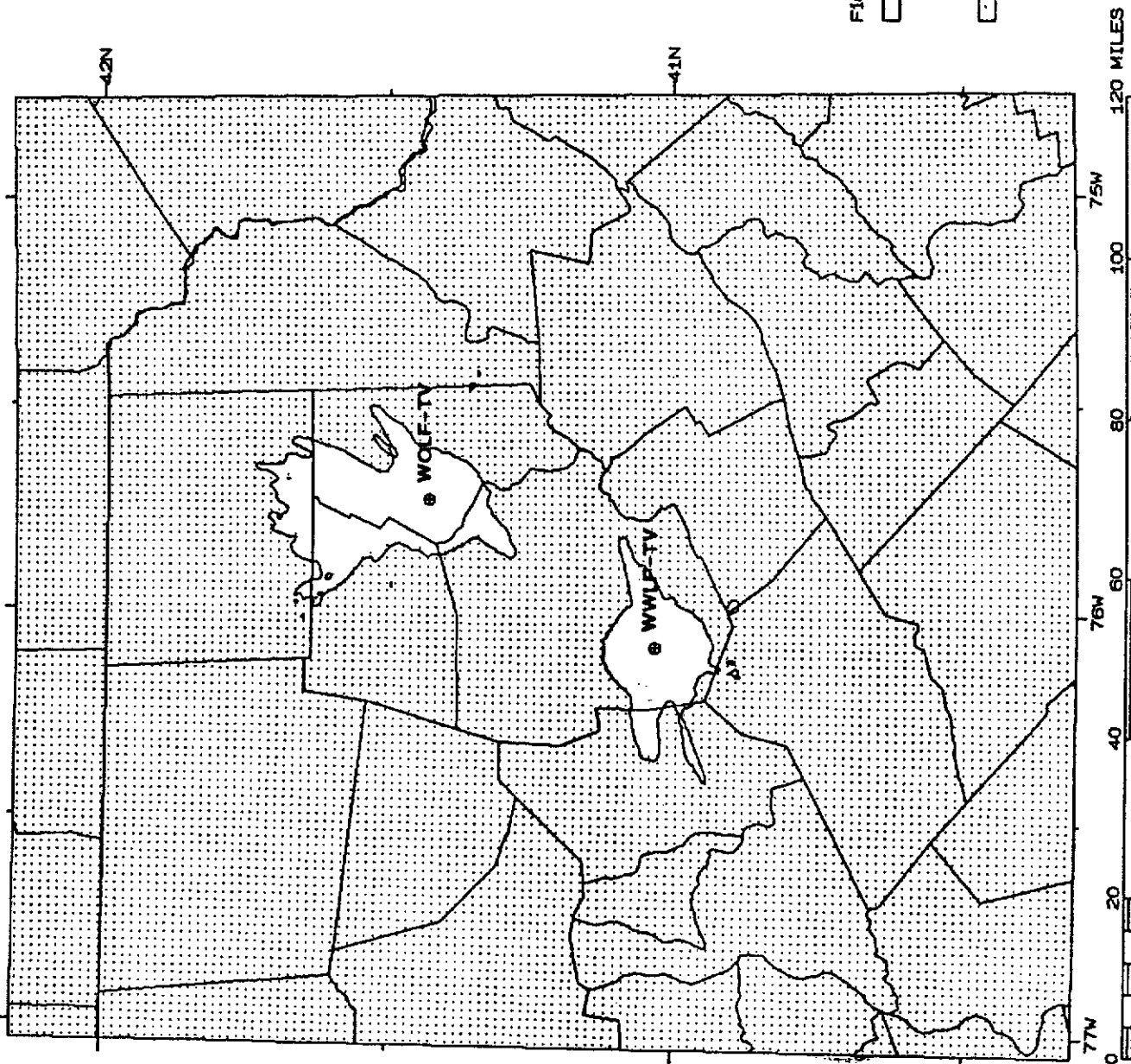
NTIA
CSPM Program
'ITM' Area Mode
w/ terrain roughness

80 dBu
City Grade
Composite

WOLF-TV, Scranton, PA
WWLF-TV, Hazleton, PA

Field Intensity (dBuV/m)

| |
|---------------------|
| □ Greater than 80.0 |
| Area: 550. sq mi |
| Population: 202000 |
| Households: 78000 |
| □ Less than 80.0 |
| Area: 14580. sq mi |
| Population: 2648000 |
| Households: 990000 |



Communications System Performance Model
Input Summary
11-Mar-93 09:37:33

Process Filename: CS000Mar1193B.ques

```

1) Model:                FCC 50,50 Curves
                        With Terrain Roughness
2) Output option:        Field intensity
3) Length units:         English (mi and ft)
4) Service Application:   Broadcast
5) Results option:       Mail only
                        FAX number: 000-000-0000
6) Location variability: 50.00 %
7) Time availability:    50.00 %
8) Situation variability: 50.00 %
10) Frequency:           615.260 MHz
11) Polarization:        Horizontal
12) Conductivity:        .005 S/m
1 Dielectric constant:   15.0
14 Climate zone:         Continental temperate
20) Transmitter name:    WOLF-TV
21) Transmitter location:
                        Latitude      Longitude
                        Deg N         Deg W
                        41.4358 41,26, 8.9  75.7292 75,43,45.1
22) Xmtr site elevation: 609.0 m 1998.2 ft
23) Xmtr ant ht AMSL:    735.18 m 2412.00 ft
23) Xmtr ant ht AGL:     126.14 m 413.83 ft
24) Transmitter radiation option: ERP
24) Effective Radiated Power: 1294196.0 W
    Effective Isotropic Radiated Power: 2123244.8 W
30) Transmitter ant horiz pattern: Omnidirectional
32) Transmitter ant vert pattern:  Omnidirectional
40) Rcvr ant ht above ground: 9.14 m 30.00 ft
50 Man-made noise environment: Quiet rural
5 Corporate name:
57) Color option:        B & W
58) Scale option:        No Scale
59) Quality option:      B & W
60) Plot name:           WOLF-TV
62) Plot center:
                        Latitude      Longitude
                        Deg N         Deg W
                        41.4358 41,26, 8.9  75.7292 75,43,45.1
63) Plot size:           160.93 km 100.00 mi
64) Plot Roads option:   No Roads
66) Field intensity contour levels:
                        1) 80.00 dBuV/m
66) Contour Legend label: Field Intensity(dBuV/m)
66) Contour labels and colors:
                        Contour levels      Labels      Colors
                        -----
                        1 Less than 80.00 Less than 80.0000 N/A(B & W)
                        2 Greater than 80.00 Greater than 80.00 Red
67) Political boundaries: County and State
68) Landmarks:           None

```

Communications System Performance Model
Input Summary
11-Mar-93 09:39:13

Process Filename: CS000Mar1193C.ques

1) Model: FCC 50,50 Curves
With Terrain Roughness
2) Output option: Field intensity
3) Length units: English (mi and ft)
4) Service Application: Broadcast
5) Results option: Mail only
FAX number: 000-000-0000
6) Location variability: 50.00 %
7) Time availability: 50.00 %
8) Situation variability: 50.00 %
10) Frequency: 723.250 MHz
11) Polarization: Horizontal
12) Conductivity: .005 S/m
13) Dielectric constant: 15.0
14) Climate zone: Continental temperate
20) Transmitter name: WWLF-TV
21) Transmitter location:
Latitude Longitude
Deg N Deg W
41.0369 41, 2, 12.8 76.0853 76, 5, 7.1
22) Xmtr site elevation: 525.9 m 1725.4 ft
23) Xmtr ant ht AMSL: 671.00 m 2201.44 ft
23) Xmtr ant ht AGL: 145.11 m 476.09 ft
24) Transmitter radiation option: ERP
24) Effective Radiated Power: 1000000.0 W
Effective Isotropic Radiated Power: 1640589.8 W
30) Transmitter ant horiz pattern: Directional
31) Directional ant reference azimuth: .0 deg E of N

Horizontal directional pattern data

| No. | Azimuth (True N) (deg) | Azimuth (ref) (deg) | Gain relative to pattern maximum (dB) |
|-----|------------------------------|---------------------------|--|
| --- | ----- | ----- | ----- |
| 1 | .00 | .00 | -13.15 |
| 2 | 15.00 | 15.00 | -12.77 |
| 3 | 30.00 | 30.00 | -12.04 |
| 4 | 45.00 | 45.00 | -13.15 |
| 5 | 60.00 | 60.00 | -11.06 |
| 6 | 75.00 | 75.00 | -6.94 |
| 7 | 90.00 | 90.00 | -3.35 |
| 8 | 105.00 | 105.00 | -1.21 |
| 9 | 120.00 | 120.00 | -.18 |
| 10 | 135.00 | 135.00 | .00 |
| 11 | 150.00 | 150.00 | -.26 |
| 12 | 165.00 | 165.00 | -.63 |
| 13 | 180.00 | 180.00 | -.35 |
| 14 | 195.00 | 195.00 | -.09 |
| 15 | 210.00 | 210.00 | .00 |
| 16 | 225.00 | 225.00 | -.26 |

| | | | |
|----|--------|--------|-------|
| 17 | 240.00 | 240.00 | -.63 |
| 18 | 255.00 | 255.00 | -.63 |
| 19 | 270.00 | 270.00 | -.18 |
| 20 | 285.00 | 285.00 | -.09 |
| 21 | 300.00 | 300.00 | -.63 |
| 22 | 315.00 | 315.00 | -3.10 |
| 23 | 330.00 | 330.00 | -5.04 |
| 24 | 345.00 | 345.00 | -9.12 |

32) Transmitter ant vert pattern: Omnidirectional
 40) Rcvr ant ht above ground: 9.14 m 30.00 ft
 50) Man-made noise environment: Quiet rural

56) Corporate name:
 57) Color option: B & W
 58) Scale option: No Scale
 59) Quality option: B & W
 6 Plot name: WWLF-TV

62) Plot center: Latitude Longitude
 Deg N Deg W
 41.0369 41, 2, 12.8 76.0853 76, 5, 7.1
 160.93 km 100.00 mi

63) Plot size:

64) Plot Roads option: No Roads

66) Field intensity contour levels:
 1) 80.00 dBuV/m

66) Contour Legend label: Field Intensity(dBuV/m)

| Contour labels and colors: | | Contour levels | Labels | Colors | |
|----------------------------|--------------|----------------|--------------|---------|------------|
| | | ----- | ----- | ----- | |
| 1 | Less than | 80.00 | Less than | 80.0000 | N/A(B & W) |
| 2 | Greater than | 80.00 | Greater than | 80.00 | Red |

67) Political boundaries:

6 Landmarks: None

County and State

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of PEGASUS BROADCAST TELEVISION, L. P., prospective assignee of WOLF-TV, Scranton, Pennsylvania, and WWLF-TV, Hazleton, Pennsylvania.

WWLF-TV, under present ownership, operates as a satellite of WOLF-TV, and such operation is intended to continue under the new ownership. However, there is substantial predicted overlap of the 80 db μ (City Grade) contours of the two stations, which violates the current Rules for satellite authorizations. It is the intent herein to demonstrate that no substantive overlap of the service areas of these two stations actually exists.

Attached as Figure 1 is a Sectional Aeronautical Chart on which have been plotted pertinent portions of the two 80 db μ contours. As shown, there appears to be a large area of overlap, but this appearance is deceiving. Although this map is a black-and-white reproduction of the original, one may still see the elevation shadings. The lightest shadings in this reproduction clearly define the lowest and the highest elevations. There is a large, lightly shaded area in the northwestern part of the overlap area, South Mountain, which is virtually uninhabited. Similarly, the Pocono Mountain area, famous for its ski resorts but with few full-time residents, begins in the southeast. Essentially, the greatest concentration of population is in the lightly shaded area on either side of the Lackawana/Susquehanna River Valley. This reflects the normal tendency of

people in mountainous regions to locate in the valleys, since the highland fishing lakes and ski trails are too isolated for year-around residence. Thus, overlap in uninhabited areas may be disregarded in this situation, as it is in so many other contexts, and, practically speaking, one need consider only the valley portions of the 80 db μ overlap areas.

The situation is shown another way in Figure 2, where the predicted overlap area has been transferred to a U. S. Census Minor Civil Division map, on which we show the Scranton/Wilkes-Barre Urbanized Area. This, too, shows that the populated areas lie in the central river valley, and that there are few communities northwest and southeast of this valley.

Returning to Figure 1, the location of the Penobscot Mountain range has been shown, as well as the transmitter sites of the of the other operating television stations in the Wilkes-Barre/Scranton market. WOLF-TV cannot locate with its competitors because of spacing constraints; it is obviously well separated from them.

Figure 3 helps to explain the situation. This is a terrain profile graph from the WOLF-TV transmitter site through the WWLF-TV transmitter site. The unusual feature of this profile is the presence of Penobscot Mountain between the two facilities. As shown, the WOLF-TV transmissions are shadowed at locations south of Penobscot Mountain, while the WWLF-TV transmissions are shadowed at locations north of this mountain. Quite clearly, the Penobscot Mountain range splits the market, with the northern portion served only by WOLF-TV and the southern portion served only by WWLF-TV. Since both stations operate in the UHF band, it is

realistic to presume that where line of sight does not exist, service does not exist.

Interestingly, the other stations in the market are able to serve both portions of the market, because they are located atop Penobscot Mountain and thus have line of sight into both areas. The shadowing of the other stations occurs in the smaller communities north of Wilkes-Barre, which are beyond Bald Mountain, from which WOLF-TV operates. For this reason, all other stations in the market operate translators on Bald Mountain to serve the communities of Clarks Summit, Dalton, Dickson City, and Waverly. These communities are well within the predicted service areas of those stations but do not receive direct service, due to the same terrain problems that require WOLF-TV to operate a satellite station if it is to service its entire market.

On this basis, while there is predicted overlap of the WOLF-TV and WWLF-TV 80 dbμ contours, there is no duplication of service in populated areas. The vast majority of television viewers in this market may receive Fox Network programming either from WOLF-TV or WWLF-TV, but not from both.

I declare under penalty of perjury that the foregoing statements and the attached exhibits are true and correct to the best of my knowledge and belief.


NEIL M. SMITH

March 26, 1993

NEW YORK
SECTIONAL AERONAUTICAL CHART
SCALE 1:500,000

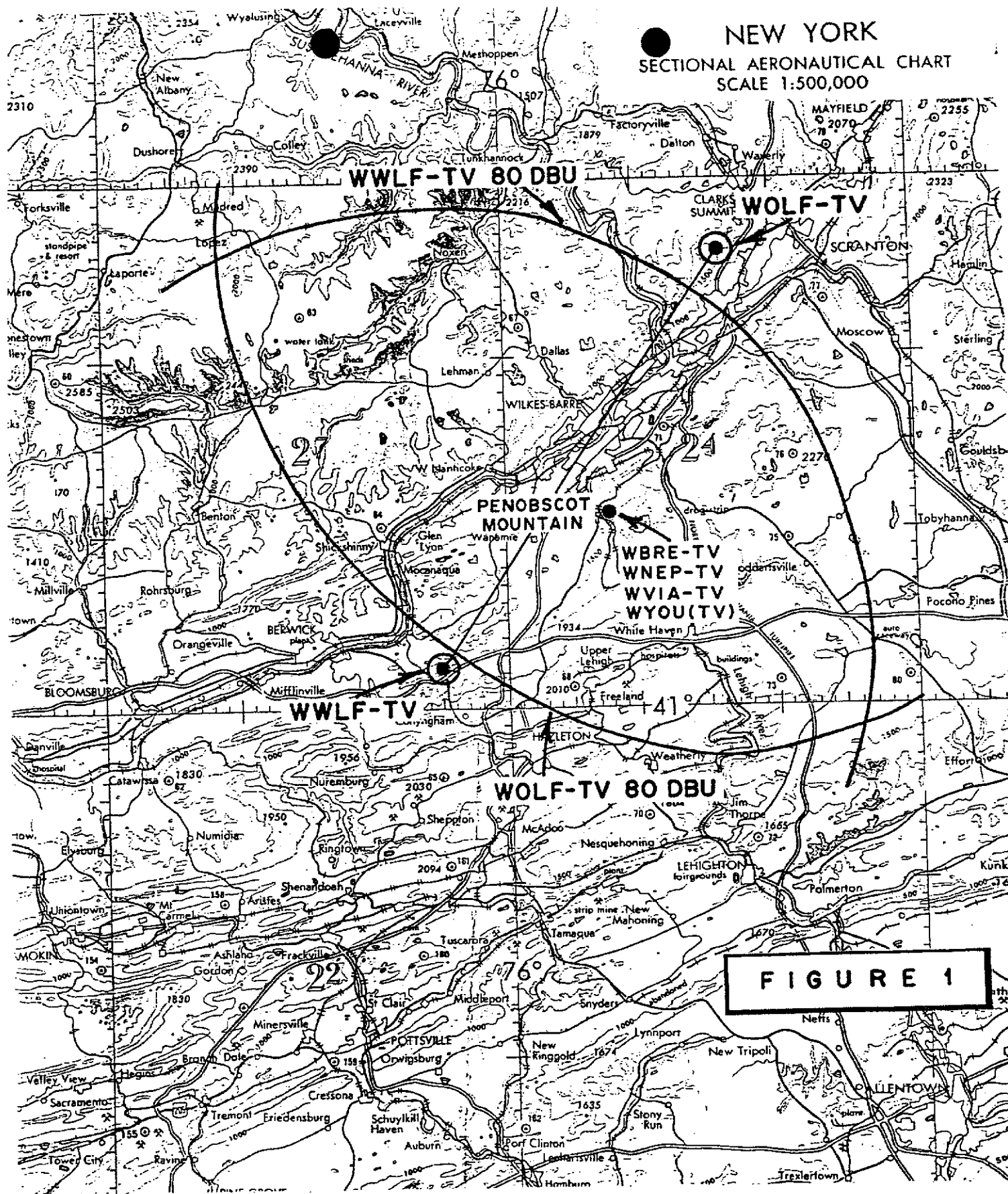


FIGURE 1

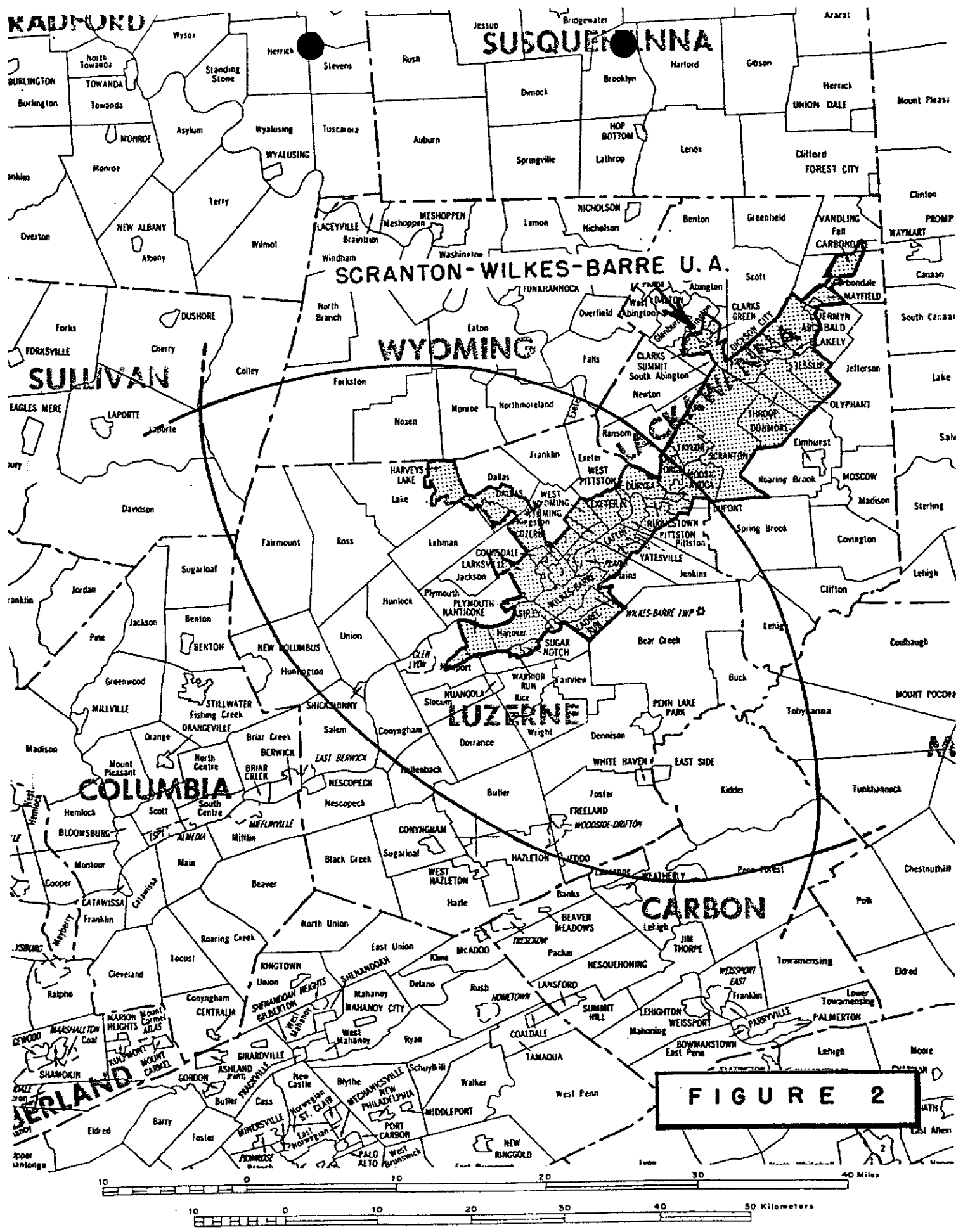


FIGURE 2

SCALE USED - A

$\frac{4}{3}$ EARTH RADIUS

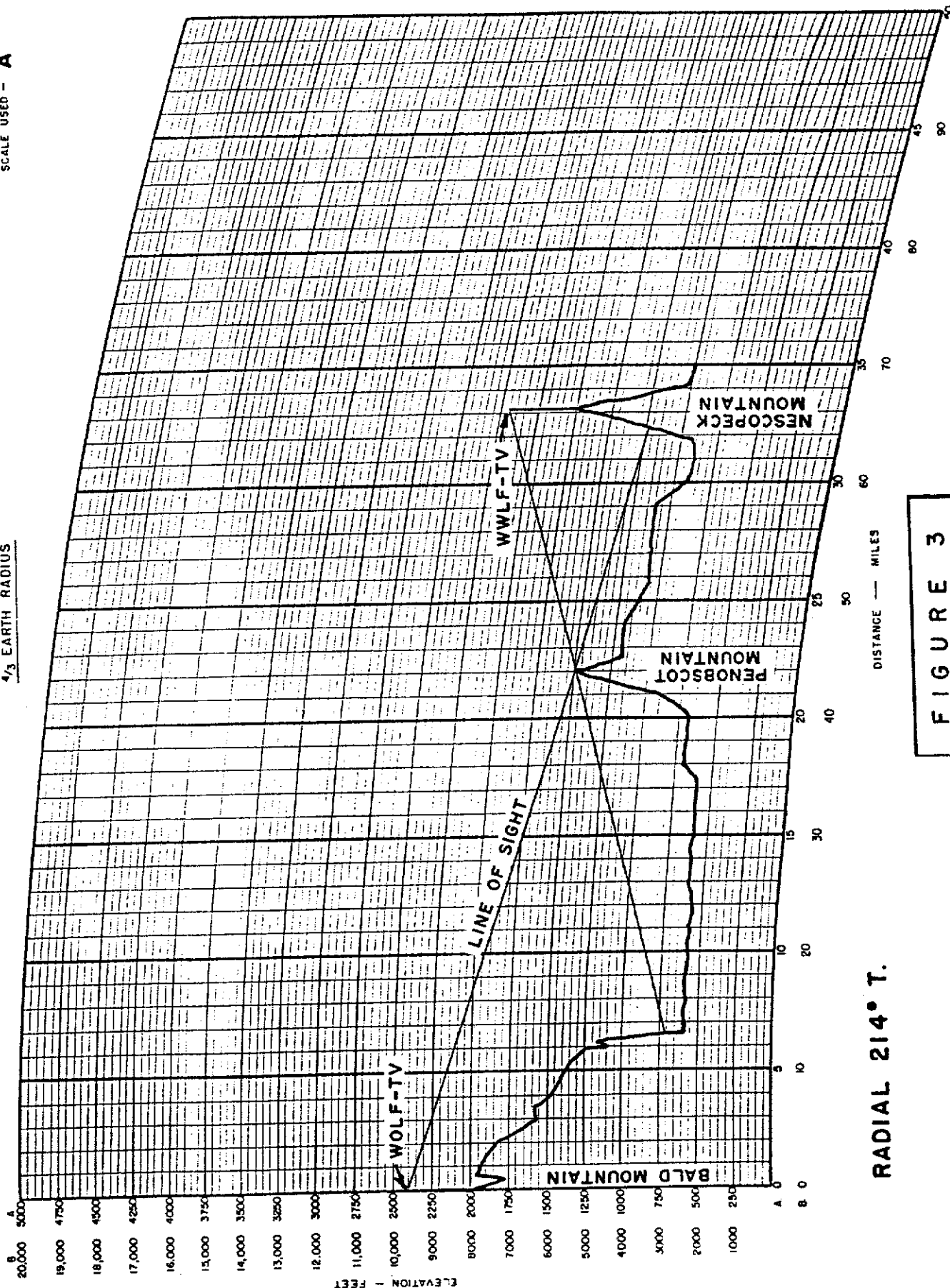


FIGURE 3

RADIAL 214° T.

Attachment 3

UNITED STEEL PAPER
COMPANY

February 9, 1993

Mr. Marshall Pagon
Pegasus Broadcast Television Inc.
5 Radnor Corporate Center
Suite 451
Radnor, PA 19087

Dear Mr. Pagon:

This will confirm our conversation in which I shared with you my impressions about the channel in the Hazelton market. We are as a free standing television station. After W, presently operates as a nighttime sub-channel of WJZ-TV in Scranton. If this station were forced to operate on its own, I don't believe it could survive. Hazelton is an extreme county which is the largest county in the Wilkes-Barre/Scranton AD. Because of the mountainous terrain there is a line of mountains between Hazelton and Wilkes-Barre which essentially prevents the channel 56 signal from covering the main portion of the market. I think that Hazelton would support a television station but it would be foolish.

One of the big challenges in attempting to support a TV station in Hazelton would be the lack of ability to attract a wide array of the networks including FOX. Since Hazelton is in the Wilkes-Barre/Scranton AD, the network advantages in the principal cities would likely not assist by the network to attract what another station within the same AD. This would leave WJZ-TV with the unenviable prospect of trying to operate without a network and generate enough advertising revenue to survive. They would be up against the additional problem of having no way to make Barre/Scranton aware of their programming. Since they would be competing with WJZ-TV stations in the same market, they would have to make the amount of programming available to the station. We have a station situation in a network and even are unable to purchase quality programming and with a network as small as we can't support even a network and make some revenue. It would be impossible.

I have been active in the field of TV station ownership since 1969, for almost twenty five years. I can say unequivocally that WJZ-TV cannot survive on its own.

It would also like to point out that while the station area may as a satellite would be far less attractive to a potential buyer, the reason for this is the limitation on the power signal as a result of the transmitter location in Jackson County. The three national network subscribers are all located on the coast. Therefore, station and signal strength will be much better at the highest point of the combined area and will be coverage for only a few miles back out of the coastland coverage and the valley into location and on to Granddale. In addition, all the the unique and very a cover location as well as some of the national network location which is the most all points. That stationizes three times and location. Since this will be not authorized to radiate so that location, it is not best to put an over the all signal into location and on to Granddale. It is essential that they have a satellite station in the area from which to be competitive with the other three Jackson County stations.

Best Regays

[illegible]

In the rapidly changing field of media brokerage, one company stands out as a leader in consistently delivering top spaces for the owners of radio and television stations: they represent

THE
TED TIE RETURN
COMPANY

Cathleen M. Pardo
325 S. Ocean Blvd., Palm Beach, Florida 33480
Tel: 771-866-8995

Call Heroin Yes! No!
Box 249, Lincoln, Nebraska 68501
(413) 691-8724

Nov. 27, 1978

A.V.C. Corporation
has completed the sale of the assets of its subsidiary
WPHL-TV
Philadelphia, PA.
to a subsidiary of
Providence Journal Company

The undersigned initiated the transaction
and represented the seller in the negotiations

THE
TED HEPBURN
COMPANY Cincinnati, Ohio

August 20, 1982

WFFT-TV, Inc.
has completed the sale of the assets of
its television station
WFFT-TV
Ft. Wayne, IN
to
Great Trails Broadcasting Corporation

The undersigned initiated the transaction
and represented the seller in the negotiations

THE
TED HEPBURN
COMPANY Cincinnati, Ohio

July 6, 1978

Teleco Indiana, Inc.
has acquired the assets of television station
WTTV-TV
Bloomington-Indianapolis, Ind.
from
SARKES TARZIAN, INC.

The undersigned initiated the transaction
and represented the seller in the negotiations

THE
TED HEPBURN
COMPANY Cincinnati, Ohio

August, 1979

Taft Broadcasting Co.
has completed the purchase of the assets of
WDCA-TV
Washington, D.C.
from
SUPERIOR TUBE CO.

The undersigned initiated the transaction
and acted as advisor for the buyer

THE
TED HEPBURN
COMPANY Cincinnati, Ohio

December 31, 1984

Mountain States Broadcasting
(a joint venture of Providence Journal Broadcasting
and Southland Communications, Inc.)
has completed the acquisition of the assets of
KZAZ-TV
Nogales-Tucson, AZ.
from
Roadrunner TV Ltd. Partnership

The undersigned initiated the transaction
and represented the buyer in the negotiations.

THE
TED HEPBURN
COMPANY Cincinnati, Ohio

December 31, 1984

Mountain States Broadcasting
(a joint venture of Providence Journal Broadcasting
and Southland Communications, Inc.)
has completed the acquisition of the assets of
KGSW-TV
Albuquerque, N.M.
from
Galaxy-Southwest Television

The undersigned initiated the transaction
and represented the buyer in the negotiations.

THE
TED HEPBURN
COMPANY Cincinnati, Ohio

From Philly to Ft. Wayne; Indy to D.C.;
Tucson to Albuquerque; completed sales
confirm we understand independent TV.

THE
TED HEPBURN
COMPANY

Ted Hepburn, President Todd Hepburn, Vice-President
P.O. Box 42401, Cincinnati, Ohio 45242 (513) 791-8730

Hepburn of Hepburn: brokering to the top

On his 45th birthday, Oct. 11, 1976—after seven and a half years as a broadcast station broker with R.C. Crisler & Co.—Ted Hepburn opened his own station brokerage firm, The Ted Hepburn Co. Not unexpectedly, Hepburn had no closings in 1976. In 1977 he had one—WHLQ(FM) Canton, Ohio, which sold for \$465,000. Since that time he has brokered 28 broadcast station sales totaling \$215,178,000. Not a bad track record for little more than three years' work.

Hepburn's formula for success: "Basically one thing—I work my head off. If you work hard at each deal you do, you'll learn something from it. It's continual on-the-job training."

Hepburn has been involved in broadcasting all of his working life with duties ranging from traffic and copy manager to vice president and general manager.

In the late 1930's, when Hepburn was a boy in Montclair, N.J., his grandfather and great uncle sold off parcels of their farm in neighboring Clifton to a group of businessmen who built a radio station. It was to become one of the first beautiful music success stories: WPAT(AM) Paterson.

Recalls Hepburn: "I was about 8 years old, and I'd sit out in the pasture with a crystal set—there were still cows there—and listen to the station. From that time on, I thought that I'd like to get into that business [and] be one of those announcers who talk over the radio. My father always thought I would outgrow the business."

Hepburn's first job in broadcasting was traffic and copy manager at WFAR(AM) Farrell, Pa. By that time, Hepburn knew himself well enough to realize that announcing was not where his true talents lay: "I sounded like a 14-year-old with his head in a bucket."

In June of 1958, Hepburn went to work on the sales force of WHGB(AM) Harrisburg, Pa., briefly, before signing on with Susquehanna Broadcasting's WHLO(AM) Akron, Ohio, as sales manager. In 1962, Susquehanna transferred him to WARM(AM) Wilkes-Barre-Scranton, Pa., as vice president and general manager.

In the fall of 1966, Hepburn was approached by representatives of WMCA(AM) New York as a candidate for the general managership of that station. At that time, he thought that was simply "the end of the world, my dream." Three months later, however, the position was awarded to someone else.

Disappointed, Hepburn came to the conclusion that "I didn't make it because they thought the jump from Wilkes-Barre to New York was too big a hurdle."



George Theodore Hepburn Jr.—president, The Ted Hepburn Co., Cincinnati; b. Oct. 11, 1931, Montclair, N.J.; U.S. Air Force, 1951; BS in economics, Marietta College, Marietta, Ohio, 1954; traffic and copy manager, WFAR(AM) Farrell, Pa., 1954; sales representative, Mercury Records, Pittsburgh, 1955; announcer, salesman and commercial manager, WKVA(AM) Lewistown, Pa., 1955-1957; sales representative, WHGB(AM) (now WFEC) Harrisburg, Pa., 1958-59; sales manager, WHLO(AM) Akron, Ohio, 1959-62; vice president and general manager, WARM(AM) Wilkes-Barre-Scranton, Pa., 1962-67; general manager, WSAI(AM) Cincinnati, 1967-68; broadcast station broker, R.C. Crisler & Co., Cincinnati, 1969-76; present position since Oct. 11, 1976; m. Carole Zook, 1956; children—Todd, 23, Heidi, 19.

Within weeks of that decision, Hepburn was interviewed for the position of general manager of WSAI(AM) Cincinnati and in April of 1967 the job was his.

Soon after that he sought out Cincinnati broadcast station broker Dick Crisler and attempted to put together a group of investors to buy a Roanoke, Va., radio station. When that effort failed, he approached Crisler about joining his brokerage firm on a straight commission basis, suggesting to Crisler: "Look, you've got office space that you're not using and I know a lot of radio people and I'm a salesman by nature, and I don't need a draw, not at least for a year. Why don't I come in and use your offices?"

And thus began a relationship that was to last seven and a half years, from the spring of 1969 until he opened his own doors in October of 1976.

Hepburn wasn't sure at first that working with Crisler was "going to be a long-term thing because I figured I should manage radio stations." His wife, Carole, was of the same opinion. In fact, Hepburn says she was "beside herself. She thought I was crazy because I was getting out of the

mainstream of the business and [thought] that I'd never be able to get a good managing job after I fooled around as a broker."

But at age 38, Hepburn found the perfect niche: "The longer I was in it, the more I realized that this was a better line of work than managing radio stations because you don't have any people problems and I was in a business that I really felt comfortable dealing in."

In 1978 alone—his second full year on his own—Hepburn had more closings in terms of dollar volume than in all the years he spent with Crisler. In that year he closed on the sale of WTTV(TV) Bloomington-Indianapolis for \$26.5 million, the highest price then paid for an independent television station. The following year he brokered the sale of WHEC(TV) Rochester, N.Y.—the first major-market, network-affiliated television station to be minority-owned (purchased by Ragan Henry's Broadcast Enterprises National Inc.)—for \$27 million. Also in 1979, he brokered the sale of WDCA(TV) Washington for \$15.5 million, then the highest price ever paid for a UHF independent television station.

He explains his sudden proliferation of business this way: "A lot of the deals I've done as the Ted Hepburn Co. I could not have done with Crisler. When I was with Crisler there were certain clients that were his and there were clients that were mine. If I were to do a deal with one of his clients I was obligated to work with him, and it was an awkward situation ... it didn't work very well. So, when I was on my own, suddenly I had the shackles lifted ... I had been capped like an oil well and when I went on my own I took off the cap and it just kind of spurted out."

Station brokering is "a very personal business," says Hepburn. "It's not a good business to have a highly structured relationship. It's not like a radio station where you have several salesmen with account lists and then a station manager who coordinates the operation. The bigger clients work with particular people ... They feel comfortable with those people."

The Ted Hepburn Co. was the exclusive broker for Storer Broadcasting when that company sold off its radio stations and used the proceeds to expand its cable operations. Odds are that the two companies will continue to do business with each other in the future. Hepburn's son, Todd, joined the firm last summer to specialize in cable, something his father has been too busy to concentrate on so far.

What about the station of Hepburn's dreams? To that, he replies, "A shoe-maker should stick to his last. In other words, do what you do and do it well but don't try to spread yourself too thin."