

WTFDA



DUE TO THE SIZE OF OUR VUD THIS MONTH, (THE BIGGEST EVER, AND DIFFICULT TO GET A STAPLE THROUGH), THIS WILL BE THE FRONT COVER AND THE HQ COLUMN. ANOTHER REASON IS THAT A REGULAR COVER WAS NOT SENT TO US BY OUR GRAPHICS EDITOR. WITH ONLY THE THREE MILWAUKEEANS PUBLISHING THIS MONTH, THERE WAS ALSO A LABOR SHORTAGE.

PROBABLY ONLY THE FIRST CLASS MAILING (NOW 45% OF OUR MEMBERSHIP) WILL CATCH YOU IN TIME, TO TELL ABOUT A TEST ARRANGED BY ONE OF OUR MEMBERS, GLEN NEAL, WHO WORKS AT THE STATION, KFDD-8 IN SAYRE, OKLAHOMA. 14 AUGUST AT 0045-0115, CDT. THIS COINCIDES WITH THE PERSEIDS METEOR SHOWER AND THE WTFDA CONVENTION. SEE AUGUST (NOT JULY) WESTERN TV COLUMN, PAGE 1.

TEST

AS THIS GOES TO PRESS, THE ANARC CONVENTION IS ALREADY FINISHED WITH EIGHT WTFDAERS IN ATTENDANCE, AND THE WTFDA CONVENTION IS ONLY A SHORT TIME IN THE FUTURE. THE ANARC CONVENTION AT INDIANAPOLIS WAS THE LARGEST EVER, (51 SHOWED UP), AND ALSO HAD THE LARGEST WTFDA REPRESENTATION EVER, WITH FERDIE DOMBROWSKI AND BRUCE ELVING OF MILWAUKEE, MORRIE GOLDMAN OF CHICAGO, GLENN HAUSER OF THE USA AND THAILAND, JOE SARFF OF PECATONICA, ILL., BILL MATTHEWS OF COLUMBUS, OH, PERRY FERRELL OF GILFER ASSOCIATES, AND A NEW MEMBER WHO JOINED AT THE CONVENTION, DR. RICHARD WOOD OF LOUISIANA STATE UNIVERSITY IN BATON ROUGE, (A WELL-KNOWN SW DXER). WE HOPE TO HAVE PICTURES OF THE WTFDA GROUP NEXT MONTH.

WE ARE PLEASED TO ANNOUNCE THE APPOINTMENT OF TWO NEW EDITORS EFFECTIVE WITH THE SEPTEMBER VUD. TERRY COLGAN OF COLLEGE STATION, TX WILL BE THE NEW MAILBOX EDITOR, AND BILL MATTHEWS WAS PERSUADED AT THE ANARC CONVENTION TO START A NEW COLUMN CALLED TV QSL CORNER. THIS TYPE OF COLUMN HAS BEEN SUGGESTED BEFORE BUT THERE WERE NO VOLUNTEERS FOR THE WRITING OF IT. BILL WILL LIST VERIFICATION SIGNERS OF VARIOUS STATIONS, AND WHETHER THEY VERIFY BY QSL CARD OR LETTER, AND WHAT INFORMATION IS INCLUDED IN THE VERIE. BILL DOES NOT WISH THE COLUMN TO BE A COMPLAINT FORUM ABOUT STATIONS THAT DON'T VERIFY, BUT RATHER A POSITIVE LISTING OF STATIONS THAT DO VERIFY. YOU MAY SEND YOUR VERIE INFO TO HIM:

BILL MATTHEWS, BOX 15306, COLUMBUS, OHIO 43215 (THIS IS FOR TV ONLY.)
PLEASE ALSO INDICATE HOW LONG IT TOOK TO GET THE VERIE, IF YOU SENT TAPE AND RETURN POSTAGE. IF SOMEONE WISHES TO WRITE A SIMILAR COLUMN FOR FM OR VHF RADIO, PLEASE WRITE HQ.

ALL MAIL SPECIFICALLY FOR THE MAILBOX EDITOR SHUD BE NOTED ON THE ENVELOPE'S LOWER LEFT CORNER, ALL MAIL GOES TO HQ AND IS FORWARDED TO TERRY FROM HERE PERIODICALLY.

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Worldwide TV-FM DX Ass'n

Serving VHF-UHF DX Enthusiasts
P. O. BOX 5001, HARBOR STATION
MILWAUKEE, WISCONSIN 53204

(PHONE 414-645-1587) (STA/STA--F, DOMBROWSKI).

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PUBLISHED THE END OF EACH MONTH AT HQ.
ALL CORRESPONDENCE NOT FOR A SPECIFIC EDITOR SHOULD BE SENT TO HEADQUARTERS.

SAMPLES: 50¢ EACH, ANYWHERE.

USA/CANADA/MEXICO	3RD CLASS	1ST CLASS
ONE YEAR DUES	\$ 5.50	\$ 8.50
TWO YEARS DUES	\$10.00	\$16.00

ELSEWHERE	OVERSEAS ISSUE	REGULAR ISSUE
EACH YEAR	\$ 4.00	\$ 6.00
ALL ISSUES SENT SEA MAIL NORMALLY, SO ALLOW 3-6 WEEKS DELIVERY TIME.		

EASTERN TV DX

Dave Pomeroy
 KCSD-TV
 1211 McGee Street.
 Kansas City, Missouri 64106

This month's Eastern TV-DX column marks the return of the wandering DX column since I don't know where it has been for the last three weeks. On my way to Milwaukee for an ETV conference, I stopped off in Chicago, checked my suitcase--July stencils enclosed--with North Central Airlines and never saw them again. Not until July 6 when the airlines somehow found it and returned it to Kansas City. So, in August we have a combination of July and August for the Eastern column. I am glad to report a fantastic upturn in reports and hope such favorable conditions persist.

Mitch Donock, 2921 Brinkley Road, Oxon Hill, Maryland 20031 (EST/EDT)

2-18 Tr	2300 WCAU-10 Phila., PA 3135R125	5-25 Tr	2100 WHAG-25 Hagerstown 3320R80
3-10	0545 KYW-3 Phila., PA 1030R125	5-26	0600 WTVD-11 Raleigh, NC 0311R250
3-14	1750 WTAR-3 Norfolk VA 4344R150		0700 WTAR-3 Norfolk, VA 3155R150
	1755 WHYY-12 Wilm. DE 2011N110		0730 WAVY-10 Norfolk, VA 1010R150
	1815 WCAU-10 Phila., PA 3144R125	Es	1630 KDLO-3 Garden City, SD R1150
3-28	1830 WVA-3 Harrisonburg, VA		1700 KTBS-3 Shreveport 3010R1070
3-29	1845 WCPB-28 Salisbury 2555N80	5-27	1600 KATC-3 Lafayette LA 3120R1050
4-12	2150 WPHL-17 Phila., PA 2555N125		1930 CKCW-2 Moncton, NB 1210N300
	2152 WCPB-28 Salisbury 2555R80		2000 WPBT-2 Miami, FL 5533R975
	2155 WAVY-10 Norfolk, VA 3133R150		2010 WEDU-3 Tampa, FL 3222R860
	2155 WGAL-8 Lancaster 3044R90	5-28 Tr	1630 WVA-3 Harrisonburg R100
4-13	0525 WCAU-10 Phila., PA 4455R125	Es	1930 UNID-2 PTV (WPBT?)
	1915 WBOC-16 Salisbury 2335R80	5-29	1330 KGLO-3 Mason City IA 5444R920
	1950 WCPB-28 Salisbury 3455R80		WMT-2 Cedar Rapids 2011N855
	2035 WTAF-29 Phila., PA 1034N125		UNID-4 over local WRC-4
	2045 WKBS-48 Phila., PA 1120R125		2100 KATC-3 Lafayette LA 3020R1050
	2050 WNJT-52 Trenton NJ 1021N160		2110 WBRZ-2 Baton Rouge 3343R1010
	2050 WHYY-12 Wilm., DE 4442R110	5-30	2030 WPBT-2 Miami, FL 3422R975
4-17 Es	1200 UNID-2,3 to 1400		2030 WEDU-3 Tampa, FL 2112R860
4-21 Tr	0545 WAVY-10 Norfolk, VA R150		2033 CMJA-2 Ciego de Avila, Cuba
	0730 WTAR-3 Norfolk, VA R150		(0400R1180)
5-8 Es	1915 KCKT-2 Gt. Bend, KS 400R1200		2033 CMKJ-3 Holguin, Cuba 2320N
Tr	1945 WHAG-25 Hagerstown 3045R80		(2320N1180)
5-18 Es	2000 KATC-3 Lafayette 4412R1050		2035 WESH-2 Daytona Beach R740
	2000 WBRZ-2 Baton Rouge 0411R1010	5-31	1310 KCKT-2 Gt. Bend, KS 4310R1200
5-21	1900 KLNE-3 Lex., NE 4023N1250		1330 KQTV-2 St. Joseph 3101R980
5-23	1500 UNID-2,3 to 1700		2000 CMKJ-3 Holguin 4300R1180
5-24	1755 WBRZ-2 Baton Rouge 2222R1010		2100 KTEW-2 Tulsa, OK 3111R1075
Tr	1835 WHAG-25 Hagerstown, MD R80		2100 KATC-3 Lafayette LA 4443R1050
	1836 WCPB-28 Salisbury, MD R80		

Roy D. Horsley, Jr., Box 66, Steele, Alabama 35987

5-12 Tr	0830 WYEA-38 Columbus 3345N120	5-27 Tr	WYEA-38 Columbus, GA 2434R120
	0835 WGIQ-43 Louisv. AL 2332N150		2100 WTCG-17 Atlanta 4445R100
	0900 WABW-14 Pelham, GA 3355N225	6-2	1900 WSM-4 Nashville 2533N155
	0900 WCLP-18 Chatts. GA 3555N90	6-3	2100 WETV-30 Atlanta 4555N100
	0900 WACS-25 Dawson, GA 2444N180	6-6	2000 WHAE-46 Atlanta 3344N100
	0900 WJSP-28 Columbus 3345N120	7-5 Es	1859 WBZ-4 Boston 3422R990
5-18 Es	2210 KMID-2 Midland TX 2413R950		1900 WTIC-3 Hartford 4221R950
	2215 KGNC-4 Amarillo 4425N910	7-9	2100 CHSJ-4 St. John NB 5555R1325
	2255 KWGN-2 Denver 1324N1130		2130 CFCM-4 Quebec, PQ 2522N1175
5-26	1300 WCBS-2 New York 4533R815		2200 CBFT-2 Montreal 3544R1030

(Nice to get your first reports. Hope to receive many more. Roy notes that Alabama ETV network has easy to read ID each a.m. at 0800. "AETC" at top, dp.)

Jerry Pulice, 143 Gibson Avenue, Staten Island, New York 10308 (EDT)

4-12 Tr 2000 WAVY-10 NorfolkVA 3132R380 4-13 Tr 0725 WETA-26 WashingtonDC 2235R200
 WVEC-13 offset over WNET WCPB-28 Salisbury,MD 2235R180
 WHRO-15 HamptonVA 2135R280 WMPB-67 Baltimore,MD 2235R180
 WBOC-16 Salisbury 2134R160 1932 WBOC-16 Salisbury, MD
 WYAH-27 Portsmouth4555R280 WYAH-27 Portsmouth, VA
 WCPB-28 Salisbury 3423N160 WTEV-6 Rhode Island 5555R160
 WCMC-40 WildwoodNJ3345R110 WJAR-10 ProvidenceRI 1121R160
 UNID-45 WBFF? BaltimoreMD WPRI-12 ProvidenceRI 1120R160
 2200 WMPB-67 Baltimore 2225R180 (transmitters for WJAR/WPRI in MASS.)
 4-13 0700 WBAL-11 Baltimore 4555R180 4-14 Au 1800 UNID 2-3
 WJZ-13 Baltimore 5554R180 5-5 Ms 0700 UNID-5
 WVEC-13 HamptonVA 2252R280 5-6 Tr 0700 WNEP-16 Scranton,PA 3455R120
 WSBA-43 York, PA 3345R150 WDAU-22 Scranton,PA 1125R120
 0710 WWBT-12 Richmond 3245R280 WBRE-28 W.Barre, PA 4555R120
 WNEP-16 Scranton 3353R120 WVIA-44 Scranton,PA 1255R120
 WDAU-22 Scranton 1255R120 5-7 0700 WBAL-11 Baltimore,MD 3455R180
 WBRE-28 W.BarrePA 4555R120 WJZ-13 Baltimore,MD 4455R180

Jerry reports this the worst spring yet. Would like to hear more about other reporters equipment and the quality of openings (send VAFI).

Bob Seybold, Bennett Road, Dunkirk, New York (EDT)

3-13,14 Tr UHF to 400 miles 4-18 Tr WKBD-50 Detroit, MI
 WFYI-20 Indianapolis, IN WSBT-22 South Bend, IN
 WANE-15 Ft. Wayne, IN WPHL-17 Philadelphia, PA
 WSBT-22 South Bend, IN WICD-15 Champaign,IL
 WKJG-33 Ft. Wayne, IN WLKY-32 Louisville, KY (430)
 WLBC-49 Muncie, IN WKEF-22 Dayton, Oh
 WLFI-18 Lafayette, IN WKNX-25 Saginaw, MI
 WJJY-14 Jacksonville, IL WBRE-28 Wilkes Barre, PA
 WBRE-28 Wilkes Barre, PA WNEP-16 Scranton, PA
 WDAU-22 Scranton, PA "Some skip observed lately, but no ID's
 seen."
 4-18 Tr UHF band full Total now 496
 WDRB-41 Louisville,KY(430)
 WURD-40 Indianapolis (400)
 WBFF-45 Baltimore,MD
 WKJG-33 Ft. Wayne, IN
 WTVS-56 Detroit, MI

Roy Barstow, Box 482, Teaticket, Massachusetts 02536 (EST/EDT)(April 1-May 11)

4-? Tr 2000 WCPB-28 Salisbury, MD 5-11 Tr 2200 WHRO-15 Hampton, VA
 5-11 2130 WNJT-52 Trenton, NJ WBOC-16 Salisbury, MD
 2147 WLIW-21 Garden City, NY No skip as of May 16

(Big news for Roy is move from Boston--7 miles from 7 transmitters--to Teaticket which is (who doesn't know, dp) about 2 miles from Falmouth and 2 miles from the "big point." This puts him about 30 miles from nearest transmitters. Roy uses a Zenith console (works better than newer 1968 model Zenith). Is now using rabbit ears for VHF and loop for UHF. Hopes to install a 7-foot UHF parabolic dish for UHF and a JFD LPTV-190 for VHF on a 70-foot tower. Says we'll be hearing a lot more from him in the near future.)

Ronald J. Le Blanc, 2524 Arizona Drive, Marrero, Louisiana

(CDT)

5-16 Tr	2200 KHTV-39 Houston, TX 3335R321	5-23 Tr	0120 KPRC-2 Houston, TX 3335R321
	2230 W70AU-70 Biloxi, MS 3445R77		0125 UNID-10 XHTV-4 network
	2355 KHOU-11 Houston, TX 3444R321		0135 KRGV-5 Weslaco, TX 3335R558
	2400 KZTV-10 Corpus Chr. 3454R485	5-25 Es	2400 KDKA-2 Pittsburgh 4333R930
	2410 XHX-10 MonterreyNL3445R700		2440 WTWO-2 TerreHaute 2322N687
	2415 KHFI-42 Austin, TX 3445R460	5-28	2000 KUSD-2 Vermillion 4444R969
	2435 KWTX-10 Waco, TX 1333R441	5-29	0900 WTWO-2 TerreHaute 2232R687
	2445 KRRC-2 Houston, TX 3445R321		0959 KNOP-2 N. Platte, NE 2232R983
	2455 KDFW-4 Dallas, TX 3334R485		1000 KCKT-2 G. Bend, KS 2232R770
	2456 KIII-3 Corpus Ch. 3343R485		1001 KTVS-3 Sterling, CO 3232R1025
	2458 KFDM-6 Beaumont, TX 3445R244		1100 KWGN-2 Denver, CO 4433R1000
	0115 XEFB-3 MonterreyNL3445R700		1130 WWAY-3 Wilmington 3222N780
5-17	2100 KHTV-39 Houston, TX 4435R321		1200 KDKA-2 Pittsburgh 3223R930
	2130 KNCT-46 Belton, TX 4445N456		1230 WUSN-2 Charleston 2322R640
	2200 KWEX-41 San Antonio 4335N510		1430 WCBS-2 New York, NY 2222R1174
	2215 KHFI-42 Austin, TX 5555R460		1715 WGR-2 Buffalo, NY 2333R1098
	2245 KTHV-11 Little Rock 3243R350		2130 CKPR-2 Thunder Bay 3334R1281
	2250 KMTC-27 Springfield 3345R542	Ms	0220 KWGN-2 Denver, CO 3025R1000
	2315 KDNL-30 St. Louis, MO 3445N610	5-30 Es	0940 WJBK-2 Detroit, MI 3333R945
	2350 KNOE-8 thru WVUE-8 R213		1100 KWGN-2 Denver, CO 2333R1000
	2400 KSLA-12 Shreveport 5554R289		1030 WBBM-2 Chicago, IL 3232R838
	2405 WBAP-5 Dallas, TX 4444R485		1059 CKPR-2 Thunder Bay 2322R1281
	2410 KLTU-7 Tyler, TX 5555N353		1100 WBAY-2 Green Bay 4332R1006
	2412 KTBS-3 Shreveport 4444R289		1130 WMT-2 Cedar Rapids 4323R841
	2415 KPRC-2 Houston, TX 4544R321		1200 KDLO-3 Watertown SD 3232R1112
	2417 KHOU-11 Houston, TX 4555R321		1300 KTVO-3 Ottumwa, IA 3333N777
	2425 KSAT-12 San Antonio 4443R510	Tr	0150 KARK-4 Little Rock 3345N350
	0100 KSD-5 St. Louis, MO 3245N610	5-31 Es	1030 KOAI-2 Flagstaff AR 2233R1310
	0101 KTRK-13 Houston, TX 4455R321		1400 WBAY-2 Green Bay, WI 2233R1006
	0105 KIII-3 Corpus Ch. 3345R485		1430 WISC-3 Madison, WI 2223N920
	0110 KTVT-11 Ft. Worth, TX 4455R485		1630 KTCA-2 St. Paul, MN 4443R1052
	0120 KMOX-4 St. Louis, MO 3455R610		1930 WMAR-2 Baltimore, 3322R1006
	0123 WBRC-6 Birm., AL 3345R320		2000 WGR-2 Buffalo, NY 3322R1098
	0130 KTVI-2 St. Louis, MO 3345R610		2100 KYW-3 Phila., PA 2222R1098
5-18 Es	1715 WMT-2 Cedar Rapids 2432R841		2247 UNID-3 CBC
	1730 KTCA-2 St. Paul, MN 3433R1052		2250 WMT-2 Cedar Rapids 3332R841
Tr	2340 KHTV-39 Houston, TX 4435R321		2400 WMAR-2 Baltimore 2334R1006
	2342 KHOU-11 Houston, TX 3444R321	6-1 Tr	2205 KRGV-5 Weslaco, TX 4442R558
	2415 KPRC-2 Houston, TX 3445R321		2240 KHOU-11 Houston, TX 3233R321
5-19 Es	1710 UNID-2, 3 Spanish		2300 KHTV-39 Houston, TX 3245R321
5-21	2030 KTCA-2 St. Paul, MN 3332R1052		2400 KZTV-10 Corpus Ch. 3242R485
	2200 KDLO-3 Watertown SD 3333R1112		2405 KPRC-2 Houston, TX 4455R321
	2205 KORN-5 Mitchell, SD 4333N1055		2430 KTRK-13 Houston, TX 3455R321
	2207 KQTV-2 St. Joseph MO 2222R741		2450 KIII-3 Corpus Ch. 4455R485
	2210 KUSD-2 Vermillion 3432R969		2452 KSAT-12 San Antonio 4455R510
5-22	0900 KNOP-2 N. Platte, NE 3334R983		0100 UNID-2-4, 7, 10-11 XEW network
	1200 KTVS-3 Sterling, CO 4343R1025	to	0200 UNID-5, 10 XHTV network
	1245 KWGN-2 Denver, CO 4443R1000	6-2 Tr	0730 WYEA-38 Columbus, GA 3345R337
	1310 KOAA-5 Pueblo, CO 3343R1000		2100 KTRK-13 Houston, TX 3343R321
	1745 KWGN-2 Denver, CO 2333R1000		2105 KRGV-5 Weslaco, TX 3343R558
5-23 Tr	2000 KHTV-39 Houston, TX 3335R321		2230 XHX-10 MonterreyNL 4443R700
ES	2030 UNID-2 CBS 3332		2330 KLRN-9 San Antonio 1342R510
Tr	2130 KHOU-11 Houston, TX 2345R321		2402 KHFI-42 Austin, TX 3445R460
	2205 KZTV-10 Corpus Ch. 4333R485		2405 KTBC-7 Austin, TX 4445R460
	0110 XHX-10 MonterreyNL 3334R700		0115 KENS-5 San Antonio 3345R510
	0115 WAPI-13 Birm., AL 2235R320		

Ronald J. LeBlanc (cont)

6-5	Es	1900	WCBS-2	New York	2233R	6-19	2155	WTOG-44	St. Pete, FL	5555R488Tr		
6-11		1745	CJIC-2	S.S. Mariel	224R1190			Tr	2225	WTVT-13	Tampa, FL	3042R488
		2100	KTWO-2	Casper, WY	3214N1280				0135	KTVE-10	El Dorado	3445R285
	Tr	2100	KHTV-39	Houston TX	3345R321	6-20	Es	1505	WJBK-2	Detroit, MI	4333R945	
		2130	KHOU-11	Houston TX	4345R321		Tr	2130	KTHV-11	Little Rock	3044R350	
		2215	KTRK-13	Houston TX	3444R321			2430	KBMT-12	Beaumont TX	2235R244	
		2415	KBMT-12	Beaumont	4555R244	6-22		2315	WYEA-38	Columbus GA	3335R337	
		0115	XHX-10	Monterrey	3335R700	6-23		2300	KHTV-39	KHOU-11	KTRK-13	
		0135	KTBS-3	Shrevept.	3234R289		to	2412	KPRC-2	Houston, TX	R321	
		0200	WBRC-6	Birm. AL	3345R320	6-24	Es	1815	YSR-2	San Salvador	4033R1132	
		0205	KTVE-10	El Dorado	2345R285		Tr	2115	WEIQ-42	Mobile, AL	4555R138	
6-12	Es	1525	WJBK-2	Detroit MI	3333R945		Es		UNID-2,3,5	Spanish		
		1800	WBAY-2	Green Bay	4333R1006		Tr	2015	WMAA-29	Jackson, MS	5555R160	
		1925	KWGN-2	Denver, CO	2232R1000			2030	KLNI-15	Lafayette	5555R122	
	Tr	2400	KHOU-11	Houston TX	3335R321			2031	WAPT-16	Jackson, MS	4555R160	
		2405	KTRK-13	Houston TX	3232R321			2200	WTOK-11	Meridian	3354R185	
		2415	KPRC-2	Houston TX	3455R321			2350	KTHV-11	Little Rock	3444R350	
		2420	KBMT-12	Beaumont	3332R244			2405	KTRK-13	Houston, TX	3555R321	
		2450	KTBC-7	Austin, TX	4455R460			2407	KHOU-11	Houston, TX	3555R321	
		0115	KIII-3	Corpus Ch.	3334R485			2410	WLBT-3	Jackson, MS	3253R160	
		0140	KTVE-10	El Dorado	3345R285			2415	KPRC-2	Houston, TX	3334R321	
		0145	WOAI-4	San Antonio	3355R510			2420	WJTV-12	Jackson, MS	4555R160	
		0150	KTBS-3	Shrevept.	3334R289		Es	2425	KWGN-2	Denver, CO	4434R1000	
6-13	Es	1800	CJIC-2	S.S. Mariel	224R1190			0100	WJBK-2	Detroit, MI	3035R945	
	Tr	2200	KPLC-7	Lk Char LA	5555R183	6-27		1030	UNID-2		4025	
		2205	KHOU-11	KHTV-39	Houston TX			1115	KNOP-2	N. Platte NE	4444R983	
		2215	KLNI-15	Lafayette	3455R122			1125	UNID-3		4044	
		2330	KENS-5	San Antonio	4444R510			1215	CBWFT-3	Winnipeg, Manitoba		
		2340	KBMT-12	Beaumont TX	4334R244			#190			4023N1439	
		2350	KHFI-42	Austin, TX	3435R460	6-28		2200	WMT-2	Cedar Rapids, IA		
		2445	KSAT-12	San Antonio	4445R510						3024R841	
		0105	KFDM-6	Beaumont TX	5555R244			2215	UNID-3		3033	
		0120	KTBC-7	Austin, TX	5555R460	7-3	Tr	2200	KLNI-15	Lafayette, LA		
6-14		2030	KHOU-11	KHTV-39	KUHT-8			2230	KHYV-39	Houston, TX	4445R321	
	to	2220	KTRK-13	KPRC-2	Houston, TX			2245	WMAA-29	Jackson, MS	3445R160	
		2330	KHFI-42	Austin, TX	4455R460			2300	WAPT-16	Jackson, MS	3345R160	
		2345	WTOG-44	St. Pete FL	3455R488			2345	KHOU-11	Houston, TX	3335R321	
		2400	KDFM-6	Beaumont TX	R244			2445	KTBC-7	Austin, TX	2035R460	
		2402	KTBC-7	Austin, TX	5555R460			2455	KBMT-12	Beaumont TX	3344R244	
		2405	KLRN-9	San Antonio	4042R510			0100	KHFI-42	Austin, TX	4555R460	
		2415	KSAT-12	San Antonio	R510			0115	KPRC-2	Houston, TX	3455R321	
		2416	KBMT-12	Beaumont TX	5555R244			0215	KENS-5	San Antonio	3555R510	
		0115	WBRC-6	Birm. AL	3333R320			0225	KTBS-3	Shrevept.	3555R289	
6-16		2000	KHOU-11	KHTV-39	KTRK-13	KPRC-2	7-4	1000	KTVK-3	Phoenix, AR	4334R1317	
		2345	KHFI-42	Austin, TX	3345R460		Es	1001	KPHO-5	Phoenix, AZ	4434R1317	
		2350	KSAT-12	San Antonio	4544R510							
		2400	KENS-5	San Antonio	4443R510							
		2405	KTBC-7	Austin, TX	4555R460							
		2415	KZTV-10	Corpus Ch	3345R485							
		2430	KIII-3	Corpus Ch	2245R485							
		2435	KBMT-12	Beaumont	3345R244							
6-17		2205	WSRE-23	Pensacola	3445R183							
		2410	KLTV-7	Tyler, TX	3345R353							
		2415	KPRC-2	Houston TX	2345R321							
		2425	KBMT-12	Beaumont	3345R244							
6-18		2100	WMAA-29	WAPT-16	WJTV-12							

All Es were received with a vertical antenna at 20 feet. I still think this is the worst year for Es I have ever seen. If it wasn't for this vertical antenna, I would have only ID'ed 2 Es stations so far. WBRZ-2 too strong on my large antenna at 70 feet for skip to come in. I am beginning to think I live in Texas as far as tropes goes.

Bob Seybold, Bennett Road, Dunkirk, New York (EDT)

- 5-20,31 Some Es on all days
- 5-25 Es WESH-2 WPBT-2 WTVJ-4 WEDU-3 WDBO-65-2 to 6-11 VHF to 300 miles; UHF to 250
WEAR-3 WCSC-5 WPTV-5 WCIX-6 WACA-5 WDAU-22 WDHO-24 WTVS-56 WKBD-50
KATC-3 WLBT-3 WXON-62 WENY-36 WSYE-18 WUTR-20
- 5-27 Es KPRC-2 WBAP-6 KOCO-5 KBTX-3 KLNE-3 WINR-40 WHIZ-18 WTAP-15
KYTV-3 KFDM-6 KIII-3
- 6-1,11 Some signs of E-skip on all days

6-9 Tr CFCL-2
Total lng now 494

Jerry Pulice, 143 Gibson Avenue, Staten Island, New York 10308 (EDT)

- 4-12 Tr 2000 WAVY-10 WVEC-13 WHRO-15 6-18 Tr 0600 WBNF-12 Binghamton, NY
WYAH-27 Portsmouth, VA (280) WHDH-5 Boston, MA
WBOC-16 WCPB-28 Salisbury MD 0615 WPRI-12 Providence, RI
WCMC-40 Wildwood, NJ (100) WMAR-2 Baltimore, MD
- 4-13 0700 WSBA-43 York, PA 0630 WVEC-13 Norfolk, VA
WVEC-13 Norfolk, VA 0655 WHAG-25 Hagerstown, MD
0710 WWBT-12 Richmond, VA 0656 WHP-21 WLYH-15 WSBA-43 PA
0750 WMPB-67 Baltimore, MD 0800 WCMC-40 Wildwood, NJ (14kw)
WCPB-28 Salisbury, MD (170) 0840 WTPA-27 Harrisburg, PA
- 4-29 1932 WTEV-6 WJAR-10 WPRI-12 RI 6-19 2000 WSMW-27 Worcester, MA
1542 WHNB-30 Hartford, CN 2030 WSBK-38 WKBS-56 Boston, MA
- 5-15 2100 WTEV-6 WBOC-16 WCPB-28 WHNB-30 6-20 2130 WCMC-40 Wildwood, NJ
WBZ-4 Boston, MA WEDN-53 Norwich, CN
- 5-20 0620 WTEV-6 Rhode Island (180) 6-23 Es 1330 WREC-3 Memphis, TN
2300 WYAH-27 WCPB-28 WHRO-15 1500 KARD-3 Wichita, KS
- 5-23 Es 1625 IHTP-2 5-25 UNID-2 1825 Tr 2230 20,30,49,53 Connecticut
- 5-26 1025 WCIX-6 Miami, FL 6-24 Es 1200 WLBT-3 Jackson, MS
1100 WPTV-5 W. Palm Beach, FL 1330 KQTV-2 St. Joseph, MO
WTVJ-4 Miami, FL 1400 KARD-3 Wichita, KS
- 1101 WTHS-2 Miami, FL 6-26 Tr 2306 WENY-36 Elmira, NY
1130 WEDU-3 Tampa, FL 6-27 0630 WJW-8 Cleveland, OH
1145 WESH-2 Daytona Beach, FL Es 2323 KTVO-3 Kirksville, MO
- 1300 WTVY-4 Dothan, AL 6-29 Tr 2130 WFBG-10 Altoona, PA
1312 WKRG-5 Mobile, AL 7-3 2240 WAVY-10 WVEC-13 WYAH-27
1330 WWL-4 New Orleans, LA WTPA-27 WSMW-27
- 1430 WLBT-3 Jackson, MS 7-4 0800 WWBT-12 Richmond, VA
5-27 2030 WEDU-3 Tampa, FL WITN-7 Washington, NC
WESH-2 Daytona Beach, FL 7-5 0058 WTVD-11 Durham, NC(photo)
WTHS/WPBT-2 Miami, FL 0947 WCVE-23 Richmond, VA
- 5-29 1100 WREC-3 Memphis, TN Es 0956 KQTV-2 St. Joseph, MO
1230 KMTV-3 Omaha, NE 1024 KHTL-4 Superior, NE
1300 WEAR-3 Pensacola, FL 1030 KTVO-3 Kirksville, MO
1330 WSB-2 Atlanta, GA 1100 KARD-3 Wichita, KS
1440 UNID-2 (KCKT?) KSN ID 1900 WDBO-6 Orlando, FL
- 6-1 Tr 2010 WHRO-15 WYAH-27 Virginia Tr 1920 WSMW-27 Worcester, MA
WBOC-16 WCPB-28 Maryland 2100 WKBG-56 WBZ-4 Boston, MA
WVIA-44 Scranton, PA 2200 WGBH-2 Boston, MA
- 6-2 0715 Baltimore/Washington UHF + 2210 WHCT-18 Hartford, CN
WJAR-10 WPRI-12 WLYH-15 WBOC-16 WBRE-28 2230 WEDH-24 Hargford, CN
0828 WHP-21 Harrisburg, PA 2240 WWLP-22 Springfield, MA
0834 WTPA-27 7-6 Es 1900 KTCA-2 St. Paul, MN
- 6-5 Es 1920 UNID-2,3 Foreign (B&W) 1905 KDLO-3 Watertown, SD
- 6-7 Tr 0815 WCPB-28 WWBT-12 WBOC-16 KGLO-3 Mason City, IA
- 6-11 Tr WTEV-6 WJAR-10 WPRI-12 RI 1930 WISC-3 Madison, WI
- 6-17 2235 WYAH-27 Rortsmouth, VA (Jerry is working this summer at WOR-9
WBFF-45 Baltimore, MD transmitter. I would not count trans-
WHRO-15 Norfolk, VA lators unless received at home. dp)

David Long, 66 Beattie Avenue, Lockport, New York 14094 (EDT)

5-18 Tr 0717 WUTR-20 Utica, NY	7-3 Tr 0900 WFMJ-21 Youngstown, OH
5-29 Es 1128 WOI-5 Ames, IA	0905 WKBN-27 Youngstown, OH
1205 KGLO-3 Mason City, IA	7-4 0538 WXYZ-7 Detroit, MI
1226 KYTV-3 Springfield, MO	0825 CKLW-9 Windsor, Ontario
1245 KCKT-2 Great Bend, KS	0840 WJRT-12 Flint, MI
1258 KARD-3 Wichita, KS	7-5 Es 1059 KYTV-3 Springfield, MO
6-23 1429 WLBT-3 Jackson, MS	1100 WBAP-5 Ft. Worth, TX
1459 KTBS-3 Shreveport, LA	1124 KOCO-5 Oklahoma City, OK
1503-1527 UNID-5,2,2	1144 KAUZ-5 Wichita Falls, TX
6-27 Tr 0700 WRGB-6 Schnectady, NY	1230 KCMO-5 Kansas City, MO
0730 WPTZ-5 Plattsburgh, NY	1244 KARD-3 Wichita, KS
7-1 Ms 0540 UNID-2 IHTP (due west)	1300 KMTV-3 Omaha, NE
7-3 Tr 0856 WAKR-23 Akron, OH	7-8 Es 1159 KFDX-3 Wichita Falls, TX

(Total now 119 in 21 states)

Fred Nordquist, 302 Sandra Lane, N. Syracuse, New York 13212

11-8 Es 1857 WESH-2 Daytona Beach, FL	5-23 Es 1800 WDAY-6 Fargo, ND
WCTV-6 Thomasville, GA	7-5 1930 WTVY-4 Dothan, AL

Michael J. Sweeney, 58-03 Calloway Street, 6B, Corona, New York 11368 (EDT)

6-2 Tr 0630 WCAU-10 Phila, PA 0245N100	6-20 Tr 0030 WHCT-18 Hartford, CN 2233N90
WHNB-30 N. Britian, CN 2244N90	WATR-20 Waterbury, CN 4445N70
6-3 2300 WEDW-49 Bridgeport 2244N70	0045 WTEV-6 Rhode Island 0344N155
WHNB-30 N. Britian 2243R90	6-21 1030 WATR-20 Waterbury, CN
6-7 0620 WTEN-19 Albany, NY	6-23 2300 WWLP-22 WHYN-40 MA
6-16 0630 WBRE-28 Wilkes-Barre 3345N110	6-25 2000 WHYN-40 WWLP-22 WATR-20
6-17 GW 1930 WNJT-52 Trenton, NJ 1244N60	7-7 0620 WDCD-19 N. Adams, MA 1044N140
6-18 Tr 0630 WCAU-10 Phila., PA 1235R100	0630 WHNB-30 N. Britian, CN
6-19 2307 WWLP-22 Springfield 4445N105	7-8 2230 WATR-20 WHNB-30 WNJT-52
2310 WHYN-40 Springfield 4445N120	WEDW-49 WWLP-22 WBRE-28 WHYN-40
2330 WHNB-30 N. Britian 4455R90	2300 WPHL-17 Phila., PA 2242N100
2340 WTIC-3 Hartford, CN 3345N90	7-9 0030 WKBG-56 Boston, MA 2233N180
2340 WNHC-8 New Haven, CN 4455N70	WSBK-38 Boston, MA 2233R180
2355 WPRI-12 Prov., RI 3345N160	WTAF-29 Phila., PA 1233N100
WJAR-10 Prov., RI 2345N155	0100 WKBS-48 Phila., PA 2233N100
2400 WSBK-38 Boston, MA 3344N180	0720 WBOC-16 Salisbury, MD 2344N190

(Mike's log is now at 21--excluding locals which can be included in totals.

WDCD-19 is a satellite of WTEN-10 which you received on 6-7. dp)

Paul S. Luchter, 568 Rockville Court, Oceanside, New York (EDT)

5-15 Tr PM WCPB-28 Salisbury, MD (120)	5-31 Es 1310 WISC-3 Madison, WI 2012N762
3,8,18,20,30 Connecticut	1315 WMT-2 Cedar Rapids R975
3,6,10,12,17,29,48 Phila.	1330 WBBM-2 Chicago, IL 3143N762
38,56 Boston	6-1 Tr 2105 UNID-15 PBS
WCMC-40 Wildwood, NJ	Boston UHF's
WBOC-16 Salisbury, MD	WLVT-39 Allentown, PA R100
WSMW-27 Worcester, MA	WBOC-16 WCPB-28 Salisbury, MD
5-16 2045 W64AA-64 New York, NY 1025N	6-2 AM WHP-21 Harrisburg, PA R175
5-29 Es 1100 WREC-3 Memphis, TN 3433R950	WGAL-8 Lancaster, PA 3243R145
1155 WDCN-2 Nashville, TN 3112R762	6-5 Es 2055 UNID-2,3,4
1200 WLBT-3 Jackson, MS 2312R11756-9	1545 UNID-2,3,4
WSB-2 Atlanta, GA 3122R700	3-31 GW WNJT-52 Trenton, NJ N

(Paul would like to know call letters of New York City translators. Total stations now 124 in 26 states, 3 provinces, and D.C. 62 verifications. Set is Zenith.dp)

Michael J. Sweeney, 422 Red Chimney Drive, Warwick, R.I. (visiting)

5-31 Es 1200 WBAY-2 Green Bay, WI 5433-860 5-31 Es 1300 WCIA-3 Champaign, IL 0333-875
 1230 WBBM-2 Chicago, IL 0312-835 1330 KTVO-3 Kirksville, MO
 1300 KQTV-2 St. Joseph, MO 5444-1250 (KTVO is licensed to Ottumwa-Kirksville)

R.B. Pigg, 1673 Darwood Drive, Mobile, Alabama 36605

5-20 Es 2000 UNID-2 Mexico	6-2 Tr 2200 WFSU-11 Tallahassee 3333R230
Tr 2145 WCIQ-7 Mumford, AL	6-3 2401 WCOV-20 Montgomery 3444N170
5-21 Es 2245 KPLO-3 Reliance, SD 3344N1054	2420 WTVM-9 Columbus, GA 3344R230
5-24 Tr 0625 WDEF-12 Chat, TN 3444N371	2450 KIII-3 Corpus Ch. 2344R540
0635 KNOE-8 Monroe, LA 3444R270	0100 KSAT-12 San Antonio 3344N573
0640 KLFY-10 Lafayette 3433R240	6-4 0730 WBRZ-2 Baton Rouge 4544R175
5-27 0100 WFTV-9 Orlando, FL 2323R430	0735 WAFB-9 Baton Rouge 3424R175
5-28 0145 UNID-4 Miami?	6-14 1200 WBRZ-2 Baton Rouge 4544R175
6-1 WBRZ-2 Baton Rouge, LA R175	6-15 0020 KTRK-13 Houston, TX 3433R440
WAFB-9 Baton Rouge, LA R175	0050 KPRC-2 Houston, TX 2433R440
6-2 KIII-3 Corpus Ch., TX R540	0110 WPLG-10 Miami, FL 2333N
0110 KHOU-11 Houston, TX 3444R440	6-23 0030 WCOV-20 Montgomery 3445R170
0120 UNID-3,7,10 Mexico	6-27 0045 WDHN-13 Dothan, AL 2234N
0230 WWOM-26 New Orleans 3333N125	0115 KTVE-10 El Dorado 3444N

(Total stations now 71. Thanks for your report. dp)

David Cox, Box 16, Carrollton, Alabama 35447 (CDT)

5-27 Es KMID-2 Midland, TX	6-11 Es WLBY-2 Bangor, ME
5-28 KMID-2 Midland, TX	KWGN-2 Denver, CO
6-11 WGR-2 Buffalo, NY	KTWO-2 Casper, WY
WCBS-2 New York, NY	6-16 GW WMAB-2 State College, MS (40)

(WMAB-2 means an end to good skip conditions on channel 2 for Dave, but a new one to look out for for the rest of you. It operates at 100kw from a transmitter located near Ackerman in Choctaw county, Mississippi. dp)

David Swanson, Box 331, Margarita, Canal Zone (EST)

6-4 Es 1630 Radio Caracas-3 Venezuela	6-24 Es 1700 WKRG-5 Mobile, AL (1520)
1700 Television National-5 (950)	1707 WEAR-3 Pensacola (1500)
Caracas, Venezuela	1900 XHY-3 Merida, Yucatan (1025)
6-5 Ms 0020 ICR-2 Havana, Cuba	6-25 1800 WPTV-5 Palm Beach, FL
6-19 E 0850 WPTV-5 Palm Beach, FL (1185)	1830 WEDU-3 Tampa, FL (1270)

(Total is now 9. Dave would like to know if all Cuban stations use their own test patterns or are all the same? Also, does Venezuela use 525 or 625 line system? I thought it was 525. dp)

Joe Kureth, P.O. Box 572, Southern Pines, North Carolina 28387 (EDT)

5-20 Tr 0200 WTVT-13 Tampa, FL	6-20 Tr 0130 WRC-4 Washington, DC
5-23 Es 1700 KPRC-2 Houston, TX	0132 WVEC-13 Hampton, VA
5-31 Es 1500 KNOP-2 N. Platte, NE	0135 WMAR-2 Baltimore, MD
2230 KTBS-3 Shreveport, LA	0140 WSB-2 Atlanta, GA
2300 KARD-3 Wichita, KS	1530 KACB-3 San Angelo, TX
2310 KFDX-3 Wichita Falls, TX	GW 2200 WUNJ-39 Wilmington, NC
2315 KACB-3 San Angelo, TX	Tr 2340 WOAY-4 Oak Hill, WV
2316 KBTX-3 Bryan, TX	6-21 Es 1100 KTEW-2 Tulsa, OK
2320 KIII-3 Corpus Christi, TX	6-22 Tr 0135 WXEX-8 Petersburg, VA
2325 KFDW-4 Dallas, TX	0140 WTVR-6 Richmond, VA
2330 KPRC-2 Houston, TX	6-23 0111 WJCL-22 Savannah, GA
6-1 Tr 0900 WBOC-16 Salisbury, MD	0130 WAGA-5 Atlanta, GA
6-11 Es 1315 KGLO-3 Mason City, IA	Es 1100 CJBR-3 Rimouski, Quebec
6-14 Tr 0200 WSB-2 WAGA-5 WXII-11 GA	Es 1250 CBFT-2 Montreal, Quebec
6-18 Tr 0105 WTAR-3 Norfolk, VA	1252 WKTV-2 Utica, NY

Roger H. Brown
1617 Linden St.
East Lansing, Mi. 48823

August 1971

Next Deadline August 15

TV-DX AS NOTED BY ENTHUSIASTS IN WI, IL, IN, MI, OH, PA AND EASTERN CANADA

As this summer season progresses, reporters are in agreement about one item: Es has been WAY, WAY down. Comments from several DXers indicate this year's skip rivals 1960 in quality, if not quantity. Late reports (by phone to Chicago, by letter from Western New York) indicate Es quantity increasing during early July. My personal experience is miserable... my VHF antennas are frozen in a Westerly direction and I haven't taken many looks at the lower channels.

Tropo has been on the upswing during the first weeks of July. If you looked at the right times, you caught some dandies. Bill Draeb was up early as usual on the 4th of July, and found WAVY-10, Norfolk at 814 miles! Also, there has been quite a bit of frontal-associated tropo since the first of July keeping things interesting all across the reporting region... Especially on 7-9 and 12.

Enough chatter. This will be a long one...

David J. Egan, 12a Andrew, Valleyfield, Que. EDT

- | | |
|---|--|
| 6-23 Es 1258 WCIV-4 Charleston, S.C. (890) | 7-8 Es 1159 WESH-2 Daytona Beach, Fl. (1140) |
| 1300 WJXT-4 Jacksonville, Fl. (1110) | 7-9 Tr 1030 WSYR-3 Syracuse, NY (185) |
| 1306 WEAR-3 Pensacola, Fl. (1215) | 1030 WBEN-4 Buffalo, NY (265) |
| 1319 WTVY-4 Dothan, Al. (1145) | 1030 WROC-8 Rochester, NY (190) |
| 1459 KARK-4 Little Rock, Ark. (1205) | 1030 WOKR-13 Rochester, NY (190) |
| 1527 KYTV-3 Springfield, Mo. (1140) | Es 1922 Es in, several unids on ch 3 |
| 6-24 Es 1229 KYTV-3 1319 WSAV-3 Savannah (895) | 2000 WSB-2 Atlanta, Ga. (970) |
| 6-25 Es 0610 WBBM-2 Chicago (looked like MS...
then held steady) (690) | 2013 WTVY-4 Dothan, Al. (1145) |
| 1258 WJXT-4; 1254 WSAV-3; 1345 WTVJ-4
Miami (1395) | 2016 unid Atlanta BB on 4. Ideas? |
| Tr 0650 WAST-13 Albany, NY (185) | 2058 WRBL-3 Columbus, Ga. (1130) |
| 7-4 Tr 0900 CHCH-11 Hamilton, On. (340) | 2134 WSAV-3 Savannah, Ga. (895) |
| 0909 tent. WTOL-11 Toledo! | 2140 WJXT-4 Jacksonville, Fl. (1110) |
| 7-5 Es 1255 tent. KMTV-3 (IDed as...State
ntwk...probably Nebraska) | plus unids to 2200 |
| 1307 KHTL-4 Superior, Neb. (1265) | 7-10 Es 1100 WFBC-4 Greenville, SC (830) |
| (had short hop to Neb., Mo. at same
time in Michigan!! RB) | Skip on 6-23 began 1230, ended 1630. To ch
6 briefly at 1500. Began SC, moved to Ark,
Mo. First big Es of dull season. Present
log: 122 rcvd, 31 states plus DC, 4 prov,
a countries. Only one UHF so far, with no
set-up here. |

Mark L. Lewis, 224 Honiton St., Downsview, Ont. EDT

- | | |
|---|--|
| 7-5 Es 1030 KCKT-2 Great Bend, Kan. | 7-5 (cont.) Es 1300 KCMO-5, WDAF-4 Kansas
City |
| 1045 WMAB-2 State College, Miss.
(running MRTP w/WMAB keyed in)
(been on since 6-30 RB) | 7-6 Tr 0645 WKNX-25 Saginaw, Mi. |
| 1200 KFDX-3 Wichita Falls, Tx; | WIMA-35 Lima, Oh plus unid 18
w/RTP (possible WTVV Mark RB) |
| KARD-3 Wichita, Kan. | 0830 KETS-2 Little Rock, Ark. |
| 1226 KGNC-4 Amarillo, Tx.; WKY-4
Okla City; KOCO-5 Okla City | |

Lewis (cont.)

My reporting has been lax due to month-long trip to Yucatan Peninsula...have been working all night show at CKFM (99.9). Es opening on 7-5 best in a long time, some times 5-6 deep in channel 2's. Local 2's by the way include CKCO-1, Wiarnton, On. (100 KW, 900 ft. AAT) Station notes: WUTV-29 Buffalo now running 1000-0300 summer sked M-F, w/weekend s/off times variable, usually noon. CICA-19 on about 1600 weekdays, noon or 1300 weekends. They've had many technical problems including exceeding bandwidth.

Joel Rosenberg, 47 Pannahill Rd., Downsview, Ont. EDT

5-16 Es 1230 CBWFT-3 Winnipeg, Man.
 5-19 Tr 0115 WTOL-11 Toledo, Oh
 0130 CKLW-9 Windsor, On.; 4455N
 WJBK-2 Detroit 4454R;
 WKBD-50 Detroit 3145R.
 5-23 Es unid at 1815
 5-24 Es 1605 WUND-2 Columbia, NC
 5-25 Es 0905 unid 3, tent. KMTV
 5-26 unid Es
 5-27 Es 1900 WESH-2 Daytona Beach, Fl.
 1930 WPBT-2 Miami, Fl.
 5-30 Tr CKCO-TV-1 Wiarnton, On. (ch 2)
 6-4 Tr Us in NE Ohio in AM
 6-7 Tr Early AM to Mich and Youngstown, Oh.
 6-11 Tr 2000 WUTR-20 Utica, NY
 6-14 Es 1830 unid ch 2
 6-22 Es 1345 WBRZ-2 Baton Rouge, La.
 1400 WLBT-3 Jackson, Miss.
 6-23 Es 1245 WESH-2 Daytona Beach, Fl.
 6-26 Tr in AM WKBF-61 Cleveland; WUAB-43
 Lorain; WFMJ-21, WKBN-27, WYTV-33 Youngs-
 town; WKBD-50 Detroit; WSEE-35, WJET-24
 Erie; WBJA-34, WBNF-12 Binghamton; WDAU-
 22, WNEP-16, WBRE-28 Scranton; WENY-36
 Elmira. 2300 WICZ-40 Binghamton; WENY-
 36, WSYE-18 Elmira; WDAU-22 Scranton.
 6-27 Tr 0300 WNYS-9 Syracuse, NY.
 7-5 Es 1100 KCKT-2 Great Bend, Kn.
 1130 KFDX-3 Wichita Falls, Tx.
 1155 WKY-4 Okla City, Ok.
 1200 KOCO-5 Okla City, Ok.
 1255 WDAF-4 Kansas City, Mo.
 1300 KCMO-5 Kansas City, Mo.
 1315 KQTV-2 St. Joseph, Mo.
 1400 KNOP-2 North Platte, Neb.
 7-6 Tr 0900 WSJV-28; WNDU-16, WSBT-22 So.
 Bend, In.
 7-8 Es 1230 WKY-4 Okla City, Ok.
 7-9 Es WESH-2, WTHS-2 at 1230 & 1300
 7-10 Es 1140 KCKT-2; 1230 KOTA-3 Rapid City

Raymond Bell, 413 Burton Ave., Washington, Pa. 15301 EDT

6-23 Es 0830 WBAP-5 Ft. Worth, Tx. (only Es seen thus far this season)
 7-7 Tr 0830 WSAZ-3 Huntington, WVa; WDTV-5 Weston, WVa; WCHJ-8 Charleston, WVa; WBOY-12
 Clarksburg, WVa., WHTN-13 Huntington, WVa.

(Ray notes he had best U opening ever after a storm on 6-6, lists a long string of channels but no calls. Help! Sounds like Cleveland area Us. RB)

Jim Hayes, 9 Henry St., Wilkes-Barre, Pa. EDT

6-5 Es 2100 unid 2-3 to La.
 6-11 Es 1230 WBRZ-2 Baton Rouge, La. 3325R (1116)
 1300 KTEW-2 Tulsa, Ok. 5545R (1054)
 1600 KATC-3 Lafayette, La. 4322R (1170)
 1643 KTBS-3 Shreveport, La. 3322R (1140)
 6-15 Es 1200 KQTV-2 St. Joseph, Mo. 3033R (990)
 1553 WTHS-2 Miami, Fl. 5555R (1090)
 w/ID and time clock.
 6-20 Es 1400 WESH-2 Daytona Beach, Fl. 4423R (860)
 6-24 Es 1400 WBRZ-2 Baton Rouge 2544R
 6-25 Es 1100 KJAC-4 Port Arthur, Tx. 2422R (1235)
 1325 KTEW-2 Tulsa 4543R
 1405 WESH-2 Daytona Beach 4534R
 6-25 (cont.) 1430 KARD-3 Wichita,
 Kn. 1222N (1150)
 1800 WDIQ-2 Dozier, Al 4433R (950)
 6-29 Tr 0615 WCBS-2 New York 3355R (120)
 0813 WJAR-10 Providence, RI
 4533N230
 0900 WTNH-8 New Haven, Cn
 2544N170
 1000 WPRI-12 Providence, RI
 2444N230
 6-30 Es 1600 KMTV-3 Omaha, Neb 5534N
 (1030)

Hayes (cont.)

6-30 (cont.) 1630 KGLO-3 Mason City, Ia 2535N (895)
KTIV-4 Sioux City, Ia 5535N 1045
 unids to ch 6

7-5 Es 1007 KQTV-2 St. Joseph 3322R
 1030 KARD-3 Wichita, Kn 5533R
 1130 KCMO-5 Kansas City, Mo. 4435N (990)
 1200 KHAS-5 Hastings, Neb 3315N (1160)
 1255 KMTV-3 Omaha, Neb. 0432R
 1300 KGLO-3 Mason City, Ia. 2223R
 1318 KDLO-3 Watertown, SD 4534R (1091)
 1930 WEAR-3 Pensacola, Fl. 4532R (970)
 2000 KARK-4 Little Rock, Ar. 2525N (990)

7-6 Es 1100 WMT-2 Cedar Rapids, Ia. 3025R (710)

7-8 Es 2316 WLBT-3 Jackson, Ms. 4522R (1000)

7-9 Es 1130 WPTV-5 W. Palm Beach, Fl. 4535N (1012)
 1140 WCTV-6 Miami, Fl. 5535R (1090)
 1230 WTVJ-4 Miami, Fl. 5555N (1090)
 1245 WESH-2 Daytona Beach 5555R
 1300 WJXT-4 Jacksonville, Fl. 4443R (815)
 1330 WTVY-4 Dothan, Al. 4433N (870)
 1400 WRBL-3 Columbus, Ga. 5544N (775)
WWL-4 New Orleans, La. 2432R (1035)
 1800 CJCB-4 Sydney, N.S. 4445N

7-9 (cont.)

Tr 1900 WKTU-2 Utica, NY 2552N
(140)
 1930 WTTG-5 Washington, DC 23
2323N (175)
 2000 WPSX-3 Clearfield, Pa.
2422R (140)

Es 2240 WKY-4 Okla City, Ok.
3324R (1200)

Tr 2300 WFBG-10 Altoona, Pa 4545R
(140)

7-10 Tr 0045 WTAE-4 Pittsburg 2343R
(216)
 0100 WJAC-6 Johnstown, Pa.
3555R (167)
WIIC-11 Pittsburg 3444R
 0105 WTRF-7 Wheeling, WVa.
1322N (255)
WGAL-8 Lancaster, Pa.
2444N (82)

First good tropo came 7-9, 10. Installed Lafayette antenna 7-8...w/rotor. Really improves reception capabilities. Log total 72 and climbing!

Frank Wheeler, 6589 Wattsburg Rd., Erie, Pa. 16509 EDT

6-11 Es 1458 WDIQ-2 Dozier, Al. (815)
 6-14 Es 1700 KWGN-2 Denver, Co. (1292)
 1730 KTVS-3 Sterling, Co. (1188)
 1830 KDUH-4 Superior, Neb. (1138)

6-20 Es 1400 WPBT-2 Miami, Fl. (1090)
 6-23 Es 1500 KQTV-2 St. Joseph, Mo. (779)

That's all for June, which wasn't very good. This was one of the worst Junes for me since 1960 and 1967...my worst DXing years (since I began in 1959). I use a Wineguard CL4X antenna, a 4x Cats Whisker for UHF, both turned by hand (no rotor). Sure hope July is better. (looks like it was Frank. Hope next month's report shows more promise. RB)

John Parillo, 400 S. Market St., Girard, Oh. 44420 EDT

6-8 Es 1427 KWGN-2 Denver, Co. (1263)
 1430 KTWO-2 Casper, Wy. (1340)

6-11 Es 1700 KMID-2 Midland, Tx. (1335)
 1710 WBAP-5 (tent.) Ft. Worth, Tx.
(1100)
 1800 KDFW-4 Dallas, Tx. (1050)

6-13 Es KTEW-2 Tulsa, Ok. (885)

6-14 Es 1846 KTVS-3 Sterling, Co. (1160)
 1900 KWGN-2 Denver, Co. (1263)
 1930 KTWO-2 Casper, Wy. (1340)

6-23 Es 1307 WLBZ-2 Bangor, Me. (668)
 1458 KTEW-2 Tulsa, Okla. (885)
 1459 WKY-4 Okla City, Ok (980)
 1600 KNOP-2 No Platte, Neb.(1070)

(Since John and Frank Wheeler live in rather close proximity, it's kind of interesting to compare their reports. Also...note other reports from 6-23. RB)

Roger Windsor, 718 N. Fremont Rd., Valparaiso, In. CDT

7-9 Tr 1900 WTVP-47 Peoria, Il. 4535N (155)
 1925 WFYI-20 Indianapolis, In. 3454N (155)
 1930 WURD-40 Indianapolis 4554N (155)
 2000 KDNL-30 St. Louis, Mo. 3445R (255)

7-9 (cont.) Tr 2030 All Peoria Us, 5555
2035 WKBD-50, WXON-62 Detroit 4555R
(210)
 2040 KDUB-40 Dubuque, Ia. 3344R 215
 2045 WWJ-4 Detroit 5543R (210)

Windsor (cont.)

Log now at 248! Verification received from KTTS and KTHV DX of 6-19. (Looks like WTVP-47 showed up for several reporters on the same night! They've been on for just a couple of weeks. RB)

Morrie S. Goldman, 5815 Christiana Ave., Chicago, IL. 60645 CDT

6-19 MS 0524 WTTG-5 Washington, DC w/ TP, also at 0529, 0532, 0547, 0547:30 and many unid bursts on 5.	6-27 MS 0549 Washington, DC plus numerous other bursts of CB, Patterns, Pgm, etc.
6-20 MS 0657 WFRV-5 Green Bay, Wi. short distance but not first time by MS. Also, unids on 5.	7-4 Tr 0626 WNEM-5 Bay City, Mi. 3345R 7-6 Tr 1900 WJBK-2 Detroit, Mi. 5041R vy readable over local WBBM-2! WWJ-4 Detroit tent. 2022T
6-22 Es 1330 KIII-3 Corpus Christi, Tx 3223R	

Missed strong Es in morning on 7-8, to Texas. Every morning that I've checked for MS, except 7-4, has produced 30-35 bursts per hour. However, 95 percent of all seen on ch. 5 has been unid CB patterns, and programming. Test on times and TP types...and pgm details from Eastern members would be appreciated. I can reply in kind w/ local details. This year continues to be one of the worst seen here for Es. Have just purchased 2 Wineguard K-10-713 HB yagis. Plan to stack them horizontally, below dish, eventually...when dish goes back on the tower. Overall results from Finco L-26 LB yagi have been much to my liking. Two stage FET LB preamp is also performing well. (Details sometime Morrie? RB)

Gary Olson, 1203 Kenton, Deerfield, IL. CDT

5-31 Es 1530 KACB-3 San Angelo, Tx	6-26 Tr 0750 WTCN-11 Minneapolis plus two other unid ch 11's NW.
6-5 Es 2000 WEDU-3 Pensacola, Fl.	0900 WEAU-13 Eau Claire, Wi.
6-15 Es 2105 Unids, 2-3 gone by 2130	6-27 Es 1215 ch 2-5
6-16 Tr Us SE to Ft. Wayne, Lafayette, In.	1230 WOAI-4 San Antonio, Tx.
6-17 Tr Us E including WKNX-25 Saginaw, Mi. in morning.	7-6 and 7-10 Tr good to 250-300 miles

DX has again been spotty. This year's skip seems similar to 1960 when virtually nothing was seen. Not one substantial opening of any duration this year. With Dave Janowiak's plans and Morrie Goldman's much appreciated assistance my tower is taking shape. All is ready and waiting on 7 foot dish from Lafayette (have waited 10 weeks.) By the way, saw Don Ruland and family...now living in Kenosha. (note next report. RB) DXing interrupted 7-11 by arrival of second child...first girl. (many congratulations Gary RB)

Don Ruland, 4448 68th Place, Kenosha, Wi. 53140 CDT

NOTE: since Don just began in his new QTH, most of the reception below is new. Therefore nothing is underlined.

6-22 Tr 0530 WBNS-10 Columbus, Oh (320) WTOL-11 Toledo, Oh (230) 0540 WFBM-6 Indianapolis (220) 0620 WTTV-4 Indianapolis (230) 0630 WWJ-4 Detroit, Mi. (250) 0640 WHBF-4 Rock Island (170) 0647 WILX-10 Onondaga, Mi. (180) 0655 WICD-15 Danville, IL. (170) 0700 WLKY-32 Louisville, Ky. (330)	6-23 (cont.) Tr 0630 WKBT-8 LaCrosse, Wi (190) 0635 WJMN-3 Escanaba, Mi. (240) 0642 WTOM-4 Cheboygan, Mi. (280)
6-23 Tr 0550 WFBM-6 Indy 0610 WJIM-6 Lansing, Mi. (170)	6-24 Tr 0550 WMBD-31 Peoria, IL. (160) 0557 WISH-8 Indianapolis (220) 0630 KMOX-4 St. Louis, Mo. (300) 0657 WICS-20 Springfield, IL. (220) 0658 WEEK-25 Peoria, IL. (160) 0655 WQAD-8 Moline, IL. (170)
	6-25 0630 WWJ-4 and WTTV-4

Ruland (cont.)

- 6-26 Tr 0930 WWTW-9 Cadillac, Mi. (170)
over semi local WGN
1000 WPBN-7 Traverse City, Mi. (190)
over WLS-7
1030 WEAU-13 Eau Claire, Wi (240)
1100 WSAU-7 Wausau, Wi. (170)
1310 KROC-10 Rochester, Mn. (260)
- 6-28 0620 WLWI-13 Indianapolis, w/ other Indy V's
0645 WTHI-10 Terre Haute, In. (220)
- 6-29 Tr 0700 WKJG-33 Ft. Wayne, In. (180)
- 7-2 Tr 0530 WTOL-11 0540 WSPD-13 Toledo
0557 WNEM-5 Bay City, Mi. over WMAQ
- 7-3 Tr 0600 WSIX-8 Nashville, Tn. (450)
0800 KDUB-40 Dubuque, Ia. (150)
0930 WOC-6 Davenport, Ia. (160)
- 7-6 Tr 0555 WANE-15 Ft. Wayne, In. (180)
0600 WJW-8 Cleveland, Oh. (330)
0625 WJRT-12 Flint, Mi. (220)
0655 WDHO-24 Toledo, Oh. (230)
0700 WKNX-25 Saginaw, Mi. (230)
- 7-7 Tr 0600 KMOX-4 St. Louis, Mo. (300)
- 7-9 Tr 0600 WTOL-11, WSPD-13 Toledo (230)
0700 KROC-10 Rochester, Mn. (260)
1700 WJJY-14 Jacksonville, Il. (230)
1730 WTVP-47, WRAU-19 Peoria (160)
1750 KDNL-30 St. Louis, Mo. (300)
1800 WICS-20 Springfield, Il. (220)
KCRG-9 Cedar Rapids, Ia. (260)
2000 WLFH-18 Lafayette, In. (160)
2100 KWLL-7 Waterloo, Ia. (230)
- 7-10 Es 0605 KPRC-2 Houston, Tx. (980)
0700 KIII-3 Corpus Christi, Tx. (1160)
- Tr 0550 WTOL-11, WSPD-13 Toledo
0755 WPTA-21 Ft. Wayne, In. (180)
0758 WAKR-23 Akron, Oh. (330)
0830 WKBD-50 Detroit, Mi. (250)
0900 WIMA-35 Lima, Oh. (240)

Moved to Kenosha June 7, began TV DXing here on June 22. Equipment includes 1968 Zenith Color, Gavin #1023 VHF 23 Element and Jerrold 15 Element UHF ant., plus Alliance U-100 Rotor on 35 foot tower. First Es seen (KPRC-2) was former local. (big midwest WELCOME Don. Guess I'll have to add an extra page to the column. RB)

William J. Draeb, Ellis Street R.R.#2, Kewaunee, Wi. 54216 CDT

NOTE: Bill's report arrived too late for the column last month, so here's a big two months worth...and as usual a good look at available DX in the Midwest for the season through mid-July. Milages not added unless included in original report.

- 5-15 MS 0545 WKTW-2 Utica, NY
-552 WGR-2 Buffalo, NY
- 5-16 Tr 0645 WAND-17 Decatur, Il.
0800 WMBD-31 Peoria, Il.
- 5-18 Es unid on 2-4 at 1645
- 5-21 Es 1745 WOAI-4 San Antonio, Tx.
1754 WLBT-3 Jackson, Ms.
2212 KGNC-4 Amarillo, Tx. plus many unids
- 5-22 Tr 0530 WISH-8 Indianapolis, In., WJW-8 Cleveland
0558 WIIC-11 Pittsburg, Pa.
0615 WBNS-10 Columbus, Oh.
- 5-23 Es 1612 WOAI-4; 1710 WBAP-5 Ft. Worth
KDFW-4 Dallas.
1800 KGNC-4 Amarillo, Tx.
1847 KWGN-2 Denver, Co., KOA-4 Tent.
also, tent. Salt Lake City on 2,4&5 at 2035, others possible.
- 5-24 Es 1940 WEAR-3 Pensacola, Fl.
1957 WDIQ-2 Dozier, Al plus unids
- 5-29 Es 1715 WEDU-3 Tampa, Tx.; WJXT-4 Jacksonville; WESH-2 Daytona Beach
2158 WLBT-3 Jackson, Ms.
2233 KBTX-3 Bryan, Tx.
- 5-30 MS 0548 WSB-2 Atlanta, Ga.
0552 WJXT-4 Jacksonville, Fl.
- 5-31 Es 1458 KMID-2 Midland, Tx.; WBTX-3 Bryan KDFW-4 Dallas, Tx.
1530 WOAI-4, KENS-5 San Antonio, Tx.
- 6-5 Tr 0600 WHIO-7 Dayton, WBNS-10, WJW-8, WISH-8.
- 6-6 Tr 0800 WKNX-25 Saginaw, WDHO-24 Toledo
Es 1200 KTWO-2 Casper, Wy.; KDUH-4 Hay Springs KOTA-3 Rapid City, KOA-4 Tent.
Tr 1930 WCMU-14, WUCM-19 Michigan
- 6-8 MS 0545 WCIV-4 Charleston, S.C.
Tr 2015 WCAE-50 St. John, In., WKBD-50 Detroit, WTVS-56; WXON-62 Detroit; WUAB-43 Lorain;
2025 WVIZ-25, WKBF-61 Cleveland
2032 WEEK-25, WMBD-31, Peoria
2048 WOSU-34 Columbus, Oh.
2053 WAKR-23 Akron, Oh.
2115 WICD-15 Danville, Il.
- 6-9 Tr 0530-0610 WTRF-7 Wheeling, WISH-8, WJW-8, WCPO-9 Cincinnati, WSTV-9 Stueben-ville, WBNS-10, WHAS-11 Louisville, WICU-12 Erie

Draeb cont.

- 6-10 Tr 0530-0600 Same as 6-9 plus WHEC-10 tent. (Rochester, NY), WNBE-12 Tent. Binghamton
- 6-11 Tr 2015 WCMU-14 Mt. Pleasant, WKNX-25 Saginaw, WKBD-50, WTVS-56, WXON-62 2045 WUCM-19, 2100 WDHO-24 Toledo
- 6-12 Es 1718 WEDU-3 Tampa plus WITI-6, WTMJ-4 by what definately appeared to be Es at 100 miles! Lots of unids.
- 6-13 Es 1645 WEDU-3, Tampa, WDIQ-2 Dozier, WKRG-5 Mobile, WEAR-3 Pensacola and tent. WRBL-3, WJXT-4
- 6-14 MS 0550 WCIV-4 Charleston, SC
0615 WLBT-3 Jackson, Ms.
Tr 0615 WCIA-3 Champaign, Il.
1900 WCAE-50 St. John, In.
1940 WICD-15 Danville, Il.
Es 1700 unids on 2,3&4
- 6-15 Tr 1930 WCAE-50, W72AN
1948 WKBD-50 Detroit, WCMU-14;
WLFI-18 Lafayette, In.
2030 WICD-15 2100 WUCM-19
- 6-18 Tr 0550 CHCH-11 Hamilton, Ont.
plus WJW-8, WICU-12, WSTV-9
- 6-19 Tr 0545 WHIO-7, CHCH-11, WCPO-9,
WISH-8, WJW-8, 0615 KWWL-7
0620 KRNT-8 DesMoines
0632 KHQA-7 Hanible, Mo.
0638 WGEM-10 Quincy, Il.
1930 WKBD-50, WTVS-56, WXON-62
Detroit, WVIZ-25 Cleveland,
WDHO-24 Toledo, WGTE-30 Toledo,
WAKR-23 Akron, WIMA-35 Lima, Oh.
1945 WJAN-17 Canton, Oh.
2000 WJET-24 Erie, WUAB-43 Lorain
2010 WKBN-27, WFMJ-21 Youngstown
2024 WUTV-29 Buffalo (445 mi.)
2030 WSEE-25 Erie 2047 WQLN-54 Erie
2100 WPTA-21, WANE-15 Ft. Wayne,
WLEX-18, WKYT-27 Lexington, Ky.
2107 WLBC-49 Muncie, In.; WURD-40
Indianapolis (336 mi.)
2127 WKEF-22 Dayton
- 6-26 Tr 0530 WKBW-7 Buffalo (snowfree)
WNBF-12 Binghamton (almost snowfree)
at 600 miles) WJW-8, WCPO-9
0550 CFTO-19 Toronto
0610 WHIO-7, WBNS-10 0620 KRNT-8
0635 WICU-12 vy strong WHEC-10
Rochester, NY weak 0645 WSEE-35
0815 WJET-24, WTVS-56 0833 WDHO-24
1645 KDUB-40 Dubuque
1735 WVIZ-25, WUAB-43, WKBF-61
1740 WPGH-53 Pittsburg, WFMJ-21
WKBN-27, WYTV-33 1800 WJAN-17
2045 WUTV-29, WQLN-54
2145 WXXI-21 Rochester (525 mi)
- 6-27 Tr 0530 WJW-8 Cleveland
0630-0650 WAKR-23 Akron, WUAB-43
WKRC-12 Cincy, WICU-12 Erie,
WIIC-11, WSTV-9, WTRF-7, WHIO-7
0655 WANE-15 Ft. Wayne
0705 KRNT-8 Des Moines
0735 WXIX-19 Cincinnati, WKEF-22,
WPTA-21
0850 WKJG-33 Ft. Wayne
Es 1135 KPRC-2 Houston, WBAP-5 Ft.
Worth, KDFW-4 Dallas
1255 KARK-4 Little Rock, KMID-2
Midland
1325 KGNC-4 Amarillo
- 7-2 Tr WICD-15 Danville, WLFI-18 at 1900
2145 WEEK-25, WMBD-31 WTVP-47
Peoria, WRAU-19 Peoria
2220 WICS-20 Springfield
2253 WEEQ-35 LaSalle, Il. 2303
KDUB-40
- 7-3 0530 WHIO-7, WJW-8, WCPO-9, WBNS-10
0615 WHAS-11, WISH-8, KWWL-7
- 7-4 Tr 0530-0600 WJW-8, WXEX-8 tent. under-
neath
WJW WCPO-9, WSTV-9, WSLs-10
Roanoke, Va (663 mi) WBNS-10,
WIIC-11, WKRC-12, WHIO-7,
WAVY-10 Norfolk, Va. at a
whopping 814 miles! Wedge tp
overode others at 0630, made
positive ID.
0640 WDBJ-7 Roanoke (663 mi.)
0645 WMBD-31, WRAU-19
0700 WAKR-23 Akron 0727 WTRF-7
Wheeling.
- 7-5 Tr 0645 KWWL-7 0820 KDUB-40; KVPD-21
Ft. Dodge
WMBD-31 0838 WEEK-25 0849 WICD-
15
Es 1045 tent. Salt Lake City on 2,4&5
1125 WLBT-3 Jackson, Ms.
Tr 1900 WCAE-50, WKBD-50, WXON-62
2000 WKEF-22, 2030 WKJG-33,
WANE-15, WPTA-21, WDHO-24,
WCMU-14, WUCM-19, WKNX-25,
WKBF-61 2107 WLBC-49
- 7-6 Tr 0530 WJW-8, WISH-8, WBNS-10
1700 WCAE-50 1900 WKBD-50,
WXON-62
- 7-7 Tr 0540 WJW-8, WISH-8

Draeb cont.

Trops were pretty good, Es were down. The WAVY-10 catch has me excited after several days! Took a photo but don't know results w/ QRM. They were in from set turn on at 0530, and I thought I'd never get an ID...but they got stronger and overrode WBNS. Didn't notice anything on UHF...must have been a VHF only opening. (possible but...maybe not RB)
Log now 453.

Ray Stilwell, 1113 Cleveland, Lansing, Mi. EST

NOTE: Ray is a new TV-DXer...powerfully prodded by your editor...and all or most of the below are new...and not underlined.

6-8 Tr 2200 WBAY-2 Green Bay, Wi 5544N	6-15 Es 2230 KMID-2 Midland, Tx.
2205 WTMJ-4 Milwaukee, Wi 4342N w/ hy QRM fm WWJ-4	Tr 2300 WFYI-20 Indianapolis, In. 2225N
2215 WFRV-5 Green Bay, Wi 3332N	2400 WSJV-28 So. Bend, In. 5555N
2400 WCEE-23 Rockford, Il.	6-19 Tr 2200 WICD-15 Champaign, Il.
6-9 Tr 0010 WMTV-15 Madison, Wi 3345N (250)	WLFI-18 Lafayette, In.
2226 WTVK-26 Knoxville, Tn 3325N (470)	6-23 Tr 1845 KFIZ-34 Fond du Lac, Wi 2225N
2230-2300 WKMR-38 Morehead, WKPI-22	6-24 Tr 0730 WSEE-35 Erie, Pa. 5445N
Pikeville, WLEX-18 Lexington,	6-26 Tr 1300 WMTV-15 Madison, Wi. 4455N
Lexington all 3-400 miles. WKYT-27	WKOW-27 Madison 4455N
2320 WTTV-4 Bloomington, In. 3223N	7-5 Tr 2240 KDUB-40 Dubuque, Ia. 4555N
6-10 installed CMA-U preamp below 7' Ch Master	2300 WJYJ-14 Jacksonville, Il. 2123T
dish, w/ RG11u foam coax	7-6 Tr 2230 WEEQ-35 LaSalle, Il. 2125N
Tr 2300 WIMA-35, Lima, Oh. 4455N	7-7 Tr 2330 WFMJ-21 Youngstown, Oh. 3345N
WKJG-33 Ft. Wayne, In. 5555N	WPGH-53 Pittsburg, Pa. 1025N
2310 WKEF-22 Dayton, Oh. 4335N	7-8 Tr 2140 WXOW-19 LaCrosse, Wi. 2223N
6-14 Tr 1230 WTV0-17 Rockford, Il. 3355N	7-15 Tr 2300 WXIX-19 Cincinnati 3455N

Total since beginning this crazy hobby on 5-15-71, 72 stations. (and a lot of phone calls to R. Brown, comparing conditions. What have I created? RB)

Charles A. Dobbins, 12851 Longacre, Detroit, Mi. EST

5-13 MS 0555 WKY-4 Okla City, Ok. 4044N (925)	6-21 MS 0509 Unid-2 w/ ad for "Ambassador College." Any ideas????
5-14 MS 0508 WSB-2 Atlanta, Ga. 4434R (650)	Tr 0520 WLWT-5 Cincinnati 2422N (235)
Tr 0540 WBBM-2 Chicago, Il. 2433R (240)	6-22 Tr 0454 WCPO-9 Cincinnati 4544N (235)
MS 0545 WKY-4 OKCity 4454R (925)	6-23 Tr 0548 WTAE-4 Pittsburg 2042R (215)
6-1 Tr 0615 WIMA-35 Lima, Oh. 4244N (125)	6-24 Tr 0531 WTRF-7 Wheeling 1033R (210)
6-2 MS 0455-0522 Many relogs on 2	2103 WBGU-70 Bowling Green, Oh.
Tr 0542 WFBM-6 Indianapolis, In. 3033R (245)	4554N75
0548 WISH-8 Indianapolis 4323R	6-26 Tr 0522 WKBW-7 Buffalo, NY 4554R (230)
6-3 Tr 0515 WMAR-2 Baltimore 2312R (410)	7-8 Tr 0500 WCBS-2 NYC 1012R (500)
6-7 Tr 0452 CHCH-11 Hamilton, On. 2342R (180)	Tr 0503 WKBW-7 Buffalo 3443R
MS 0554 WCIV-4 Charleston, SC 4033N (645)	0537 WICU-12 Erie, Pa. 2442N (162)
6-10 Tr 0445-0505 KDKA-2, WKYC-2, WLWC-4, WJW-8,	7-9 MS 0509 WSB-2 Atlanta, Ga. 3443R (650)
WBNS-10 all 5555R	plus many unids (20-25 burst in
MS 0556 WKY-4 OklaCity 3343R	half hour) on 2.
6-15 MS 0509 WSB-2 Atlanta 5545R (650)	
6-19 Tr 0541 WHIO-7 Dayton, Oh. 3434N (190)	

Roger H. Brown, 1617 Linden St, E. Lansing, Mi. 48823 EST

6-16 Tr 0720 WEEK-25, WMBD-31 Peoria 5555R (300)	6-17 (cont.) WLFI-18 5554R 250 and 190.
0800 KDUB-40 Dubuque 2445R (310)	2245 WBRE-28 Scranton, Pa. 2223R (470)
6-17 Tr 0700 Same as above plus WICD-15,	

Brown (cont.)

- 6-18 Tr 0615 WBRE-28 4435R (470) 0620 WICZ-40 Binghamton 3325R (410) 0630 WSYE-18 Elmira 2233R (380) 0825 WBJA-34 Binghamton 2235R (410)
- 6-21 Tr 2230-2300 WICS-20 Springfield, Il. 3345R (330), WAND-17 Decatur, Il. 4444R (300) WUSI-16 Olney, Il. 3332R (320), KDNL-30 St. Louis, Mo. 3423R (410)
- 6-22 Tr south, SE incl WTAP-15 Parkersburg, WV a 2322N (280)
- 6-27 Tr 0820 WLEX-18, WKYT-27 Lexington 3343R (310)
Es 1145 unid SW. 1200 KPRC-2 Houston
- 7-3 Tr 2305 WYAH-27 Portsmouth, Va. 1322N (594) w/ gospel telethon, confirmed by phone. Found them between WKBN-27 & WKYT-27.
- 7-5 Es 1200 KMID-2 Midland, KWGN-2 Denver 1215 KNOP-2 No Platte, Ne., 1220 KQTV-2 St. Joseph Mo. (590 mi.) 1230 KDUH-4 Hay Springs, Ne. 1400 KTBS-3 Shreveport.
Tr 2200 WHA-21 Madison, KDUB-40 Dubuque
- 7-7 Es 1200 Unid west (Lucille Rivers) on 2 Tr 2245 WXOW-19 LaCrosse 2422R (335) KDUB-40 3445R (310)
- 7-9 Tr 1720 WTVP-47 Peoria 4445N (300) plus others to 300 miles.
- 7-12 Tr 2120 KDNL-30 St. Louis 3443R (410) 2135 WLKY-32 Louisville 5555R (320) 2145 WKSO-29 Somerset 3345R (400) 2150 WKLE-46 Lexington 4445R (310) 2200 WKZT-23 Elizabethtown 1222N (360) 2201 WKGB-53 Bowling Green 4455N (410) 2300-2400 WKYT-27, WBLG-62, WLEX-18, WDRB-41
- 7-13 Tr 0002 WDXR-29 Paducah 0420N (460)
- 7-15 Tr 2145 WTIU-30 Bloomington 3433N (260)

That's it for a long column. Had a nice letter (very welcome) from Dave Janowiak...notes a "sour" DX season because of (1) poor tower manufacture...had to lower it twice (2) rotor problems (3) a ch 2-6 yagi hasn't arrived yet and other antenna plans have been held off. He has up a very sad 8 el JFD-LP for LB, 4 HB yagis in an array and a seven foot dish. He sees tropo scatter to at least 250 miles per day. Wow! He logged WKAQ-2 on 2 hop Es in early June plus three new 4's (WTVY, CBOT, WCIV) via MS...and WTVP-47 for a current total of 348.

Your editor is out of time! See you at Convention '71! 73s, BEST DX...Rog

FERDINAND S. DOMBROWSKI, 1311 W. MADISON ST., APT. 11, MILW., WIS. 53204 (CDT)

A LITTLE SKIP TO REPORT, AND EVEN ONE DAY OF TROPS! ON 25 JUNE SOME UNIDED ES WAS SEEN ON CH. 2 AT 1640. TWO DAYS LATER THERE WAS A REPEAT PERFORMANCE AT 2225 ALSO ON CHAN. 2.

ON 2 JULY I GOT MY FIRST NEW STATION OF THE YEAR--W70AO IN FOND DU LAC, WIS.

ON 5 JULY THE BEST SKIP IN WEEKS WAS SEEN:

WUSN-2, 0955, AND CCI ON 5 AS WELL.

KTWO-2, 1000, AND CCI ON 3 AND 5.

UNIDEDS ON 2, 3, AND 5 UNTIL ABOUT 1115, AND ON 2 BRIEFLY ALSO AT 1430 AGAIN.

6 JULY: UNIDED ES ON 2 AND 3 1830-1900, CDT.

7 JULY: EXTENDED GROUND WAVE (NOT GOOD ENOUGH FOR TROPS BY MY RULES): WESTERN IOWA STNS PRETTY GOOD --ESPECIALLY KWML-7 IN COLOR; WKBT-8 AND WQAD-8 ALSO GOOD AT SIGN-OFF; GREEN BAY ALSO BETTER THAN USUAL ALTHO NOT AS GOOD AS THE OTHERS.

8 JULY: A BANG-UP DAY FOR SKIP; LUCKY I TOOK THE DAY OFF FROM WORK, ALTHO NO NEW STNS WERE SEEN. AT 0950 DISCOVER WESH-2 AND TENT-WTHS-2, KATC-3 AND AN UNIDED ON 3 AS WELL AT THE SAME TIME. MORE UNIDEDS ON 2, 3 AND 5 UNTIL IDS FOR KPRC-2 AT 1130, AND KMID-2 AT 1200.

NO MORE IDS UNTIL 1600 WHEN I GET WPBT-2 AND KOOK-2. AT 1627 THERE IS AN AD FOR DAYTONA BEACH AREA (WESH-2 ASSUMED), AND SKIP ENDS FINALLY AFTER 1630.

ON 10 JULY THE FIRST CLEVELAND AREA DX OF THE YEAR IS SEEN WITH THE USUAL WDHO-24, WAKR-23, AND DETROIT'S WKBD-50. DIDN'T LOOK UNTIL MIDNIGHT SO I UNDOUBTEDLY MISSED A FEW THAT HAD ALREADY SIGNED OFF THE AIR. BRIEF UNIDED SKIP SEEN AT 1320, AND 2045.

12 JULY WAS THE BEST DAY YET FOR SKIP, IN 1625-2000+. ALTHO STRICTLY ON 2 AND 3 AND MOSTLY UNIDED, THERE WERE ENOUGH IDS TO GIVE A GENERAL IDEA OF WHAT WAS SEEN: 1700: WCBS-2. 1730: WDIQ-2-TENT. 1800: WGBH-2. 1900: WGBH-2. 2000: KMID-2.

PRODUCT NOTES

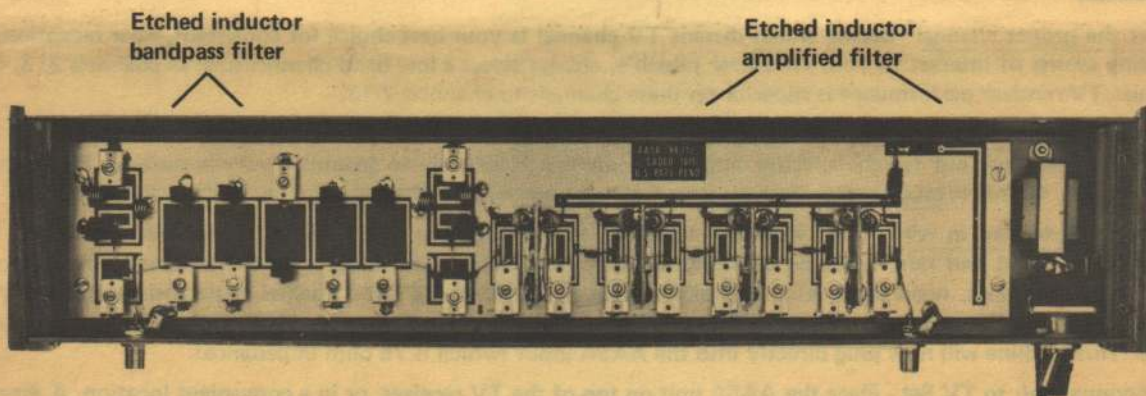
★ ★ ALL AMERICAN SPORTS AMPLIFIER ★ ★



★ ★ The TV Sports Blackout Eliminator Box! ★ ★

The ALL AMERICAN SPORTS AMPLIFIER is an entirely NEW concept in home television viewing pleasure. With this unit installed in your home, and a modest antenna on your roof, your living room will turn into a sports theatre for those locally-blacked-out professional TV sporting events that are broadcast only on "distant" television stations. For example, you live in or near a major U.S. city with a professional football team. When your "home" team plays at home, all local TV stations (those within 75 miles of your home team stadium) are prevented by law from carrying the home team home games. However, with this special pre-amplifier connected to your television receiver, and a modest rooftop antenna, you can view the home town "home games" as broadcast by television stations 75, 100, 125 or even 150 miles away!

Utilizing a unique and patent pending system of combining multiple stages of bandpass filtering with multiple stages of ultra low noise, high gain, (j-fet) pre-amplification, the All American Sports Amplifier is truly "something special". The AASA is totally unlike any existing TV pre-amplifier or signal booster on the market today.



Each AASA unit is designed specifically for one VHF channel (any single channel, 2 to 13). Signals entering the device from the antenna are first electronically filtered to ensure that ONLY the desired single channel of interest passes through the unit; all others are rejected electronically by the filtering system. Once filtered and separated from all of the signals and channels delivered by the antenna system, the single channel of interest is amplified and filtered again. All of this is done utilizing a revolutionary new space-age system of etched inductances (see photo above) where the usual wire wound coils found in all TV reception devices are eliminated entirely by printed circuit coils, directly on the unit's "chassis" board.

Specifications:

Single Channel Gain - 22 db gain standard

Adjacent Channel Rejection - Nearest adjacent channel carriers (sound on lower channel, picture on higher channel) are rejected 16-22 db typically. Lower adjacent channel picture, upper adjacent channel sound rejected by 40-50 db typically.

Noise Figure - Low band (channels 2-6), 3.0 db
High Band (channels 7-13), 5.0 db

Dynamic Range - 100 db dynamic range before 1.0% sync compression

Input/Output Impedances - 75 ohms, standard "f" series MATV fittings (auxilliary 75 to 300 ohm matching transformer required at input and output for 300 ohm systems)

Operating Power -

AC Models - 117 VAC, under 25 mA current load

Housing -

Aluminum housing, anodized, with wooden end caps

Connections -

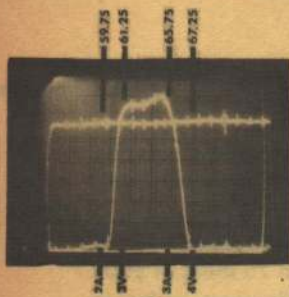
Input TV, Output TV, power on/off (all on rear panel)

Note -

Specifications may change at any time, and the manufacturer is not responsible for production changes in specifications

The All American Sports Amplifier will be featured on the front cover of POPULAR ELECTRONICS Magazine September, 1971.

PERFORMANCE



This swept-spectrum display, photographed from the display screen of a Texscan Model 9300 sweep/display system, shows the extreme selectivity of a typical AASA unit. Note that the channel 3 visual (picture) carrier at 61.25 MHz and the channel 3 aural (sound) carrier at 65.75 MHz are within the flat top portion of the display curve. However, channel 2 sound (59.75 MHz) and channel 4 picture (67.25 MHz) carriers are completely "out of the passband" of the unit.

This off-the-TV-screen photo of channel 3, KARD-TV, Wichita, Kansas (a distance of 153 miles from the TV receiving location in Oklahoma City) is typical of the performance the AASA can deliver. Please note that this reception was provided even though a local channel 4 TV station in Oklahoma City (only 2.1 miles from the TV receiving location) was on the air telecasting at the time the photo was taken!



Installation:

- 1) **Select the proper channel** - decide which distant TV channel is your best choice for consistent, clear reception, for the sporting events of interest to you. Whenever possible, always select a low band channel such as channels 2, 3, 4, 5 or 6 because TV receiver performance is superior on these channels to channels 7-13.
- 2) **Erect the proper antenna** - the best antenna for single channel reception from a distant station is a 5 or 10 element single channel yagi; cut for the specific channel of interest. Height above ground is very important, 20 feet is better than 10 feet, 40 feet is much better than 20 feet. Antennas are very directional - aim carefully at the distant TV station.
- 3) **Choose proper lead in wire** - most antennas are designed for 300 ohm "flat/tubular" line. This type of line is easily damaged by wind and rain, must be carefully installed, and has no shielding against interference from automobile ignition, power lines, neon signs, etc. The best choice is RG-59/U (75 ohm) coaxial cable and nearly all TV supply houses carry outdoor antenna mounting 75 to 300 ohm matching transformers to convert the 300 ohm antenna to 75 ohms. This feedline will now plug directly into the AASA input (which is 75 ohm impedance).
- 4) **Inter-connection to TV Set** - Place the AASA unit on top of the TV receiver, or in a convenient location. A short length of RG-59/U 75 ohm cable (not provided) inter-connects through a 75/300 ohm matching transformer (not provided) to the TV set VHF antenna terminals, in place of your regular antenna. NOTE: do not leave the regular antenna connected when the AASA unit is attached to the TV set.
- 5) **Operation** - Simply dial your TV set to the distant channel, plug the AASA into your AC wall outlet, and turn the AASA power switch to on. There are no user adjustments on the AASA (wired and tested models) other than the on/off switch. Carefully adjust your TV set fine tuning for best picture and sound from the distant TV station, sit back and enjoy the blacked out TV sporting event!
- 6) **Options** - Wired and tested models are factory pre-tuned for the specific channel ordered by the user. Full instructions are packed with each unit.

1. FULL INSTRUCTIONS PROVIDED FOR ANTENNA INSTALLATION

This Device Available from:

CADCO TV SYSTEMS
4444 CLASSEN BLVD.
OKLAHOMA CITY, OKLAHOMA
73118 / TEL. 405 528-7988

Wired and Tested - \$97.50 (specify channel desired when ordering)

The ALL AMERICAN SPORTS AMPLIFIER is a registered trade-mark of CADCO - Community Antenna Development Company, Oklahoma City, Oklahoma; patents pending.

WESTERN DX

August 1971

Dennis Park Smith
450 Poplar Avenue
Wasco, California
93280 U.S.A.

Deadlines: 12th of each month

Well, my unsettled situation caught up with me last month, and I didn't get the July column in on time. This time, I will be away from home after the 10th so must get the column in a little early so undoubtedly have missed some reports. Apologies to all for delaying these many worthwhile loggings. I have finally finished my master's degree work at Santa Barbara, but am not really sure of my whereabouts in September. I hope I do not cause loss of your interest because of my inconsistencies.

A DX test will be held at KFDO-8 by Glen Neal. In his words:

"A TV-DX SPECIAL will be conducted by me at KFDO-8, Sayre OK, on the night of Aug 13 (early AM of Aug 14) at 2445-0115 CDT. Not before that time, and not after. This will coincide nicely with the great Perseids storm. Thus here at last is your chance to participate in a TV-first (first in a long time, anyway. dps), and log some high-band VHF MS besides. The video will be a ID slide, white background with black letters. Look for a slim 8 on the right side, with the call and location on the left side. The audio will be a 1-kHz tone. We are +10 kHz offset, with visual ERP of 26.3 kW and aural ERP of 5.25 kW. Call me that Friday night at Ch 8 (405 928-3233) and we'll talk about it." All right, friends. Go after it.

So far, the season has been very much below par. Tropo has been only fair, and Es has been quite poor in number and length of openings and in MUF attained. The good Es sessions quit at the end of May; there was some try at good openings in late June but they gave up trying late in the month, too. Altogether, there was at least some trace of Es on these June dates: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 18, 19, 20, 22, 23, 24, 25, 26, 27, 28, 30; July: 2, 3, 4, 5, 6, 8, 10, 11.

Stu Grade, 2828 S. Cornelia, Sioux City, Iowa 57106 (21May- 30Jun) (Times as noted)

From Sioux City (CDT)		VAFI	Mi. (11)	GW (1833)	KHJ - 9	Los Angeles	4554	115
M21	Es 2230 KTVN 2	Reno NV	3133	1200	lcl 1834	KOGO-10	San Diego	5555 15
26	Es 1000 KOAI 2	Flagstaff AZ	4344	950	GW	KTTV 11	L.A.	5555 115
J19	Tr 0009 KCRG- 9	CedarRapidsIA	2445	215	lcl	XEWT-12	Tijuana	5555 20
25	Tr 2315 WDAZ- 8	DevilsLake ND	3122	400	GW 1835	KCOP 13	L.A.	5555 115
26	Tr 0015 KXJB- 4	Fargo ND	3345	300	lcl	KPBS-15	San Diego	5555 8
From Cañon City, Colorado (MDT)						KCST 39	San Diego	5555 8
J3	lcl 1931 KØ2### 2	CañonC.(KKTV 11)	4555	0	GW 1840	KLXA 40	Fontana-L.A.	3444 115
	1930 KØ4### 4	CañonC.(KRDO-13)	4555	0		KMEX 34	L.A.	3445 115
	GW 1925 KOAA- 5	Pueblo CO	5555	35		KBSC 52	Corona-L.A.	3445 115
	1932 KTSC 8	Pueblo	4555	35	1900	KCET 28	L.A.	3445 115
	1931 KKTV 11	Colo.Springs	3455	35	12 GW 1800	KWHY 22	L.A.	3335 115
	1930 KRDO-13	Colo.Springs	3455	35	Not noted at San Diego: KKOG 16 Ventura, XHS-23 Ensenada, KBSA 46 Guasti-L.A.			
From Gallup NM (MDT) KGGM 13								
J4	GW 2200 KOB-4	KNME-5	KOAT-7	via cable.	(16 & 46 are not on air; 23 is a mystery; did you overlook KHOF-30, Stu? dps)			
	lcl 2205 K76### 76	Gallup (KOAT7)	3355	(No Uart)				
From San Diego, California (PDT)					From St. George, Utah (MDT)			
J11	GW 1830 KNXT 2	Los Angeles	5555	115	14	lcl 2020 KØ2### 2	StGeorge (KUTV2)	4455 0
	Tr 1831 KEY-T 3	Santa Barbara	4545	190		KØ8### 8	" (Ch2 (KSL-5))	4555 0
	GW	KNBC 4	L.A.	5555	115	K11### 11	" cn-cl? (KORK3)	5555 0
	1832 KTLA 5	L.A.	5555	115		K13### 13	" dps) (KCPXA)	3455 0
	lcl	XETV 6	Tijuana BCN	5555	20	K??### 83?	" (KUED7)	4455 0
	GW	KABC- 7	L.A.	5555	115	From Rawlins, Wyoming (MDT) KTW02 KOAL		
	lcl 1833 KFMB- 8	San Diego	5555	15	15	2015 KWGN2	KRMA6	KLZ7
								KBTV9

Enjoyed DXing out West--noted many translators in Utah and Colorado, but had no TV in the car to receive them with!

San Diego has excellent TV selection--Los Angeles VHF's are essentially locals due to their Mt. Wilson transmitters. No VHF channels open for DX--even KEY-T 3 Santa Barbara is strong. Some skip bars were noted behind KNXT 2 but not nearly strong enough to override.

Good tropo opening 25th of June in Sioux City brought new WDAZ-8 and KXJB-4 ND. There was horizontal rolling behind KELO-11, maybe KTHI, but KELO was too strong.

Sioux City totals: TV 141, FM 249. I am moving to Council Bluffs, Iowa soon-- I will begin my logs over from that location. 73's.

Fred McCormack, Des Lacs, North Dakota 58733

(June) (CDT)

20 MS	0755 WKY - 4 Oklahoma City	R 900 (27) (Es)	1500 XHBC- 3 Mexicali BCN	3333R1295
Es	1158 KTEW - 2 Tulsa OK	3035R 875	1528 KORK- 3 Las Vegas NV	4444R1075
25 Tr	1755 KVFD-21 Fort Dodge IA	3345R 530	1558 KVOA- 4 Tucson AZ	1334R1200
	1959 WXOW-19 La Crosse(MN)	3335N 580	1559 KMID- 2 Midland TX	3333R1115
	2158 WKOW-27 Madison WI	3335R 685	1600 KOAI 2 Flagstaff AZ	0322R1030
26 Tr	2158 KPLO- 6 Reliance SD	3334R 320	1628 KFDX- 3 Wichita Falls TX	0432R1000
27 Tr	0148 CDWGTI-10 Fisher Branch Mar	3045R 270	1728 KCRL- 4 Reno NV	2334R1085
Es	1300 WLBT 3 Jackson MS	2333R1245	1730 KACB- 3 San Angelo TX	2333R1155
	1353 KPRC- 2 Houston TX	3333R1310	1740 KTVN 2 Reno	4443R1085
	1357 KDFW 3 Dallas TX	4033R1090	1830 KOTI 2 Klamath Falls CR	3333R1065
	1458 KTVK 3 Phoenix AZ	3333R1150		

DX'ing in June was confined to weekends from Des Lacs, and conditions were generally quite poor. Only one new station was logged during a good tropo opening on the 25th. As of June 28, I am living in Bismarck, and I expect to confine my DX'ing for the present to weekends at Des Lacs which is about two hours drive from Bismarck. 73 and good DX.

Glen R. Neal, 1005 N. 5th, Sayre, Oklahoma 73662

(8-30 June) (CDT)

Not much monitoring done this month, but enough to tell that the E-skip hasn't done too well here. The tropo was only fair this month.

June 8 Es t/in 1235-1250 to SE, WESH-2 & WSAV-3.

June 9 Tr 1141-1300 KSWB-8 KBIM-10 Roswell NM (4543,4503R280), KFDW-12 Clovis NM good, + "regular" xltrs: K77AQ K80AU K82AZ Memphis, K71BG K73AU K75AV Wellington, K76AU K78CM K80AT Wheeler, K79## K81## Reydon all good-exc.

Es t/in 1452-1455 OF ch 3 w/ CBs & MB (multi-burst) to east; unid Tr 1900+ same xltrs as AM + K70CF K72CB K74BF Higgins (80 mi).

June 10 Tr 0900-1400 Due to thunderstorms in area & to west, ducts (short-range) were forming here and there to provide glimpses at various translators. All 14 reg. xltrs in & out plus Matador (100 mi) good, K78AZ K80BD K83AQ. Wheeler snow-free, and lots of unid CCI on chs 71, 73, 76, 78, 81.

June 11 Storm dismantled dish, but no damage. Extremely strong wind tonight. Lately there have been tornados, double-funnels and the like almost every day around here. A night in May I was on the air all night at KFDO-8, due to severe weather. The dish has made it so far, though.

June 16 Tr in PM, 17 xltrs good.

June 20 Tr in AM good. Several xltrs good.

times.

June 23 Es t/in 1855-1940 WSJK-2 WUND-2 WUNC-4 WFBC-4, and unid 5 & 6 good at/

June 24 Es t/in 1317-2000 left. KBOI-2, also translator CCI against KBOI, KUTV 2 KCPX-4 KSL-5 Utah. At 1334 noted a ch-3 xltr all alone--it must be for KBOI since neither had a VIT (vertical-interval test signal); I guess KBOI blanks out the net. VIT--even if I could prove it was a KBOI xltr, they have two on ch 3 so how would I know which one? 1710, Es Mexico, apparently XEW-2 has bought a lot of new equipment. I was impressed with their programming. They were using special effects (wipes) that I have never seen in the US. Their ID is now all-electronic, an animated one, printing a "W2" together, then the words "Cadena WTV Proyeccion Nacional" underneath, while using electronic tones (instead of the old chimes). Programming ran smoothly and was very neat and interesting. Their horz. line freq. was also exactly in step with US stations (i.e., no "leaning lines"). Their VI sync was good also, except the width of the sync was a little shorter than US stations. No VIT of any kind noted. Unid ch 3, w/ a spiral of "3s" leading to a big 3 in center & circle w/ "TM" on it. Any ideas? Also, KTVU 2 KRON-4 KPIX 5 KCRA-3 KNXT 2 KNBC 4 KTLA 5 CA w/ MB VIT.

June 25 Es 1145-1200 left, exc. chs 2-6. Wild CCI.

June 28 Es all day really, but btw 2220-2330, KTVI 2 KMOX-4 KSD-5 St. Louis MO (all new, 560 mi), KTVO 3 Kirksville MO (new), KMOS-6 Sedalia MO (new), exc. "Unusual time = unusually good opening."

June 30 Es t/in 1205-1330 left. Good session. WUND-2 WLW-D plus unid Canadians on chs 2 & 4. Up to ch 6 at times, unid. WJBK-2 w/ no VIT.

I have really been keeping very poor track of condx lately as I'm sure you can see. However, night school is out now, and I have just prepared July's log, and gone over old VUD's (of this time last year) plus re-read some of Bob Cooper's articles of MS DX, Tr ducting, etc. I should be able to do very well in July. I am expecting a better July for Es this year than last. The weather looks like it may be a little cooler this year also, and I am almost through with my list of distances. Once it is done, I will make several logs (cross-referenced) of UHF's within 1000 mi. and HB VHF within 800 mi. and all LB VHF, then a special log for xltrs. That should be enough for July. Comments and plans for other "DX Specials" are welcome. 73.

Glenn Hauser, South San Antonio, Texas (PSC Box 42309, Kelly AFB, TX 78241) (CST)

(8 June - 6 July) DX has been rather mediocre, altho there has been a lot of it, judging from the number of logsheets accumulated. Seldom any openings up to ch. 6, altho my locals on 4 & 5 rule out a lot of IDs. Still waiting for some of that trans-Gulf tropo. I now have a FINCO P 7 antenna, but don't have it installed yet...if it's got to be up 50', I must be sure of having a "permanent" residence, hi hi. To those who wonder, yes, my log is kept on CST the year round, as I do not recognize so-called daylight savings time (shifting would be a better word than savings). (Your editor and Pat Dyer also keep to standard time, as it keeps DX openings to a uniform standard throughout the year. Others apparently prefer whatever local time is in effect. dps)

8 Es	1005 WESH- 2	DaytonaBeach FL	1045 (13) (Tr)	0628 KPLC- 7	Lake Charles LA	N 325
	1012 WSB - 2	Atlanta GA	885	0643 KLNI-15	Lafayette LA	400
	1057 KYTV 3	SpringfieldMO 5444N	620	0735 KBMT 12	Beaumont TX	290
	1100 WTWO 2	Terre Haute IN	925	0859 KFDM- 6	Beaumont	N 285
	1106 KQTV 2	St Joseph MO	N 745	2239 KLRN 9	Austin TX	35
	1113 WMT - 2	CedarRapids IA	965	2249 KPLC- 7	Lake Charles LA	325
	1119 KGLO- 3	Mason City IA	1005	2306 KFDM- 6	Beaumont TX	285
	1122 KCKT 2	Great Bend KS 5544N	625	2357 WWL - 4	New Orleans LA	N 515
	1129 KNOP 2	North Platte NE	825 14 Tr	0002 KFDM- 6	Beaumont TX	285
	1131 KMTV 3	Omaha NE	N 835	0415 KLFY-20	Lafayette LA	380
	1140 KHPL 6	Hayes Center NE	N 790 15 Es	1020 WBAY- 2	Green Bay WI	1190
	1145 KPLO- 6	Reliance SD	N1010	1100 WMT - 2	Cedar Rapids IA	965
	1154 KOTA- 3	Rapid City SD	N1045	1159 KDIX- 2	Dickinson ND	N1220
	1155 KWGN 2	Denver CO	805 MS	1459 KWGN 2	Denver CO ?	T
	1201 KTVS 3	Sterling CO	N 810 16 Tr	0510 WAFB- 9	Baton Rouge LA	450
	1329 KID - 3	Idaho Falls ID	1245	0510 KLFY-10	Lafayette LA	380
Tr	2236 WVUE 8	New Orleans LA	515	0525 KALB- 5	Alexandria LA	390
	2317 KBMT 12	Beaumont TX	N 290	0539 KRGV- 5	Weslaco TX	
11 Es	1559 KWGN 2	Denver CO 4444	805	0540 KTRE 9	Lufkin TX	N 270
	1628 KTWO- 2	Casper WY	1010	2306 WAFB- 9	Baton Rouge LA	450
	1708 KTCA 2	St Paul MN	1120	2342 KFDM- 6	Beaumont TX	285
	1758 KDAL- 3	Duluth MN	N1250	2355 XEFT- 2	Nuevo Laredo Tams	140
12 Es	1437 KGLO- 3	Mason City IA 5455	1005 17 Tr	0003 WWL - 4	New Orleans LA	515
	1458 KQTV 2	St Joseph MO	745	0045 KRIS- 6	CorpusChristi TX	130
	1703 KTCA 2	St Paul MN	1120 18 Es	1755 KOAI 2	Flagstaff AZ	845
	1715 KUSD- 2	Vermillion SD	N 960	1800 KTVK 3	Phoenix AZ	N 835
	1959 WBBM- 2	Chicago IL	1055	1801 XHBC 3	Mexicali BCN 4534N	1020
Tr	2105 KPRC- 2	Houston TX	180 19 Es	1945 unid 2	CBS	
	2130 WAFB- 9	Baton Rouge LA	450 20 Es	1329 WFMY- 2	Greensboro NC	1175
	2330 KXIX 19	Victoria TX	N 105 22 Es	1115 WTWO 2	Terre Haute IN	925
	2159 KLNI 15	New Iberia LA	400	1123 WLW-D 2	Dayton OH 5544	1075
	2353 KTBC- 7	Austin TX	80	1229 WISC- 3	Madison WI	N1070
13 Tr	0455 KNOE- 8	Monroe LA	430 23 Tr	0555 KHFI-42	Austin TX 4455	75
	0525 WLOX-13	Biloxi MS	N 570	0702 KXIX 19	Victoria TX	105
	0544 WDSU- 6	New Orleans LA	515	0705 KPLC- 7	Lake Charles LA	325
	0545 KALB- 5	Alexandria LA	390	0725 WAFB- 9	Baton Rouge LA	450
	0550 KTVE 10	El Dorado AR	N 450	0706 KTRE 9	Lufkin TX	270
	0553 KLTV 7	Tyler TX	285	Es 1959 WSJK 2	Sneedville TN	N1010
	0600 KZTV 10	CorpusChristi TX	145	Tr 2129 KPRC- 2	Houston TX	180
	0604 KATC 3	Lafayette LA	N 375	2338 XHX -10	Monterrey NL	280
	0609 KHTV 39	Houston TX	180 24 Tr	0021 KCEN- 6	Temple TX	155

(24) Tr 1745 KPBS-15 San Diego CA 3335R 245	(4) (Es) 2100 KOMO- 4 Seattle WA 3324R 874
Es 1800 KFBC- 5 Cheyenne WY 3332R 920	CBUT 2 Vancouver BC 3311R 991
KOCO- 5 Oklahoma City 0232N1280	KATU 2 Portland OR 3311R 756
WKY - 4 Oklahoma City 4232R1280	5 Es 1851 KTEW 2 Tulsa OK 4434R1356
1900 KMID- 2 Midland TX 3032E1080	2000 KFDX- 3 Wichita Falls 4433R1242
Tr 2020 KCST 39 San Diego CA 2333R 245	2025 KDFW- 4 Dallas TX 2322R1380
25 Es 1550 XHFA 2 Nogales (40min) 4143N 612	2030 WBAP- 5 Dallas 3334R1380
Tr 1700 KPBS-15 San Diego 3344R 245	2034 KWAB- 4 Big Spring TX 4433R1100
KFMB- 8 San Diego 2332R 245	2058 KMID- 2 Midland TX 3212R1080
KOGO-10 San Diego 3554R 245	2115 KDIX- 2 Dickinson ND 3012R1224
KCST 39 San Diego 1223R 245	2159 CKCK- 2 Regina Sask 2532R1296

DX has been pretty good lately on TV & FM, with some good tropo & Es. Total TV 101.

Dennis Smith, 450 Poplar Ave, Wasco, California 93280 (28 June - 11 July) (PST)

1954 Zenith 19L28 21" B&W TV, 1954 Walsco 2-bay VHF-UHF Stacked V at 46' AG.

10 Es (morning, thru 1130, ch 2-4 unids+) (10) (Es) (unids ch 2-6, also FM thru 108 MHz)

0930 KCKT 2 Great Bend KS 3222R1170 11 Es (in&out ch2 0940-1200, ch2-6 briefly 1100+)

KGNC- 4 Amarillo TX 2333R1010 1030 KOOK- 2 Billings MT 4544R 930

(evening, 1730-2200) (in&out 1530-1615 ch 2, no ids)

1800 KMID- 2 Midland TX 4455R1050 Of all these days, Es was observed

1925 KCKT 2 Great Bend KS 3332R1170 only on the last two days. Not a good

2030 KOAA- 5 Pueblo CO 2345R 860 season at all. Total remains 139 logged.

Occasionally, CATV radiation interfering with television reception over the air is noted in DX reports. Probably the best authority for this problem is Bob Cooper, with his experience in both DXing and CATV engineering. Here are his comments as originally published in this column in June 1968.

"I noticed comments in an earlier VUD concerning radiation problems from CATV systems getting into your TV-DXing antennas. The law is very clear on this--there shall not be more than 50 microvolts radiation at 15 feet distance from the lines to a tuned dipole. However, I admit this is enough to cause co-channel problems. As a free-lance consulting engineer in CATV who gets \$100.00 a day up for my time, it has been my experience that a well-designed and operated system should have NO detectable radiation at 15 feet from the lines. I own several systems myself, and know from first-hand experience that if a system radiates from its lines, it is usually due to bad fittings or badly-shielded amplifier boxes. In either case, any radiation present is usually a sign that the 50 microvolts at 15 feet is being exceeded. Your recourse is to draft a letter of complaint to the nearest FCC field office, with a copy to the attention of the chief engineer at the CATV system. The FCC is very concerned about off-the-air reception being marred by line radiation problems, and will act on your behalf in due course."

Those were Bob's comments about the situation. I wonder if there are other radiation sources that might be considered, too. Some of the very old CATV systems still in operation use open-line (unshielded) distribution and can radiate quite freely. Another case: the new system here in Wasco is about three years old. I was in Santa Barbara most of the time so could not observe regularly, however. I did notice shortly after it first went into operation that there seemed to be no detectable interference at all on my receiver. A few months later, I noted slight interference. Several months after that, radiation was up to the level where it has remained, to a level that does not give much problem to most Es, but can give some trouble to weak tropo or MS. It could be slight deterioration of the system, but it may possibly be due to some customers' unauthorized use of a length of 300-ohm lead-in wire (unshielded) from the TV receiver to a second set. It is much like attaching a second telephone without informing the phone company, though it is not often thought of that way. In any case, Bob's notes can be helpful in bringing about a solution to CATV radiation on VHF TV channels.

As it turned out, I didn't get away by the 10th of July after all, but was delayed a few days. So some reports that would have been missed are included. It must be nice to be organized....

Randy Miltier, 882 Pine Avenue, San Jose, California 95125 (1 June - 7 July) (PDT)
 5 Es 0855 KTVS 3 Sterling CO 2112 1060 24 1735 KFDX-3 Wichita Falls TX 2223 1350
 2200 CF--?-2 2320, "CF--News" 1025 1750 KMID-2 Midland TX 1223 1225
 (probably CFAC-TV Calgary. dps) 1824 KAUZ-6 Wichita Falls 3225 1350
 8 Es 2130 Unid 2 2202, Bishop Sheen 1025 28 1950 Unid 2 2036, Dick Cavett 2122
 DX has been blah around here. Total is presently 66.

Pat Dyer, Office of Telecommunications, Institute for Telecommunication Sciences,
 Boulder, Colorado 80302 (7 June - 10 July) (CST/MDT)

This is going to be a bit different type report than I normally send in.

June 7 (still in San Antonio), Es, before noon, WFMY-2 Greensboro NC (1175 mi).

June 27 (in bottom story of 3-story apt. bldg. with no TV set), Es, on FM set with
 2-ft whip antenna, 1410 MDT, Ch 6 audio (87.75 MHz), WFBM-6 Indianapolis IN (1015 mi).

July 10 (in hotel room on 4th floor using room set), Es, 0235, CKSA-2 Lloydminster,
 Alta., (950 mi). That has to be one of the latest Es openings on TV I've seen anywhere.

On the hotel room TV there has been a good deal of CCI on Ch 2 and 4 but never
 strong enough to wipe it out. Some trop CCI has been noted on Ch 4 and 7.

Local Ch 6 (educational) doesn't come on Saturdays at all and is on only in
 evenings the rest of the week. Hopefully by next time, I will be settled in a
 permanent-type location at one of the nearby field sites. 73, WA5IYX/Ø.

Dave Pomeroy, 8720 W. 80th Street, Overland Park, Kansas 66204 (6-7 July) (CDT)

6 Tr 2200 KXNE-19 Norfolk NE 2445R (6) Tr 2300 KMEG 14 Sioux City IA 1235R 225
 2200 KHNE-29 Hastings NE 5555R 7 Tr 2130 KHNE-29 Hastings 4445R
 2300 KELO-11 Sioux Falls SD 3433R 2200 K18AA 18 Salina KS 3435N 153

Others seen during last month on occasion: Note: KCIT-50 Kansas City MO is going off
 KARD-3 KYTV 3 WOW-6 KETV 7 KPTS-8 KOLN-10 the air as soon as FCC permission is
 KGIN-11 WJY-14 KUHI 16 KDNL 30. received.

Marv Garber, 2539 Kessler Blvd., Lincoln, Nebraska 68502 (8 May - 8 July) (CDT)

May 8 First Es of the season for me. WGBH-2 (3554N1325) @ 1630, WMAR-2 & KDKA-
 2 @ 1800. Skip out around 1820.

May 11 Weak in/out Es ch 2 only. WKTU 2 @ 2013 (4433N1180) only one ided.

May 18 More of ch 2 in/out Es. CFCL-2 @ 1745 (5434N); can't seem to find
 Kearns, Ontario to measure distance. Tent. WDIQ-2 @ 1810, skip f/out 1820.

May 19 Es, KDKA-2 @ 2200 only stn ided. Weak opening.

May 21 Es t/in 1735 to S/SE/NW. Mexican cartoons to SSW on 2, no id. KBOI-2 @
 1800, WFMY-2 1815, WUND-2 @ 1900, WBRZ-2 2100, KATC-3 2129, WWL-4 2154, KALB-5 2200
 (4435N705), WEAR-3 @ 2201 (5532R900) & KPRC-2 @ 2217. Skip remained on ch 3 until
 2255 w/out being on ch 2 at all. This opening probably reached FM between 2145-2200.

May 22 Es t/in 0930. WBRZ-2 0930, KATC-3 0931, KPRC-2 1000 (in till 1500),
 CFRN-3 1130 (4443N1220), CFAC-2 (ex-CHCT) @ 1130, CFGN-4 1158 s/on after color-bar TP,
 unid Mexican to SSW w/ Festival from 1200-1500 w/ no ids!! Gradually faded after 1500.

May 23 Es beginning @ t/in around 1620 to E, then to SE & S. KDKA-2 @ 1630,
 CBFT 2 1647, WTVY 4 1700, WRBL 3 1725 (5433N870), WDCN-2 1720 (5543N625), WRCB-3 1730
 (5343N730). Three new ones during this opening.

May 24 Es to west. KTVN 2 @ 2000. Moved to SE w/ CBS, NBC stns to SE,
 missed ids @ 2030 to skip f/out @ 2050.

May 25 One of my most consistent long-distance stns, KATU 2 OR, ided @ 1117 &
 1130. Was waiting for the new Ch 3 in Salem to break in but no such luck. Out @ 1145.

May 29 Fairly good tropo to SE. KOAM-7 KODE-12 KNOE-8 (3334N625) @ 0930. Open-
 ing broke up after 1000. Es in/out all afternoon, WGR-2 WMAR-2 ided.

Tropo again after 2000, WMT-2 KTUL-8 (3445N330). Nothing else worth reporting.

May 31 Best opening of season so far for me. Es t/in apx 1115 to SW. KTVK 3 @
 1130, Mex. on ch 2 & 5 to SW, no ids; KORK-3 @ 1200, tent. XETV 6 @ 1230 with many men-
 tions of National City and an ad for Webster's Pontiac, missed id. (Probably XETV, as
 National City CA is between San Diego & Tijuana. dps) Skip into FM from 1215 to at
 least 1300. KNXT 2 ided @ 1330, WFMY-2 @ 1430, WDCN-2 @ 1530.

June 5 Weak Es to SW. KNXT 2 @ 1400.

June 5-22: Missed some openings here due to moving, vacation, overtime work, etc.

June 23 Es to east & SW 1400-1600. WRC-4 WMAR-2 @ 1400, WTTG 5 @ 1430.

KOAI 2 & KTVK 3 in from 1500 to 1600.

(24) (Tr) 0044	XHBR	11	Nuevo Laredo Tams	N 140	(28) (Es)	1829	KBOI-	2	Boise ID	NI380
Es 1159	KOOK-	2	Billings MT	NI245	30	Es 0959	WWAY	3	Wilmington NC	1240
1159	KTWO-	2	Casper WY	1010		1005	WJBF	6	Augusta GA(SC)	NI020
1205	KOTA-	3	Rapid City SD	1045		1010	WSB -	2	Atlanta GA	885
MS 1218	X ?	3	burst of Spanish			1024	WFMY-	2	Greensboro NC	1175
Es 1228	KYUS	3	Miles City MT	NI240		1026	WBTW	3	Charlotte NC	NI100
1229	WWAY	3	Wilmington NC	NI240		1033	WLW-D	2	Dayton OH	1075
1629	KNXT	2	Los Angeles CA	NI190		1059	WAVE-	3	Louisville(IN)	5054N 950
1631	WPBT	2	Miami FL	NI145		1226	WUSN-	2	Charleston SC	1125
1645	XHFM	2	Veracruz Ver	5543 705	Jul	1959	KTCA-	2	St Paul MN	1120
1651	XEW -	2	Mexico DF	5554 690	2 Tr	0559	KTRE	9	Lufkin TX	270
1718	YSR -	2	San Salvador ES(2hrs)	1210	3 Tr	0608	KSLA-	12	Shreveport LA ?	T
1718	WESH-	2	Daytona Beach FL	1045					(Out of town rest of 3 and 4 July)	
1723	XHBC-	3	Mexicali BCN	1020	5 Tr	0500	KGBT-	4	Harlingen TX	225
1729	XETV	6	Tijuana BCN	NI110		0502	WAFB-	9	Baton Rouge LA	450
1800	WEDU	3	Tampa FL	985		0505	KLFY-	10	Lafayette LA	380
1912	KOAI	2	Flagstaff AZ	845		0506	WVUE	8	New Orleans LA	515
25 Es 1020	WRCB-	2	Chattanooga TN	N 865		0506	KALB-	5	Alexandria LA	390
1054	WSAZ-	3	Huntington WV	NI125		0507	KJAC-	4	Port Arthur TX	N 285
1059	KDKA-	2	Pittsburgh PA	NI295		0525	KRGV-	5	Weslaco TX	5555 225
1120	WLW-D	2	Dayton OH	1075		0533	KLNI-	15	New Iberia LA	4555 400
1229	KTVI	2	St Louis MO	N 785		0535	KHTV	39	Houston TX	5555 180
1625	KOAI	2	Flagstaff AZ	845		0545	KATC-	3	Lafayette LA	375
1630	KORK-	3	Las Vegas NV	NI060	Es	2038	KOAI	2	Flagstaff AZ	845
1726	XHBC-	3	Mexicali BCN	4555 1020		2038	KTVK	3	Phoenix AZ	835
1729	KNXT	2	Los Angeles CA	1190	Tr	2308	KBMT-	12	Beaumont TX	290
1731	KEY-T	3	Santa Barbara CA	NI280	6 Tr	0001	KTRK-	13	Houston TX	180
26 Es 1045	KNXT	2	Los Angeles	1190		0456	KNOE-	8	Monroe LA	430
27 Es 0958	KTVO	3	Lancaster MO	N 845		0510	KGBT-	4	Harlingen TX	225
1018	WBAY-	2	Green Bay WI	1190		0515	WAFB-	9	Baton Rouge LA	450
1026	KQTV	2	St Joseph MO(&1030)	745		0520	KALB-	5	Alexandria LA	390
1028	KGLO-	3	Mason City IA	1005		0525	KLFY-	10	Lafayette LA	380
1059	WBBM-	2	Chicago IL	1055		0530	KJAC-	4	Port Arthur TX	285
1129	KDLO-	3	Garden City SD	1075		0535	KPLC-	7	Lake Charles LA	325
1139	WMT -	2	Cedar Rapids IA	965		0538	KOSA-	7	Odessa TX	N 290
1156	KDAL-	3	Duluth MN	1250		0547	KBTX-	3	Bryan TX	160
1359	KOOK-	2	Billings MT	1245	Es	0659	WESH-	2	Daytona Beach FL	1045
1659	KID -	3	Idaho Falls ID	1245	Tr	0659	KTRE-	9	Lufkin TX	270
28 Es 1729	KNOP-	2	North Platte NE	825					Until the next, 73 de Glenn.	

Jim Pizzi, 300 Park, Orcutt, California 93454

(12 June - 5 July) (PDT)

Zenith 16Z7C19Z;	VHF PIX225	Jerrold, UHF 7'	dish Finco & ABLE-	2	Booster from B-T.					
12 Tr 2354	KXTV	10	Sacramento CA	1332R 270	30 Es? 0010	CKSA-	2	Lloydminster	3434R1400	
13 Tr 0003	KTUV	2	San Francisco	2443R 225	2 Tr	2200	KCST	39	San Diego CA	3344R 245
	KRON-	4	San Francisco	1333R 225			KPBS-	15	San Diego	3344R 245
	KGO -	7	San Francisco	1223R 225	4 Es	0830	KWGN	2	Denver CO	3432R 900
0930	KCRA-	3	Sacramento	2433R 270			KOA -	4	Denver	4434R 900
2345	KOVR	13	Stockton	2422R 270			KTVS	3	Sterling CO	4334R1008
23 Es 1400	KTWO-	2	Casper WY	4432R 936			KDIX-	2	Dickinson ND	3432R1224
	KWGN	2	Denver CO	4432R 900		0917	KNOP-	2	No. Platte NE	5444R1135
1419	KUTV	2	SaltLake City	4443R 612		1730	KDIX-	2	Dickinson ND	4432R1224
1430	KDUH	4	HaySprings NE	3433R1270			KTWO-	2	Casper WY	3432R 936
1500	KCPX-	4	SaltLake City	3543N 612		1800	KRTV	3	Great Falls MT	4433R1015
1538	KOOK-	2	Billings MT	3032R 972			KOTA-	3	Rapid City SD	2231R1098
24 Es 1500	CFCN-	4	Calgary Alta	3432R1152			CHAT-	4	Pivot Alta	4443R
	CFAC-	2	Calgary	5555R1152		1830	KDUH	4	HaySprings NE	3342R1270
1630	KGNC-	4	Amarillo TX	4544R1033		1900	KFBB	5	Great Falls MT	5444N1015
1655	KOB -	4	Albuquerque NM	2422N 822		2000	KMTD-	2	Midland TX	3432R1080
1700	KNME	5	Albuquerque	4432N 822		2025	KGNC-	4	Amarillo TX	3433R1033
	KTXT	5	Lubbock TX	4432R1050		2034	KXLY-	4	Spokane WA	3433R 900
1730	KCKT	2	Great Bend KS	0322R1207		2025	KREM-	2	Spokane	4442R 900

June 24 Es @ t/in 1330, KOAI 2, KNXT 2 @ 1400. Unid ch 3 to SW with 'Technical Difficulties' on video 1400-1430, missed id, KEYT?? KTVU 2 @ 1430 (4233N1380) & have I been waiting a long time for that one! KTVN 2 @ 1500 & KTVU 2 again @ 1530.

June 25 Es/Tr to E/SE w/ Des Moines, Cedar Rapids, etc. V's all 5555 though nothing exciting. Brief Es WUND-2 @ 1300.

July 5 Es to east 1200-1300, no ids. KBOI-2 KREM-2 KLEW-3 in/out 1400-1530. Es reached FM at various times throughout opening.

July 7 First decent trop opening to E/NE. 0040-0105, logged were: WGN-9 (2335 N475), KMSP-9 (3445N355), WCCO-4 (3445N355), KSTP-5 (2032N360).

July 8 Es @ 1200 t/in to east: WMAR-2 @ 1300 only stn ided. Reached ch 5 but signals weak and in/out in a hurry; f/out 1315.

New ant. system consists of a Swan LB and stacked Channel-Master HB yagis up 45 & 53' respectively. This season has been worse than last year's in both Es & tropo. Skip has been very spotty and openings only reach ch 4 or 5 on almost all occasions. Anyone have an AJ-15 or an AR-15 for sale? 73.

Bob Cooper, Jr., 2609 Chaucer Drive, Oklahoma City, Oklahoma 73120 (9Jun-5Jul) (CDT)

Greetings from the land of 14-hour work days, which leave little time (or inclination) to DX. Either my 14-hr days (7 days per week) have "clashed" with what DX there has been, or this has been one of the poorest Es seasons on record, or perhaps both. At any rate, I've managed better reports for Januarys in the past.

June 9 Tr 0645-0830, 27 UHF translators from west, NW, north logged. None new.

June 10 Es 1530-1600 NE ch 2, no id. 1740 tune-in to apx 1805, NE, ch 2-3, no ids.

June 11 Es 1722 t/in, XEW-2 XEZ-3. 1900 t/in, WWAY 3 WEDU 3 WPBT 2. 1956-2003 YVKS-3 Barquisimete or Barcelona, Venezuela on double- or triple-hop Es; nice copy at 1957 with "Vino Hildago" ad and Caracas distributor supered.

June 13 Es 1710 t/in, XEW-2, followed by WMAR-2 WPSX-3 & others to 1750 fade-out.

June 17 Tropo up slightly north, NE & east, 2130-2230. Nothing over 350 miles.

June 19 High-pressure ridge NE out of here (fall-type duct weather). 0845 t/in noted new on air WDKR-29 Paducah KY (508mi) WKSO-29 Somerset KY (715) WKGB-53 Bowling Green KY (618), also noted new on air KFPW-40 Ft Smith AR (180). Signals faded by 0905. UHF total 122 stations at this point with 4 new in one brief session!

Es to NE, 1940, again 2032, etc., ch 2-3, no ids.

June 20 Tr 0655-0800, up slightly N. E. KARK-4 & others noted in 350-mi range. Es 2028 t/in, WPBT 2.

June 23 Es 2200 t/in, KTVU 2 CKCK-2 KTVN 2 and others until 2330.

June 24 Es 1815 t/in, XEW-2 WUSN-2 until 1900.

Tr approx 2300, up north, NE, KCSD-19 (297mi) only non-regular noted.

June 25 Tr 0816 t/in, KDNL-30 (458mi) WICS 20 (523) on weak ducting.

Es 1800 t/in, Spanish-speaking (not Mexico), on & off until 1850 or so.

June 27 Es 1728 t/in, KTVN 2 KOOK-2 KBOI-2 & others until 1915 or so. 2050-2115 start of Es to NE, 2120 WKZO-3, 2132 WPSX-3, 2140 CKVR-3, 2142 WJBK-2, 2200 WMAR-2, 2204 WSYR-3, 2225 KYW-3. Fade-out 2300.

June 28 Es apx 1800 wk NW ch 2-3; 2040 t/in KUTV 2, 2047 KBOI-2, 2109 KID-3, 2117 KHQ-6, 2200 KREM-2, 2330 apx fade-out.

June 30 Es 0820 t/in, east, 0830 WUND-2 on w/ TP, WFMY-2, left 0835 w/band open. 2047 t/in, WESH-2, 2053 WPBT 2, 2053 WEDU 3, 2111 KRTV 3 KOOK-2, 2139 KHQ-6, Es to

July 1 Gone all day, no observations. apx 2200.

July 3 Es 1605 t/in, NW ch 2 to 1620 t/out. No id.

July 4 Because I could be home all day for first time in 2 months, there was very little to show for it. Es 1020 WUSN-2, 1057 XEZ-3 (with no sign of XEW--very rare), 1310 WFMY-2, 1336 WUND-2 sign-on w/ TP, Es out by 1400 or so. Es 1850 t/in WUSN-2, 1904 SS Timex special peaking on Venezuela again, ch 3, gone by 1911. More Es 1945 w/ KDIX-2 KTVU 2 KOOK-2 KRTV 3 & others in & out until 2300 or so. Probably much better opening than loggings indicate--busy setting off sky-rockets most of evening.

July 5 Es 0930 t/in, CBWFT 3 on TP plus others on 2 & 6 but no time to DX. Es 1545 NE ch 2 NBC no id; 2020 weak to west, KEY-T 3 KNXT 2 XHBC-3 & others until apx 2200. Tropo 2230 excellent to west, NW out to 400 miles plus.

FCC FM

Construction Permits Granted

Long Beach CA *90.1 10w. Cal State Students.
 Colorado Springs CO*90.5 -760' 610 w. Schools.
 Savannah GA 102.1 (power, height unknown)
 Oregon IL *91.1 500' 50,000. No. Ill. U. (MIU satellite?)
 Savanna IL 100.1 (power, height unknown)
 Elkhart IN *88.1 280' 10,000 h & v
 Charles City IA 104.9 100' 3000 h & v
 Catlettsburg KY 92.7 300' 3000
 Oakdale LA 104.9 230' 1500 h & v
 Springfield MA *90.9 10 w. Schools.
 Ann Arbor MI *89.5 10w. U. of Mich. (also has WUCM and WGR, the latter in Grand Rapids)
 Sault Ste. Marie MI 92.7 285' 3000
 Maryville MO 95.3 235' 3000 h & v
 Fremont NE 105.5 51' 3000 h & v
 Wayne NE *91.9 86' 320 w. Wayne College.
 Pleasantville NJ 99.3 290' 3000 h & v
 Concord NH 102.3 285' 3000 h & v
 Garden City NY *90.3 155' 390 h & v
 Garden City NY *90.3 155' 390 h & v
 Sheretime stations owned by Adelphi U. and Nassau College Assn., updating previous info.
 Goldsboro NC 102.3 215' 3000 h & v
 Starview PA 92.7 560' 720 h & v
 Georgetown SC 97.7 175' 1850 h & v
 Huron SD 92.1 180' 3000 h & v
 Winner SD 93.7 550' 100,000 h & v
 Sheboygan WI *91.7 10 w. Schools.

On the Air

WPCS Pensacola FL *89.3 520' 100,000 h & v
 WGMW Riviera Beach FL 94.3 300' 3000 h & v
 WOKA-FM Douglas GA 106.7 175' 34200 h & v
 WHSD Hinsdale IL *88.5 10 w
 WMIK-FM Middlesboro KY 92.7 -190' 3000 w
 KSWT Topeka KS 107.7 460' 52131w(from KEWI-FM)
 WJTO-FM Bath ME 95.3 175' 3000 h & v
 WKOV-FM Wellston OH 96.7 100' 3000 (Calls, too)
 WTGP Greenville PA *88.1 10 w
 KCFS Sioux Falls SD*90.1 10 w

-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-o-

The FM STATION ATLAS sold out its first printing, presenting the opportunity to re-publish and incorporate over 80 changes and additions to the 32 detailed maps it contains. The new maps are ready to mail out (updated to July, 1971). Price remains at \$2.00, except for those who ordered an ATLAS before. Old customers who want this revised second printing of the ATLAS can have a copy for \$1.00. Add 25¢ for first class mailing. This is a limited time offer at the \$1 rate for previous customers. Write Bruce Elving, 3000 N. Oakland Ave., Milwaukee WI 53211. 73.

Published by the WFDA, Ferdie Dombrowski, Jr., editor-in-chief.
 Edited by Bruce F. Elving. Send all station news to Ye Ed at 3000 North Oakland Avenue, Milwaukee WI 53211.

Powers given are effective radiated in watts. Antenna heights are above (below) average terrain in feet. Normally horizontal effective radiated powers are given; however, if a station also transmits a vertical or circularly-polarized signal, its vertical effective radiated power is also given. Horizontal is abbreviated (H); vertical (V). Educational or public radio stations are indicated with a *.

Changes in Facilities

/ h &
 KLOS (x-KABC-FM) Los Angeles 95.5 2915' 68kw v/
 KAPX San Clemente CA 107.9 to 486' 48,500h&v
 WHFL (x-WXKL) Winter Haven FL 277' 11,800 w
 WOI-FM Ames IA *90.1 to 1490' 100,000 w
 KTCF Cedar Falls IA *88.1 to 210' 5500 w.
 KFH-FM Wichita KS 97.9 to 370' 85,000 w
 WAMH (x-WAMF) Amherst MA from*89.5 to*89.3, 150 w, 720'.
 WGGL *91.1 Houghton MI to 480' 100,000 h & v
 WSGR Port Huron MI from *88.3 to *91.3. 10 w.
 KCGM Scobey MT 95.7 to 660' 52,000 h & v
 KVNO Omaha NE *90.7 680' 2900w. New calls, too.
 WJGM Atlantic City NJ 103.7 145' 20,000 h & v
 WRVR New York 106.7 1220' 5400 h, 3850 v -- changes from educational to commercial.
 WONE-FM Dayton OH 104.7 370' to 50,000 h & v
 WBYO 107.5 Boyertown PA to 330' 20,000 h & v
 WLKW-FM Providence RI 101.5 500' 50,000 h & v
 WHNR McMinnville TN 103.9 to 130' 3000h&v
 KLYX Clear Lake City TX 102.1 790' 97,000h&v
 KPFT *90.1 Houston TX 440' 49,000w. "Secret" transmitter location: 2901 Frick Road!
 Eagle River WI 94.3 202' 3000 h & v
 WEZW Wauwatosa WI 103.7 820' 14,500 h & v -- transmitter moved to Shorewood WI.

Call Letters Assigned

KPSA Los Angeles CA 107.5 (from KBBA). KXOA Sacramento CA 107.9 (from KXOA-FM). KPSE San Diego CA 102.9 (from KBBW). KSJO San Jose CA 92.3 (from KSJO-FM). KRUZ Santa Barbara CA 103.3 (from KMUZ). WKSS Meriden CT 95.7 (WBMI). WDLF DeLand FL 105.9 (WOOO-FM). WBOP-FM Pensacola FL 101.5 (WONF). WVVS *89.9 and WAFT 101.1, both Valdosta GA. KLCL-FM Lake Charles LA 99.5 (KPLC-FM). WFSB *91.3 & WVEF (from WKOX-FM) 105.7, both Framingham MA. WSDP Plymouth MI*89.3. KRGGK Carthage MO 104.9. WZLD Manchester NH 95.7 (from WKBR-FM). WEZO Rochester NY 101.3 (WNYR-FM). KLOO-FM Corvallis OR 106.1. WKDU Philadelphia PA *91.7. Drexel Institute; shares time with WPWT. KDTX Dallas TX 102.9 (from KEIR or KCCD). WXBB Warrenton VA 94.3. WFWO Milwaukee WI 102.9 (from WRIT-FM). Stereo added.

Stations Deleted - Off the Air

WSHS Floral Park NY *90.3
 WDRK Greenville OH 106.5
 WARD-FM Johnstown PA 92.1

FM DX

Editor:

Roger W. Winsor
718 N. Fremont Road
Valparaiso, Indiana
46383

Deadline 10th of month

John Ebeling 9209 Vincent Avenue So. Bloomington, MN 55431

Skip has been very absent here in Minnesota this year. Had a weak opening 5/23, another short skip opening on 6/13, 6/27 and 7/5. Nothing which has provided solid signals for any length of time. Stations received via skip during the period include the following (now underlined): 5/23 KVCL 92.1 Winnfield, LA @1630 CST; 6/13 KITY 92.9 San Antonio, TX 1800, KNBT 92.1 New Braunfels, TX 1800. 6/27 KRST 92.3 Albuquerque @1330; KOB 93.3 same at 1350 and KVWM 93.5 Show Low, AZ @1400. Skip received but not counted as I was 150 miles from my regular place on 7/5 WMTM 93.9 Moultrie, GA @1800, WFDR 93.3 Manchester, GA 1800, WBIR 92.1 Batesburg, SC 1805, WOFM 94.9 Greenville, TN 1815, WCSC 96.9 Charleston, SC @1815 and WESC 92.5 Greenville, SC @1830. All rec'd w/rabbit ears and my old Sherwood S 2200 tuner 30 miles NW of Duluth, MN. Tropo has been good at times and especially the evening of 6/26. Other tropo, all new loggings as follows: 5/31 WDTH 103.3 Duluth, MN 1245, 6/2 WLSU 88.9 LaCrosse, WI 1930, 6/10 WMDR 96.9 in Moline, IL @2330, 6/18 KXCV 90.5 Maryville, MO 2230, 6/23 KTOF 104.5 Cedar Rapids, IA 0530; KWVY 99.3 Waverly, IA 0557, 6/25 KIOS 91.5 Omaha, NE 1117, 6/26 KNEI 103.9 Waukon, IA 2100 and 7/6 KDLR 104.9 Perry, IA @2230. That's it, a grand total of 12 stations since May 23, not a very productive summer so far. For the record, I am using a AJ 15 tuner, 10 element Channel Master FM & 75 ohm line. Antenna is 25' AG. Better get this in the mail. Before I do, however, let me list some things I have not done, since those reports are always things I have done. I have not in the past 22 years: 1) Received FM Es from California or Cuba, 2) Received a 10 watt educ. stn, 3) Received KDPS 88.1 Des Moines, IA (anyone know their sked?), 4) DXed from an airplane, 5) Received any station on 88.5 MHz, 6) 89.5 MHz, 7) 102.3 MHz. That's it until next time. Hope others had better luck than me.

Dick Clark 4110 Bayview Drive Ft. Lauderdale, Fla. 33308

Hi gang. This past month I have been working on my DX equipment in my den. I now have the frequency scaler with my frequency counter, so I can tell what frequency I am on the FM band. It also works for low and high band police. Now I don't have to guess when am on Es. Also now have a Altazimuth FM antenna just like BDB loop. I found out that horiz or vert is not always the best for null out locals. You have to aim the FM antenna in all kinds of angles to do it. I have a local WOCN at 94.9 with 80kw and now cal null them out and get WLCY Tampa 250 miles away. Some Es on 6/7 w/WYSU 88.5, WBBW 93.3, WRFD 101.1 Youngstown, OH, KDKA 92.9 Pgh, WLOA 96.9 Braddock, PA, WJPA 95.3 Washington, PA and the rest are tropo. WGVL 105.5 Gainesville, FL, WPEX 94.1 Pensacole, WPRK 91.5 Winter Park, WQXM 97.9 Clearwater now NSP. Changes are WRBD 102.7 is now WCKO, WSRF 103.5 now WSHE, WJHR 96.3 now WMIQ. I would be very interested if anyone else pick up any station from Cuba beside CMBD 90.5. I hope I can make Toledo and East Lansing for both conventions. Oh yes, 6/20 WGMW 94.3 in Riviera Beach is on the air testing, and will be 24 hours a day.

Bob Seybold

Bennett Road

Dunkirk, NY

Here is one of my few FM DX reports. 6/10 Es WUSF 89.7, WRBN 101.7, WPGA 100.9, WRTM 102.3, WPEX 94.1 and many Florida, GA, AL and Carolina stations. 6/23 heavy Es to Texas, OK, FL, etc, w/such as: WQXM 97.9, WINK 96.9, WSB 98.5, KPIA 97.3, KWGO 99.5, KSKU 102.1 and others. 6/26 tropo at least 50 stations out of Michigan, WI and MN area w/KAUS 99.9 Austin, MN about the farthest. Opening in AM of 26th heavily concentrated in that direction.

Andy Bolin 709 Lincoln, Avenue Charleston, Illinois DST

Hi, from someone fairly new to the dials. It was about a year ago when WOXR had a collect call weekend. With me being 200 miles from OXR and Bill Bens working there, he got me hooked on FM DX fast. Antenna here is a JFD LPL FM10A at 25' and a vertical 7 element at 35'. RX was a Claricon 36 350g but am now using a AJ 15. I also got a Pineo 65 7 booster. Minor 0100 to 0800 tropo on 6/10/11 brought WLKY 107.1 OH, WOGM 98.3 OH, WWMS 100.7 OH, WMT 96.5 IA, WWSW 99.3 WI, WHRM 98.9 WI, WILS 101.7 MI, WSTM 103.1 KY, 5/21 Es KITV 92.9 TX, KOB 93.3 NM, KEEZ 97.3 TX, KJAE 107.5 CO (vls). 5/23 Es noted from 1715 to 1745 reaching into the 97.3 and 5 range. The only ID I got was from KGNC 93.1 Amarillo, TX. 6/23 Es noted for about 20 mins at 1415, only reaching to 88.7 from the est, but no IDS. Late 7/3 brought fair tropo that started in the Detroit area, but later moved to as far north as Toronto, Detroit completely faded out. 2230 WCHD, WGPR, WDRQ, WJR, WLDN, WWWT all Detroit. Both WKH M and WBBC in Jackson, MI also hrd along w/WCNW 94.9 OH, WLSR 104.9 OH, WRBR 103.9 IN, CPCA 105.3 Ont (450), CHFI Toronto (510), CFPL and others that I have already logged. So far all but eight commercial stations from IN have been heard from here, and I have 5 more to go from IL. One year total is 440, but half the reason is that I had a time zone change 40 miles from here. 73 and welcome to the club Don Erickson (publisher for the IRCA).

Fred Nordquist 302 Sandra Lane N. Syracuse, NY 13212

20 new stations logged since last report. Totals now up to 235 logged, 23 states and DC. No Es hrd on FM tho. Some tropo noted. 6/9 WMNB 100.1 MA w/BB 2125. 6/10 WEST 96.1 PA BB 2036, WVNJ 100.3 NJ MoR mx 2030. 6/11 WOR 98.7 N Y NX 2040, WCRX 102.1 MA "W 102" 2049, WJLK 94.3 N J NX 2355, WLAC 94.5 PA sacred concert 2358. 6/16 WGMR 101.1 PA ID @1730, WGR 97.7 PA MoR mx 2000. 6/19 WBAB 102.3 NY ID and local ads 2124. 6/26 WJTN 93.3 NY donut ad 0208, WFMM 93.1 MD (state #23) "The ForeMost Music station". 0358, sudden tropo opening to Detroit area at 0400, WDRQ 93.1 MI w/SID 0430, WHFI 94.7 RR 0433, WBFG 98.7 relig. mx 0442, WABX 99.5 RR 0515, WRIE 101.1 RR 0450, WMUZ 103.5 teletalk 0450. 6/28 WONO and WSYR both noted off this PM after 1800. WCBS 101.1 NY "CBS FM", rr 1830. 6/30 WLNA 100.7 NY #81 local ads 2046. That's all 73.

Roger W. Winsor 718 N. Fremont Road Valparaiso, Indiana 46383

A few new ones for once, only thanks to intense tropo opening, tho. 6/21 WMZK 97.9 MI 0030 ID into mx, thru WGRD \$. 6/26 WKAU 104.9 WI @1515 ID, jingle and RR mx // AM. 7/4 KTOF 104.5 IA @2230 ID into canned religious pgm and WALM 104.9 Alms, MI @2300 ID into mx. Totals now 349 and creeping.

Bob Hawkins 1515 Marlowe Avenue Cincinnati, Ohio 45224

Haven't got my bulletin yet, but time to report anyway. Loggings have been down this month, with only 25 new ones, but a few are real good ones. 6/9 WHOP 98.7 KY @2206 EST, WSEI 92.9 IL @2253, WBCM 96.1 MI @2329, WKKD 95.9 IL @2332. 6/12 WLEN 103.9 MI @1030, WAAW 103.7 KY @1045. 6/14 WVSH 91.9 IN @1019. 6/15 and 16 caught WQMS off the air, so 6/15 WCUE 96.5 OH @0707. 6/16 WDOD 96.5 TN @2235. 6/17 WVWC 88.9 WV @0946, WTAE 96.1 PA @2245, WPAG 107.1 MI @2332. 6/25 WFEM 92.1 PA @0716. 6/26 WRWR 94.5 OH @0917, WFMG 104.5 TN @0944. 6/27 WITL 100.7 MI @2307. 6/28 WIMS 100.7 OH @0002. 6/28 WILY 95.3 IL @0750, WNOI 103.9 IL (3kw) @0808, WSIE 88.7 IL @0828. 7/5 WSDM 97.9 IL @2231. 7/6 was a goody, WHLA 90.3 WI @0800, WNIU 89.5 @0833 and last but not least WCAL 89.3 MN @0835 at 572 miles. Equipment still LT 425 and AJ 14, LPL FM 10A. Total ls at 421 and onward no to the uphill swing.

Fred McCormack

Des Lacs, ND 58733 CDT

FM DX logged here during June was confined to a tropo opening on the 25 and 26th and an Es opening on the 27th. Tropo loggings (new underlined) on the 25th as follows: @1740 KICD 107.7 Spencer, IA, 1838 KYSM 103.5 MN, 1913 KVVIL 107.9, 1914 KLSS 106.1 Mason City, IA, 2109 KRFO 104.9 Owatonna, MN (490) w/a report on local dairy princess pageant, 2119 KAUS 99.9 Austin, MN (525) w/KAUS FM 100" ID, 2137 WDBQ 105.3 Dubuque, IA (655) w/rock mx, 2219 KROC 106.9 Rochester, MN, 2258 KNWS 101.9 Waterloo, IA (595) w/religious programming, 2328 KFMD 92.9 Dubuque, IA and 2352 KXEL 105.7 Waterloo, IA. The opening on 6/26 was shorter, ranging and confined to MN w/stations being hrd from as far as Rochester and Twin Cities, but no new stations were hrd. 6/27 the following were heard via Es: 1419 KEXL 104.5 San Antonio, TX, 1426 KEBC 94.7 OK City, 1437 KTFM 102.7 San Antonio, 1440 KASE 100.7 Austin, 1443 KITY 92.9 SA, 1447 KNAF 101.1 Fredericksburg, TX and @1537 KVEG 92.3 Las Vegas. 73.

Mike Dorner, Jr. 1409 Hymelia Avenue Metairie, LA 70003

The month of May has been wretched for trop DXing. Finally, in the last third, things began to happen. 5/20 brought in WTVY 95.5 Dothan, AL @0545 w/cw mx and then WABF 92.1 Fairhope, AL w/agricultural pgm @0608. 5/23 brought WALT 97.1 Meridian, MS ex WOKK w/RR mx @1015 w/unusually strong signal. Local WJMR 97.1 not on air until 11AM Sunday and 3PM weekdays. 5/24 WHBQ 105.9 Memphis @0717 w/a steady signal that deflected my S meter halfway using an indoor folded dipole! 5/31 brought in WQMV 98.7 Vicksburg @0652 w/MoR mx. 6/1 was fantastic, the first good day this season. WUSR 89.7 Tampa @2130 w/acid rock; KPFT 90.1 Houston same @2020, KYND 92.5 Pasadena, TX @2050 w/automated bkgnd mx. Station never gives QTH...not that I've hrd anyway. 2303 brought XHGL Merida, Yucatan in for 45 minutes with automated MoR American mx and Mexican mx w/rock steady signal until 2345 s/off (freq? RWW) New KPUP 97.7 Kingsville, TX from 2345 to 0000 s/off w/Top 40; KFMK 97.9 Houston @0000 cw mx; KELT 94.5 Harlingen, TX w/auto MoR; regulars KAUM 96.5, KODA 99.1, KQUE 102.9 all Houston in; KROB 99.9 Robstown w/cw mx AN; KBER 100.3 AN cw, new stn. KRMH 103.7 San Marcos AN rocker; WGLF 104.1 Tallahassee MoR mx; KZFM 95.5 Corpus Christi 0225 ID "The Texas soul giant" AN black stn; rare KHCB 105.7 Houston 0600 w/religious mx and pgms; KEEZ 97.3 SA, KEXL 104.5, KTFM 102.7 in, new WOSM 103.1 Ocean Springs, MS @0615; WKRG 99.9 and WFAA 97.9 in; WIRB 96.9 Enterprise, AL vy strong w/rock mx 0700 to 0800. KTVY 92.7 Crockett, TX in weakly 0742 and new KLIS 94.3 Palestine, TX copied just barely. KSIX 93.9 Corpus Christi @0930 (cont'd)

Donner (Cont'd) rare for that time of day. June has been poor so far: KFIA 94.5 Scott City, KS on Es. 6/3 KJET 107.7 Beaumont soul stn; 6/8 KHER 105.7 Longview, TX weakly w/mx; 6/15 KLEF 94.5 Houston w/classical mx Q005; KLYX 102.1 Clear Lake City, TX 0038 w/auto MoR. WATM 104.1 Atmore, AL 0523 w/cw mx and KREB 106.1 Monroe, LA w/cw. My rig is Heathkit AR 13A, 5' folded dipole draped indoors, sometimes over driveway. No outside aerial. Hope the report isn't too long. I've tried to give programming details for members who might like to try the Miss/IA/TX gulf coast. 73. (A big welcome to you Mike. A good report for the first time and let's hear from you often)

RWW

Russ Brown 3274 So..Lake Shore Drive St. Joseph, MI 49085

This report is not very exciting I'm afraid as I just haven't had much time to DX in the past few weeks, having been in Grand Rapids weekdays leaving only weekends open for DX. Have added the CADCO IPA for FM here and it really works beautifully. It eliminates most of the CM I used to have when the antenna was pointed at local WHFB 99.9 and in the worst case at frequencies close to the local, ie 99.5, 99.3, etc...I'm still able to tune the CM out and get the frogs., not w/full gain of course. The gain is really great, a number of stations not usually heard are brought to decent level out of what seemed just noise, such is the case with WLSU 89.9 LaCrosse 690 watts, now hrd frequently, also KANU 91.5 is lifted out of what seemed just noise in WHMD's null. KANU heard most AM 's now when I've checked, at least until KSLH 0900 s/on. (Oh yeah! RWW) Now for my meagre loggings: 6/9 tropo SE including WSIP 98.9 Paintsville, KY w/rock 2045. 6/10 0700 to 0900 tropo S to WPMW 93.9 Madisonville, KY, also St. Louis in well. 6/16 WCYC 88.7 Chicago ID @2315 for 1st time hrd. 6/19 tropo good in AM to MN/IA w/KNUJ 93.1 Now Ulm, MN (430) w/local nx @0610, also noted were KNXR 97.5 Rochester, WOI 90.1 Ames, IA, KANU 91.5 almost local quality @0845; later that day WRSE 88.7 Elmhurst, IL w/station promo @1852, tropo good NE to 300 mi between 2200 and 0000, w/WCBY\$ 105.1 Cheboygan, MI to name one. 6/22 0900 to 1000 tropo S including WPKY 104.9 Princeton, KY (350) w/the "Good Day Show". 6/23 1240 brief Es to the Maritime provinces w/CHNS 96.1 Halifax, NS the only thing IDed. Later that day into the 24th tropo W to NW w/KMAQ 95.3 Marquette, IA w/nx @0037, WGBM 102.3 Viroqua, WI w/Brewers BB @0025, other stns noted on late w/BB were KFMH 99.7 Muscatine, IA and WGSY 100.9 Peru, IL. WGSY is on 100.9 and WGLC 100.9 Mendota, IL has obviously ceased to exist although VJ/Whites are very unclear about this fact. 6/26 tropo xlnr to MN, I woke up late unfortunately but KSJN 91.1 and WCAL 89.3 still local like @0830, later that day still good to NW w/KSJR 90.1, WLOL 99.5 Mpls, KNXR 97.5 between 2300 and 0030, also @0030 WWFM 99.9 Erie, PA in well. 7/8 Es noted on the car rx in Grand Rapids @1530 w/WWFM 94.1 Lakeland, FL IDed. Finally on 7/9 tropo wes t to Des Moines w/2 new loggings, KXEL 105.7 Waterloo, IA @1700 and KWNT 106.5 Davenport, IA, the latter cw and called themselves something phonetically resembling "quint". 73.

Bob Soybold

Bennett Road

Dunkirk, NY

Present log totals 450, RX Sansui 2000, Winegard 8 element FM antenna, Alliance U100 rotor. 7/5 Es from 1030 to 1400 w/the following logged: KMOV 89.1 Wichita, KS; KJRG 92.3 Newton, KS, KASU 91.9 Jonesboro, AR; KOTN 92.3 Pine Bluff, AR; KUHF 88.7 Houston; KWGS 89.5 Tulsa; KSYM 90.3 San Antonio; KUT 90.7 Austin; KRID 92.5 Dallas; KLLS 94.3 Palestine, TX; KGNC 93.1 Amarillo; KVIL 103.7 Dallas and KGAF 94.5 Gainesville, TX. XINT signals all. Brief opening on 7/8 1200 to 1300, no IDs, not as good as 7/5.

Glen Hauser S. San Antonio, TX (PSC Box 42309, Kelly AFB, TX 78241 CST

Greetings from the south Texas BX sieve. About the best I can report this time is 10 watter KTRU over a 200 mile path. Fortunately there has also been Es on a few dates, but nothing observed upto the top of the band. Please note that the times given are CST and not CDT. And, despite RWWs comment last month, KYND is the correct call for 92.5 in Pasadena, TX... has been that ever since I've hrd. it. (Sorry OM RWW) 6/8 KNEB 94.1 @1204 w/Paul Harvey mx, local ads and ID @1217; KVSF 97.9 Rapid City, SD 1208 gospel mx, wx for RC @1214 into relig. pgm; KFBC 97.9 1214 w/wx for Cheyenne. 6/10 KPFT 90.1 TX @0027 w/Jeff Shero reading my entire letter on propagation, etc. 6/12 1511 WHKW 89.3 comedy show // 90.7, 89.9, 88.3. 1511 KSJR 90.1 MN w/Firing Line; 1514 KLIZ 95.7 MN local ad, NBC nx; 1515 KLFD 95.3 MN local ad, bumper sticker promo; 1521 WHA 88.7 WI comedy // 90.7; 1535 WIAL 94.1 WI MoR mx, PSA and ID; 1537 WCAL 89.3 MN talk not // WSBS in/out to 1756 MN mx; 1538 WOI 90.1 IA hard jazz 1558 ID as Geno Musco Show CDT ID as WOI FM Public Radio; 1549 WAYL 93.7 MN local ad for Dayton suburban store; KSJN 92.1 MN in/out to 1812 // to 90.1; WMBI 90.1 IL Chgo. phone # mixed w/KSJR; WILL 90.9 @1900 ID: 1900 WYCA 92.3 IN local wx; 2229 tropo KLJT 107.3 TX UG mx, extreme version of SSB (perhaps Jimmi Hendrix from Woodstock? RWW); 2235 KJET 107.7 TX soul mx, jingle ID; 2245 KPAC 93.5 TX ID, wx; 2301 KODA 99.1 TX daychange amt as if s/off, but continued; 2303 KHCB 105.7 TX s/off to "This is My Country", ment. STL KIU45 95.0MHz, 3 watts; 2316 KAUM 96.5 TX fake ad in old radio drama. 6/13 0500 WFAW 92.1 TX s/on "Big Country Giant..W..taw"; 0505 KNUS 98.7 TX KLIF nx, mix KTXN; 0645 KHFI 98.3 TX Georgetown U. Forum, ID @0659; 2605 WYNK 101.5 IA s/off, back @5AM w/the Nashville Sound; 2308 KASE 100.7 TX w/wx; 2310 WWL 101.9 IA mx, 2329 ID partly missed, at in Fr Qtr. 6/14 0012 WRNO? 99.5 IA rock, east, not image; 0357 KPEL 99.9 IA SSB, s/on, ABC Info affil; 0401 WAFB 98.1 IA s/on, output of "100,000 Hertz" HP 71; 0446 KBOX 100.3 TX ID "\$100"; 0451 KGBC? 106.5 TX Lifeline, HIH ads, or KOOL Jacksonville?; 0454 KWLE 104.9 TX ID, time pips, TSN mx; 0459 KELT 104.9 TX s/on, then nx; 0502 KWED 105.3 TX s/on, nx; 0504 KILT 100.3 TX s/on, jingle ID; 0509 KCWM 99.5 TX wx, ID, CCI from east; 0531 MS 104.5 "This is the Family Altar BGCST of James C. Gemmon(?) transcribed.."; 0540 KEXL on; 0542 KPLC 99.5 local ad. 6/16 0659 KUT 90.7 TX s/on; 2248 KTRU 91.7 Houston, TX promo for SW Theatre Guild, 2258 ID "the radio", nx, approached 1 on strength meter, while KPFT pinned it, 0000 s/off giving cx of license, on since 6/12/70. 10 watts! 2320 KNFM 96.1 TX TT, 2326 ID as a test, must be very low power, as not quieted, (listed 30kw RWW); 2326 KYND 92.5 TX ID claiming atop Shell Bldg in Downtown Houston; 6/17 0008 KRBE 104.1 TX arts calander, local ad, IDs "\$ 104". 6/23 0600 all the usual available Houston, Beaumont fms; 0625 KDLK 94.3 local ads poorly modulated, TSN affil.; 0659 KLYX 102.1 TX TSN, \$102 ID in passing, Houston wx; 2157 KCIL 107.1 IA semi obscene cajun song, s/off 3kw @2200; 2303 KQUE 102.9 TX nx in KTFM sideband, ID in passing w/wx; 2310 KFMK 97.9 TX KFMK priority nx, s/off following back @5AM to This Is My Country. 6/24 KNIR 99.1 IA @0630 w/sports, local ad; 0637 KHER 105.7 TX TSN nx w/UPI inserts o/KHCB, local ads; 1733 Es KPBS 89.5 CA Senate hearing from NPR to 1747 end and ID, gone by 1800, 2208 89.5 UNID Es w/Firing Line; 1128 WEKU 88.9 KY 2 stns, 1130 lecture on a movie from NERN; 1134 ID; 1137 World of music until 4:45; 1805 KUHF 88.7 TX pgm "DXing Today" until 1830 relaying talks from Radio Canada SW Club, etc. 7/2 0600 KTAL 98.1 ID, cw mx. 7/5 2040 Es KCNA? 94.1 NV opening in progress when I returned home; 2041 KVEG 92.3 NV ment. Las Vegas, PSA then cw mx. 7/6 0505 KLCL 99.5 end NBC nx, cx KPLC and finally @0609 KNFM 92.3 Midland, TX w/local ad "in west Texas". 73
de Glenn

Pat Dyer Office of Telecommunications Boulder Colorado 80302

Since I haven't as yet properly set up and found a permanent location around here, the FM DXing has been pretty limited. I'm still using the Wards 62 1 w/it's 2' whip. I used to think San Antonio was crowded with FM stations. There are over 20 stations hereabouts that one could call local since they're in all the time. Due to the mountain ranges just out west of here, I have been experiencing severe multipath distortion on most signals due to my omnidirectional antenna system. Here is a list of locals: KCFR 90.1 Denver (25); KCSU 90.9 Ft. Collins (40); KWBI 91.1 Morrison (25); KUNC 91.5 Greeley (40); KGRE 92.3 Greeley; KIIIX 93.3 Ft. Collins, KBVL 94.7 Boulder; KHOW 95.7 Denver; KRNS 97.3 Boulder; KFBC 97.9 Cheyenne, WY (80); KFML 98.5 Denver; KVOD 99.5 Denver; KLIR 100.3 Denver; KOSI 101.1 Denver; KFTM 101.7 Ft. Morgan (80); KLOV 102.3 Loveland (30); KOA 103.5 Denver; KLMO 104.3 Longmont (15); KADX 105.1 Denver; KBPI 105.9 Denver; KLZ 106.7 Denver, and KJAE 107.5 Lakewood (20). With that crowd it takes some doing to know if the band is open or not. June 27 apx 1300 to 14:10 MDST I was getting ch. 6 audio on 98.75. It finally turned out to be WFBI Indianapolis. Checks for skip in the FM band proper didn't reveal anything. Hope I'm better set up by next time. 73.

Joe Fola 150 Robert Place So. Plainfield, New Jersey 07080

So far this season has been less than good, but here's a report of what's been hrd so far: All times ELT. 5/29 A fair Es opening. 1131 AM WCAL 89.3 MN good; 1200 KDCR 91.3 IA; 1225 who was carrying the Indy 500 on 92.1? Faded before local ID. (WBERM?? RWW); 1232 WCW 92.3 NEB very nice ID right thru local WHOM; 1235 KOWH 94.1 NE; 1250 KSOZ 88.1 Mo. Later that evening WGLS 89.7 NJ was finally added thru much WGBH QRM. June produced nothing worthwhile except one time trop receptions of WEEP 107.9 and WFBG 98.1 both PA. However, I was seldom home on weekends, so probably missed some skip openings. July has been better though starting w/7/4: 1256 AM WNCT 107.7 NC s/off shortly afterward; 0110 WTRY 106.5 NY ex WDKC; 0114 WWOR 100.5 NY w/WCMS and probably also WRCH nulled. 7/5 0400 WLKW 101.5 AN/HI program. This must be the most difficult RI outlet, it doesn't get out. Later that morning, some Es hrd w/KMUW 89.1 KS @1031. Also noted undecoded KCVR 89.3 Mo, KANU 91.5 KS and KCKN 94.1 KS around the same time. The PM of the 5th produced some good Boston trop w/most of them in like locals. Particularly strong were WEEI 103.3, WBOB 92.9 and WCOP 100.7 covering WPMZ/WLNA. Additions were WHDH 94.5 @1007 right after WCHR 94.5 s/off; 1030 WLYN 101.7 MA vry ruff due to WPIX 101.9 and WBJH 101.5 QRM. 7/6 0005 WDNH 97.5 NH strong...this one should be hrd for good distances via trop. 7/9 1044 AM and for the next hour SS in/out on 91.7, or close to it. Guess Cuba, but no IDs caught. (Perhaps WHRS FL??RWW); 1054 WHMS 92.1 FL also on Es. Locally WNYC 93.9 is back on NSP as Lindsay's \$\$\$ troubles are over for this year. Their 14 hr sked was nice while it lasted. Local WRVR 106.7 one of the weakest locals here, just announced plans to move their XR to the Empire State Building. They plan to switchover sometime this fall. Speaking of XR changes, WEVD 97.9 has done something as their strength went way up here. Previously Baltimore and Hazleton used to over ride them occasionally. Now I can't even null them. Chris Lucas of CT noted a similar increase in strength. 73 for this month.

Bruce F. Elving 522 North 12 $\frac{1}{2}$ Avenue East, Duluth MN 55805

At home during June I had the chance to install a six element FM antenna atop a rotator at my wife's parents house, about 10 miles NW of my downtown location. This is at a considerably higher elevation giving a clean shot to the N and W, but lacking the panoramic view across Lake Superior and 35 miles in the north Wisconsin countryside of my older location. Consequently, on normal days, I hear about 100 miles farther SE from downtown than over the hill (three miles north of Adolph MN), while the other location offers better receptionability to such places as NW Iowa, SD, ND and Winnipeg. This report includes stations picked up at either, or both locations. New stations WDTN 103.3 Duluth, WMFG 106.3 Hibbing and WHLB 107.1 Virginia, all MN, were hrd at both places, except for WHLB, while at 50 miles has not yet been picked up on 12 $\frac{1}{2}$ Avenue, below the crest of the hill at only 50 miles. 6/16 WLSU 88.9 WI and KBMO 93.5 MN (at s/off 0900 to 1830 return. 6/17 KEHG 107.1 MN, Adolph w/no WHLB interference. A 1331 6/23 WJMD 94.7 MD by MS. An excellent trop opening the night of 6/25 until afternoon of 6/26 brought in KCLN 97.7, KWAY 99.3 and KTOF 104.5 IA; WWTO 105.7 Peoria, WKWL 104.9 Belvidere (while WGGR 105.1 was on less than two miles from me!), and WPGU 107.1 Urbana, IL and my last remaining ungrasped commercial WI station, not including CPs WGLB 100.1 Pt. Washington. WI and IL are now tied for my largest state w/97 stations each. Es 6/27 in the PM presented KINT 97.5 TX, and both Las Cruces NM stations KGRD 103.9 and KRWG 90.7. The only other FM Es hrd was the morning of 7/5 when several stations from 5 SE states were noted, w/the only ID being previously hrd WMGR 97.3 GA which has applied to change it's call letters to WJAD.

Jim Hayes 9 Henry Street Wilkes Barre, PA 18702

In June I logged 17 new stations, all tropo. I didn't hear my first Es until July. My RX is a Zenith Trans Oceanic. 6/5 0530 WEPN 97.5 VA, then a swing up to N Y state, logged were 0557 WHCU 97.3 Ithica, 0630 WKRT 99.9 Cortland and WVOS 95.9 Liberty. 6/7 2400 WFMZ 100.7 Allentown. 6/15 1938 WASH 97.1 DC. 6/19 2100 WFME 94.7 Newark, 2120 WPEN 102.9. The next four days were spent in the Poconos where I logged 15 by tropo. The results show how altitude helps. 6/28 1905 WNAV 99.1 MD, 2145 an UNID on 104.1 with a telephone talk show. 6/29 0600 WSTW 93.7 Del, WPBS 98.9 Philadelphia, 0610 WSPK 104.7 Poughkeepsie, 0628 WMMR 93.3 Philly, the sound much improved from when rev'd in WB, WWSH 106.1 Philly very strong reception. 0630 WVNJ 100.3 NJ, WRFY 102.5 Reading very strong, 0640 WMMM 107.9 Westport, CT, this one was in most of the day, then hardly over ID. WLIB 107.5 NY, these weak NYC FMers seldom show up in the valley. 0715 WFPI 92.5 Philly local like. They seem to have dropped the HP '71 sound, but still play popular mx, however. 0720 WLAN 96.9 Lancaster, PA, 0733 WTOA Trenton "Passport Radio", 1045 WNYE 91.5 NYC in beautiful w/easy listening mx, 1122 WPLJ 95.5 NYC ex WABC, 1615 WDAC 94.5 Lancaster in strong, but many fadeouts. 1630 WRNW 107.1 Mt. Kisco NY "The big band sound" thru muller WEJL, 1645 WCCC 106.9 Hartford fadey. 6/30 1800 WDLC 96.7 Port Jervis NY, 1830 WLVP 102.3 Franklin, NJ in good w/MoR mx. 7/1 0835 WWPO 93.5 Stroudsburg, PA. I've been after them for a long time. 2000 WNBC 97.1 NYC weak, WDLC, WPLJ in again. 7/5 @1100 I noticed Es up to 93 MHz coming in from the MO area. An UNID was on 92.3 w/MoR mx, seldom broke, KJRG?. KARD was in locallike at this time, and they're just a few miles away. (Jim, see Joe Fela's report on p. 6 for note comparisons. RWW)

Mike Dorner, Jr. 1409 Hymelia Avenue Metairie, Louisiana 70003

Here's my second report on my FM DX: June closed quietly in trop openings. KOOL Jacksonville, TX in fairly regularly; new one for me KHER 105.7 in Longview, TX for 20 min. Houston in 6/15 steady and strong for 10 hours, including KLYX Clear Lake City 0038, where astronauts live. WATM Atmore, AL in 0523 w/cw mx, KREB Monroe, LA xw 0540 barely audible. 6/16 brought in KGBC Galveston for 75 minutes strong and steady w/automated mx MoR; ed KUHF 88.7 Houston @1134 pm w/jazz mx; hrd rocker KLJT Lake Jackson, TX barely audible 2345 to 2400. Next day class A KVCL Wirmfield, IA beautiful signal @0811 to 0833 and KTOC Jonesboro, LA. 0845 also class A. Elvings idea of using maps helped there! New religious WPCS Pensacola stereo 89.3 pm 6AM (?) to 2200 s/off daily. Can copy indoor folded dipole almost all day. 100kw.... 6/25 local WWOM off and copied WGNE 101.9 Panama City for the first time...automated MoR AN. Es on 6/25 brought WIFT 92.5 PA (ZOW!!) 0946, WOSU Columbus Ohio, KDCR Sioux Center, IA religious outlet; WDYN Chattanooga, also religious; KXCV 90.5 Marysville, Mo new ed; and KRWG 90.7 Las Cruces, NM and many other unID ed FM carrying Congressional hearings on Pentagon hearings, all between 0946 and 1134 CDT. Since then, Bob's Tech Notes prove right. Trop stinks: barely copy Mobile now; boomed in spring. Stagnant high masses drench w/thundershowers. Any other FM DX nut interested in exchanging air checks of his local FMs, not for logging purposes, of course, but for the curiosity of it? Is there anybody in WFTDA along the Gulf Coast who DX's FM? For the benefit of other DXers, WVSL 105.3 LA now AN rocker, WDSU 93.3 now easy MoR 0600 to 2400, KLEF 94.3 LA hard rock 2400 s/off, WTGI 103.3 Hammond, LA cw 0600 to 0900, MoR day, hard rock to 0100 s/off..100kw, WJDX Jackson, Miss hard rock 2400 s/off, WJBO Baton Rouge now hard rock to 0100 s/off, New Orleans cw AN WNOE 101.1 and MoR atmtd WWL 101.9 both AN and 100kw, high aat, easy MoR WBYU 95.7 high aat 0600 to 0100 off. WBIL 93.7 Biloxi 0600 to 0000 chicken rock.

Mark L. Lewis 224 Honiton Street Downsview 475, Ontario

I am sorry that I haven't written to report my DX earlier, but I have been quite busy in the past few months. In fact, I was on vacation for a month in Mexico where I did some interesting DXing on FM, and in the last month, I have been doing the all night shift on CKFM 99.9 here in Toronto. First, some mx of interest to some DXers. We at CKFM are presently doing some work on our XRs. We currently have a stereo plant w/an ERP of 200kw at an antenna ht. of 444'. Our new plant will be located atop the 60 story Commerce Court Bldg in dt Toronto. It will be the tallest building in Canada. Our tower top will be 876'. and we will reduce power to 100kw circular. I am told that the system will be automated so that in the event of trouble, the XRs will change automatically. Besides this, we will keep our old plant until late 1973. Thus we will have 5 XRs, 4 of them in stereo. Well, when you are #1 FM station in Canada, you just have to try harder. (I should charge you for a spot anct. for CKFM hihi. RWW) Tower erection should start in mid July, the XRs are already in Toronto awaiting installation. We should be on the air in mid September w/the new plant. As for DX: 7/5 I spent most of my time on TV, but did hear KRID 92.5 Dallas, TX @1210 PM. While in Mexico, I had some great trop, TX all the way to KBOK 100.3 inland. on 5/24 fab Es on car radio, friend kept notes while I drove, included WSMU SC, WFBC 93.7 SC also WAJR 101.9 WVA. Some freqs. 2 and 3 deep. This was done in Yucatan Peninsula at 10AM. That's all for now. Hope to see all at E. Lansing. (Ed not, this was extensively edited, as I'm out of stencils again. RWW)

CHARLES A. DOBBINS
12851 Longacre
Detroit, MI. 48227
(313) 838-8959

STATIONS OPERATING (as of May 27, 1971)

VHF COM 503
VHF ETV 87
UHF COM 180
UHF ETV 115

GRAND TOTAL 885

FCC TV

STATIONS GOING ON THE AIR

WDXR-TV (ch. 29) - Paducah, KY. - was due on the air on May 21st.

EDUCATIONAL CONSTRUCTION PERMITS GRANTED

- *Charlotte Amalie, VI. (ch. 3) 9.575kw max. video and 1.915kw max. aural AAT 110 ft.
- *Marquette, MI. (ch. 13) N. MI. Univ. 315.4kw video and 63.39kw aural AAT 1090 ft.
- *Portsmouth, OH. (ch. 42) 563kw video and 112.6kw aural AAT 1230 ft.

CONSTRUCTION PERMITS REINSTATED

- Bridgeport, CN. WFTT (ch. 43) Newsvision Co.
- Cheyenne, WY. KDWN-TV (ch. 27) CCC Inc.
- Des Moines, IA. WJMG-TV (ch. 63) Iowa Bdcstg Co.

CONSTRUCTION PERMITS CANCELLED

- Bethlehem, PA. WKAP-TV (ch. 60) WKAP Inc. - delete call letters
- Hartford, CN. WUHF-TV (ch. 61) Kappa TV Corp. - delete call letters
- Oklahoma City, OK. KLPR-TV (ch. 14) KLPR-TV Inc. - delete call letters
- Concord, CA. KCFT-TV (ch. 42) TV Hill. - delete call letters

LICENSE SET ASIDE

- *Trenton, NJ. (ch. 52) WNJT FCC on 4-15-71 set aside grant of license covering new station.

CHANGES GRANTED IN TV STATIONS OPERATING

- *Augusta, ME. (ch. 10) WCBB gtd CP 5-5-71 for 309kw video, 63kw aural AAT 1000 ft.
- *Belton, TX. (ch. 46) KNCT gtd license 5-10-71 chge grantee to licensee.
- *Boston, MA. (ch. 44) WGBX-TV gtd CP 5-11-71 for 403.4kw video and 80.7kw aural.
- Casper, WY. (ch. 2) KTWO-TV gtd program test authorization 5-20-71 for 20kw. aural.
- Denver, CO. (ch. 2) KWGN-TV new AAT 1050 ft. xmtr to 64 ft. WFTT of present site.
- Gainesville, FL. (ch. 20) WCJB gtd license 5-17-71 chge grantee to licensee.
- Jackson, MS. (ch. 16) WAPT license chged to read -owner-American Public Life Bdcstg Co.
- Las Vegas, NV. (ch. 13) KSHO-TV gtd license 4-29-71 to chge grantee to licensee.
- Lead, SD (ch. 11) KHSD-TV gtd license 4-1-71 to chge grantee to licensee.
- *Pittsburgh, PA. (ch. 13) WQED chge name to Metropolitan Pittsburgh Public Bdcstg Co. new AAT 690 ft.
- *Pittsburgh, PA. (ch. 16) WQEX chge name to Metropolitan Pittsburgh Public Bdcstg Co. 248kw max. video and 49.6kw max aural with AAT 700 ft.
- San Francisco, CA. (ch. 44) KBHK-TV 1980 kw max video & 198 kw max aural AAT 1610 ft. transmitter moved to Mt. Sutro.
- San Francisco, CA. (ch. 32) KQEC 1330 kw. max video & 265 kw. max aural AAT 1670 ft. transmitter moved to 525 4th St. San Francisco.
- *San Francisco, CA. (ch. 9) KQED AAT to 1670 ft., transmitter to MT. Sutro.
- *Schenectady, NY. (ch. 17) WMHT 2570 kw max video & 513 kw max aural AAT 950 ft.
- Waterbury, CN. (ch. 20) WATR-TV studio location to Peach Orchard Rd. Prospect, CN.
- Wilkes Barre, PA. (ch. 28) WERE-TV 4102 kw. video 820.4 kw aural.
- Worcester, MA. (ch. 27) WSMW-TV gtd license 4-8-71 chge grantee to licensee.

APPLICATION DISMISSED

- Lebanon, PA. (ch. 59) New Hudson Bdcstg Corp.

NEW CALL LETTERS ASSIGNED

- *Biloxi, MS. (ch. 19) WMAH Miss. Authority for ETV.
- *Eude, MS. (ch. 17) WMAU Miss. Authority for ETV.
- *College, Alaska (ch. 9) KUAC-TV, U. of Alaska.
- *Goldvein, VA. (ch. 53) WNVV, Northern VA. ETV Assn.
- *Greenwood, MS. (ch. 23) WMAO Miss. Authority for ETV.
- *Meridian, MS. (ch. 14) WMAW Miss. Authority for ETV.
- *Senatobia, MS. (ch. 22) WMAV Miss. Authority for ETV.

- *Bowling Green, OH. (ch. 27) chge station location to Lima, OH.; chge frequency to ch. 57
750 kw. max. video & 150 kw. max. aural AAT 1059 ft.
- *Corpus Christi, TX. (ch. 38) chge to 1250kw video and 166.2kw aural AAT 871 ft.

CHANGES IN CALL LETTERS

- Fresno, CA. (ch. 30) KFSN-TV, Capital Cities Bdcstg Corp. (formerly KFRE-TV)
- *New Brunswick, NJ. (ch. 19) WNJB, NJ. Public Bdcstg Authority (formerly WTLV)
- New Haven, CN. (ch. 8) WTNH-TV Capital Cities Bdcstg Inc. (formerly WNHC-TV)
- Peoria, IL. (ch. 19) WRAU-TV Forward of Ill. Inc. (formerly WURL-TV)
- Philadelphia, PA. (ch. 6) WPVI-TV Capital Cities Bdcstg Corp. (formerly WFIL-TV)

REQUEST FOR CALL LETTERS

- *Aberdeen, SD. (ch. 16) New - State Board of Directors for ETV req KDSD-TV.
- Grand Rapids, MI. (ch. 8) WOOD-TV McGraw Hill Inc. req WOTV.
- Indianapolis, IN. (ch. 6) WFEM-TV McGraw Hill Inc. req WRTV.
- Kenosha, WI. (ch. 55) WKSH Wisconsin TV Corp. req WKRL.
- Sacramento, CA. (ch. 15) KRAQ Grayson TV Co. req KMVE-TV.
- San Diego, CA. (ch. 10) KOGO-TV McGraw Hill Inc. req KGTV.

MODIFICATION OF CONSTRUCTION PERMITS

- Chattanooga, TN. (ch. 61) WRIP-TV 306 kw. max video and 61.1 kw. max. aural.
- Boston, MA. (ch. 5) unassigned Boston Bdcstrs Inc. 20 kw. aural AAT 977 ft.
- Cleveland, OH. (ch. 19) WCTF 620 kw. video and 124 kw. aural AAT 1140 ft. transmitter
moved to near Park Dr. and State Rd. on grounds of Parmadale Orphanage, Parma
- *Springfield, MA. (ch. 57) WGBY-TV 1312 kw. video and 262.4 kw. aural.
- Traverse City, MI. (ch. 29) WGTU 482 kw. video and 96.2 kw. aural AAT 1300 ft.

CHANGES REQUESTED IN TV STATIONS OPERATING

- *Boston, MA. (ch. 44) WGBX-TV req 403.4 kw max. video and 80.7 kw. max. aural.
- Boston, MA. (ch. 5) unassigned req 20 kw. aural AAT 977 ft.
- Charlotte Amalie, VI. (ch. 10) WENB-TV req 60 kw. video and 6 kw. aural.
- Jackson, TN. (ch. 7) WBBJ-TV req 54.4kw. video and 10.9 kw. aural.
- New York, NY. (ch. 7) WABC-TV req 64.6 kw. video and 12.92 kw. aural AAT 1611 ft.
-transmitter to North Bldg of World Trade Center, New York.
- *New York-Newark, NJ. (ch. 13) req CP for 62 kw. video 12.4 kw. aural AAT 1637 ft.
- Tulsa, OK. (ch. 2) KTEW req mod. of lic. to chge name to Scripps-Howard Bdcstg Co. of OK.

MISCELLANEOUS ITEMS

1. Ball State U., Muncie, IN. req ch. 17 for ETV reservation.
2. WSUN-TV St. Petersburg, FL. (off air) req addition of ch. 24 to Naples, FL.
3. FCC has assigned ch. 50 to Little Falls, NJ. for ETV use.
4. Allocation changes: Add *ch. 36 Atlantic City; *ch. 23 Camden, NJ.; *ch. 57 to Philadelphia and delete ch. 23 from Philadelphia also add *ch. 45 to Alliance, OH.; *ch. 27 to Bowling Green, OH.; and delete *ch. 27 from Bryan, OH.
5. Nationalist China's third commercial station is due to start in late 1971.
6. WUHQ-41 supposedly was to begin programming on the 25th of MAY. Anybody as yet caught them even testing?
7. From Gary Olson via Wayne Plunkett, a new 100 kw. (full power, anyway) ch.2 will be on in the Georgian Bay region of Ontario within a few weeks (I think they have already been logged by one or more DXers). They will repeat CKCO Kitchner, ONTario. The call will probably be CKCO-TV-1.

I would be interested in hearing from any readers who might be interested in a portion of this column being devoted to the ever increasing world of TV translator stations.

Roger Carriere of 196 Joseph in Buckingham, Quebec, Canada would like to join the ranks of the TV Guide exchangers. He offers to supply programming data for all of the following stations: CBFT, CBMT, CFTM, and CFCF (all Montreal) CKWS (Kingston) CBOT, CJOH, and CBOFT (all Ottawa) CHLT (Sherbrooke) WCAX, WVNY and WETK (all Burlington, VT.) WPTZ (Plattsburgh, NY.) WMTW (Poland Springs, ME.) WRGB (Schenectady, NY.) WSYR, WHEN and WNYS (all Syracuse, NY.) and WWNY (Watertown, NY.).

best of DX-ing,
73 's.

Chuck

STATISTICS

Glenn Hauser, editor
 PSC Box 42309
 Kelly AFB TX 78241
 AUGUST 1971

TVDX RECORDS

Ch	Call	Location	Miles	DXer, Location	Comments
17	KRTV	Little Rock AR	45	Jerry Don Burch, Hot Springs AR	now off
	KLYD	Bakersfield CA	220	Randy Miltier, Campbell CA	now KJTV
	WITV	Fort Lauderdale FL	665	Clarence Rareshide, New Orleans LA	now off
	WJKS	Jacksonville FL	510	Ron Le Blanc, Marrero LA	
	WSEC	Miami FL	5	Ronald Schatz, North Miami Beach FL	
	WJRJ	Atlanta GA	755	Robert Cooper, Oklahoma City OK	
	WAND	Decatur IL	560	Robert Cooper, Oklahoma City OK	
	WTVO	Rockford IL	645	Robert Cooper, Oklahoma City OK	was ch39
	KGTV	Des Moines IA	290	Carl Lupton, Shelbyville IL	now off
	KTCI	Saint Paul MN	275	Bill Draeb, Kewaunee WI	
	WNED	Buffalo NY	445	Bill Draeb, Kewaunee WI	
	WBUF	Buffalo NY	455	Dave Janowiak, Milwaukee WI	now off
	WMHT	Schenectady NY	285	Mark Lewis, Downsview Ont	
	WUNE	Linville NC	315	Larry Vogt, Springfield VA	
	WJAN	Canton OH	405	Bill Draeb, Kewaunee WI	
	WPCA	Philadelphia PA	105	Art Friese, White Plains NY	now off
	WPHL	Philadelphia PA	455	Harold Cooper, Westland MI	
18	WDHN	Dothan AL	470	Dick Clark, Fort Lauderdale FL	
	KCHU	San Bernardino CA	25	Eric Norberg, Claremont CA	now off
	WHCT	Hartford CT	380	Dennis Smith, Little Creek VA	
	WCLP	Chatsworth GA	725	Robert Cooper, Oklahoma City OK	
	WFAM	Lafayette IN	440	Mark Lewis, Downsview Ont	now WLFI
			tie	David Kanaar, Buffalo NY	
	K18AA	Salina KS	230	Robert Cooper, Oklahoma City OK	of KCKT-2
	WLEX	Lexington KY	740	Robert Cooper, Oklahoma City OK	
	WSYE	Elmira NY	555	Bill Draeb, Kewaunee WI	
	WCCB	Charlotte NC	310	Larry Vogt, Springfield VA	
	WHIZ	Zanesville OH	420	Bill Draeb, Kewaunee WI	
WXIX	Milwaukee WI	430	Robert Seybold, Dunkirk NY	was ch 19, now WVTV	
19	WHNT	Huntsville AL	630	Robert Cooper, Oklahoma City OK	
	KLOC	Modesto CA	175	Dennis Smith, Sequoiah Crest CA	
	WTVH	Peoria IL	565	Richard Nieman, Buffalo NY	now WIRL
	WCDC	Adams MA	725	Bill Draeb, Kewaunee WI	
	WUCM	Bay City MI	235	Bill Heusmann, Steger IL	
			tie	John Parillo, Girard OH	
	KCSD	Kansas City MO	515	Bill Draeb, Kewaunee WI	
	KXNE	Norfolk NE	505	Bill Draeb, Kewaunee WI	
	*WXIX	Newport KY (OH)	750	Robert Cooper, Oklahoma City OK	
	WNOK	Columbia SC	595	John Lombardo, Irvington NJ	
	WKPT	Kingsport TN	615	Bill Draeb, Kewaunee WI	
	KAEC	Nacogdoches TX	375	Glenn Hauser, Enid OK	
	KXIX	Victoria TX	465	Robert Cooper, Oklahoma City OK	
	WXOW	LaCrosse WI	665	Robert Cooper, Oklahoma City OK	
	WXIX	Milwaukee WI	525	King Schafer, Kenmore NY	now ch 18, WVTV
	KEPR	Pasco WA	55	Ray O'Rear, Zillah WA	
	CICA	Toronto Ont	160	John Robertson, Croswell MI	
	*KMPT	Oklahoma City OK	5	Glenn Hauser, Oklahoma City OK	now off

As participation grows in our "Rank" listings, we get requests to cover more information. One suggestion, and a good one, is to indicate the number of UHF TV stations received. So please include this in the future. Also for TV, the number of stations logged by Es. For FM, please show the number of Es stations, and the number of stations logged in the band 88-92 MHz. For both, please indicate the year you began DXing from that location. And please follow the format given on the next page.

TV RANK

DXer. Location	Stns	UHF	Es	States	Prov	Lands	YB	As of:
Robert Seybold, Dunkirk NY	496			49+DC	8	6		9 May
Robert Cooper, Oklahoma City OK	337	122		--	-	-		26 Jun
Gary Olson, Deerfield area IL	282			37+DC	7	5		1 Jun
Roger Brown, East Lansing MI	280			39	5	4		19 Apr
Bill Heusmann, Steger IL	241			37	6	5		8 Apr
Morrie Goldman, Chicago IL	239			39	5	4		7 Jun
Frank Wheeler, Erie PA	230			32+DC	9	3		23 Jun
Fred McCormack, Des Lacs ND	227			39	6	3		6 Jun
Ron Le Blanc, Marrero LA	183			30	1	6		21 May
Jerry Pulice, Staten Island NY	164			32+DC	3	3		6 Jun
Les Prus, Manhattan KS	152			31+DC	5	3		6 Jun
Robert Grace, Franklin TX 77856	149			30	2	4		6 Apr
Joe Kureth, Southern Pines NC	144			26+DC	4	4		24 Jun
David Cox, Carrollton AL	142			30	5	5		6 Jun
Larry Vogt, Springfield VA	142			30+DC	2	3		13 May
Pat Dyer, San Antonio TX	131			34	2	5		7 Jun
Paul Polin, Morton Grove IL	130			16	2	6		11 Jun
Dave Egan, Valleyfield PQ	126			31	4	3		12 Mar
*Paul Luchter, Oceanside LINY	121			25+DC	3	2		11 Feb
Bill Heusmann, Des Moines IA	118			26	1	5		8 Apr
Glenn Hauser, South San Antonio TX	117	5	60	33	1	4	71	12 Jul
Fred Nordquist, North Syracuse NY	100			18	2	2		6 Jul
Tom Yingling, Baltimore MD	70 V			21+DC	1	3		1 Jun
David Alpert, Morton Grove IL	28			5	0	1		11 Jun
David Swanson, Margarita CZ	15			2	0	6		3 Jul

FM RANK

DXer. Location	Stns	88-92	Es	States	Prov	Lands	YB	As of:
*Bruce Elving, Duluth MN	927			39+DC	3	2		5 Feb
John Ebeling, Bloomington MN	572			37	4	3		23 May
Robert Seybold, Dunkirk NY	445			35	2	2		9 May
Andy Bolin, Charleston IL	384			16	1	2		1 May
Larry Vogt, Springfield VA	358			34+DC	2	4		13 May
Fred McCormack, Des Lacs ND	236			34+DC	3	2		6 Jun
Fred Nordquist, North Syracuse NY	235			23+DC	2	2		6 Jul
John Parillo, Girard OH	170			14+DC	1	2		1 May
Peter Hobday, Potsdam NY	153			9+DC	2	2		12 Jun
Glenn Hauser, South San Antonio TX	147	31	48	25	1	3	71	12 Jul
Mike Dorner Jr, Metairie LA	117			11	0	2		4 Jun
Jim Pizzi, Santa Maria CA	101			16	3	3		8 Jul
Pat Dyer, San Antonio TX	90			12	0	2		7 Jun
Frank Wheeler, Erie PA	78		(reverse order	4	-	2		23 Jun
Bill Heusmann, Des Moines IA	86		these two)	12	0	1		8 Apr
Tom Yingling, Baltimore MD	37 V			8	0	1		10 Jun

ADDITIONS AND REVISIONS

3	KVDO	Salem OR	(Es)	1050	Craig McCormack, Des Lacs ND			new
	KLEW	Lewiston ID (WA)	MS	815	Jim Pizzi, Santa Maria CA			new
4	CFCR	Kamloops BC		1080	Jim Pizzi, Santa Maria CA		McCormack	870
	XHIT	Chihuahua Chih		965	Jim Pizzi, Santa Maria CA			new
5	WKRG	Mobile AL		1530	Dave Swanson, Margarita CZ		Cody/Hauser	1125
	KOBI	Medford OR		1110	Craig McCormack, Des Lacs ND		Dillon	1035
10	KTSD	Pierre SD	(T)	140	Fred McCormack, Watertown SD			new
29	WDXR	Paducah KY		500	Robert Cooper, Oklahoma City OK			new
40	KFPW	Fort Smith AR		175	Robert Cooper, Oklahoma City OK			new
46	KNCT	Belton TX		445	Ron Le Blanc, Marrero LA			Grace 70

FMers: 88 MHz DX records due 12 August; 89 MHz, 12 Sept; explained last month. 73/Glenn

VHF DX

Pat Dyer
Office of Telecommunications
Institute for Telecommunication Sciences
Boulder, Colorado 80302
Deadline: 12th of month

AUGUST 1971

Some of the reports in this month's column were delayed arrivals that should have been in the July issue. Again, my apologies.

Hank Holbrook, 7211 Chestnut Street, Chevy Chase, MD 20015 has been noting a lot of the OK City pager this summer, usually to the extent of dominating the frequency so that nothing else gets thru. More QSLed DX from the cottage, GMT used.

- 5-24: 2029, KIY 757 35.22 Montgomery, AL (pager, 250 w)
- 25: 1906, KIN 645 35.22 Miami, FL (pager, 350 w, A2 tone ID)
- 29: 1629, KSB 204 39.50 Kankakee, IL (sheriff, 500 w)

Glenn Hauser, PSC Box 42309, Kelly AFB, TX 78241 using A-2586, GMT.

- | | | |
|---------------------|----------------------|----------------------|
| 5-18: 2312, KIY 508 | 29: 1912, 37 Spanish | 15: 1707, KDN 402 |
| 2326, KIN 645 | 31: 1923, KIM 905 | 1711, KIM 905 |
| 19: 2326, KIY 508 | 6-2: 0022, KME 238 | 22: 1700, Long Beach |
| 2349, KIN 645 | 9: 1955, KIM 905 | 23: 1915, KAH 661 |
| 22: 1334, KIM 905 | 13: 0027, KAI 927 | 1926, KSJ 815 |
| 1336, KFJ 891 | 0142, KIM 905 | 24: 1752, KDN 402 |
| 1425, KIY 508 | 0206, Long Beach | 2005, KIY 757 |
| 24: 1521, KIN 645 | 2035, KIY 508 | 2009, KIQ 999 |
| 25: 0117, KIY 508 | 15: 1603, KFJ 891 | 30: 1520, KIM 905 |
| 27: 1335, KSJ 815 | 1621, KAH 661 | |
| 29: 1315, KIM 905 | 1648, KIN 645 | |

XX

Now, my loggings. Allied A-2586 with whip and 20' indoor random wire antenna. Thru Jun 28 in bottom level of 3-story apartment bldg; after on 4th floor of 5-story hotel. MDST used, all Es, new here underlined.

- | | | |
|--------------------------|--------------------------|---------------------------|
| 6-17: 0755, Sacramento | 26: 1515, Sacramento | 28: 1825, KKV 690 |
| 0800, <u>KMD 342</u> | 1947, KQD 609 | 1850, Boise |
| 1913, <u>KSC 864</u> | 2036, KSC 864 | 2115, <u>Eugene</u> |
| 1917, <u>KSC 644</u> | 2048, <u>OK City</u> | 7-5: 1715, <u>KFJ 891</u> |
| 1925, <u>KSD 326</u> | 27: 1005, <u>KQD 313</u> | 9: 1942, Long Beach |
| 18: 1838, <u>KMD 342</u> | 1027, KMA 829 | 2030, KMA 829 |
| 19: 2100, KMD 342 | 1038, <u>KMB 305</u> | 2045, Sacramento |
| 20: 1010, KSC 644 | Sacramento | 2050, KMB 305 |
| 1055, <u>KAH 661</u> | 1048, KSD 326 | 10: 0130, KQD 607 |
| 1109, <u>KQD 607</u> | 1145, <u>KSB 236</u> | 1020, KMA 829 |
| 23: 1850, KSC 644 | 1210, KKV 690 | Long Beach |
| 1900, Sacramento | 1215, KIQ 999 | 1305, <u>KSB 432</u> |
| 1920, KMD 342 | 1300, OK City | 1440, <u>KOA 796</u> |
| 2115, <u>Long Beach</u> | 1305, KSC 864 | 1920, <u>KSC 864</u> |
| <u>KFL 936</u> | 1350, KSC 644 | 1958, KFL 936 |
| 2245, <u>KMA 829</u> | 1430, KQD 607 | 2010, OK City |
| 2253, <u>KME 438</u> | Boise | 2230, KMD 342 |
| 24: 1915, Boise | 1645, KAH 661 | 11: 1818, KQD 607 |
| 1945, <u>KOK 418</u> | 28: 1825, Sacramento | |

Some new ID's from old San Antonio loggings; CST, F2 unless noted.

10-14: 1705, <u>KCH</u> 954	17: 1602, <u>KCD</u> 498	1-17: 1059, <u>KCK</u> 671
25: 1330, <u>KBL</u> 747	22: 1100, <u>KCH</u> 954	30: 1500, <u>KOH</u> 894
1555, <u>KCC</u> 960	12-6: 1419, <u>KGC</u> 765	5-22: 0837, <u>KSB</u> 235 (Es)
11-1: 1125, <u>KBP</u> 777	8: 1425, <u>KCD</u> 582	KAG 793 (Es)
1150, <u>KBS</u> 321	<u>KCD</u> 583	1240, <u>KSB</u> 236 (Es)
12: 1505, <u>KCH</u> 954	12: 1100, <u>KCH</u> 954	1245, <u>KUA</u> 772 (Es)
1610, <u>KAV</u> 469	28: 1100, <u>KCH</u> 954	1256, <u>KSA</u> 213 (Es)
13: 1630, <u>KAV</u> 469	<u>KBQ</u> 744	1418, <u>KSB</u> 230 (Es)
14: 1156, <u>KGC</u> 765	1-11: 1327, <u>KCE</u> 579	1518, <u>KSA</u> 776 (Es)
17: 1100, <u>KCH</u> 954	1430, <u>KGD</u> 760	

some of the following are newly identified stations that have been logged in this column before as unknowns (e.g., KOP 303, KCB 897, etc.)

KAG 793 42.54	Belmond, IA-sp	KMB 305 43.58	San Francisco, CA
KAH 661 35.22	Minneapolis, MN	KMD 342 35.22	Fresno, CA
KAI 927 35.38	Denver, CO	KME 238 35.22	California
KAV 469 33.90	Colchester, CT-f	KME 438 35.22	California
KBL 747 33.90	W Glens Falls, NY-cf	KOA 796 35.58	Portland, OR
KBP 777 33.86	Tafton, PA-f	KOH 894 33.70	Winslow, WA-cf
KBQ 744 33.62	Whitinsville, MA-f	KOP 303 35.46	Langley, WA-mp
KBS 321 33.78	Seaside Park, NJ-f	KQD 313 35.50	Dayton, OH
KCB 897 35.66	Portland, ME	KQD 607 35.50	Grand Rapids, MI
KCC 960 33.72	Bloomfield, CT-f	KQD 609 35.22	Lansing, MI
KCD 498 33.70	Sandwich, MA-f	KSA 213 42 /	Springfield, IL-sp
KCD 582 33.70	Harvard, MA-f	KSA 776 42 /	Pontiac, IL-sp
KCD 583 33.70	Harvard, MA-f	KSB 230 42 /	Joliet, IL-sp
KCE 579 33.78	Westmoreland, NH-f	KSB 235 42 /	Maryville, IL-sp
KCH 954 33.70	N Branford, CT-f	KSB 236 42 /	Effingham, IL-sp
KCK 671 33.90	Lake George, NY-cf	KSB 432 42.38	Minocqua Twp, WI-sp
KDN 402 35.54	Omaha, NE	KSC 644 43.58	Chicago, IL
KFJ 891 35 /	Columbus, OH	KSC 864 35.58	Peoria, IL
KGC 226 35.34	Allentown, PA	KSD 326 35.58	Indianapolis, IN
KGC 765 33.94	Sykesville, MD-vf	KSJ 815 35.22	Fort Wayne, IN
KGD 760 33.70	Conshohocken, PA-f	KUA 772 42.42	Indianapolis, IN-sp
KIM 905 35.22	Charlotte, NC	-	Boise, ID
KIQ 999 35.34	Mobile, AL	-	Eugene, OR-mp
KIY 508 35.22	Orlando, FL	-	Long Beach, CA
KKV 690 35.62	Houston, TX	-	Oklahoma City, OK
KMA 829 35 /	San Diego, CA	-	Sacramento, CA

c-county; f-fire; mp-mobile phone; sp-state police; v-volunteer; rest are pagers

A2 code ID's by: KAI 927, KDN 402, KFJ 891, KGC 226, KIN 645, KIQ 999, KKV 690, KMA 829, KME 238, KME 438, KOP 303, KQD 607, KQD 609, KSD 326, and KSJ 815.

My apologies to Richard Colgan and Hank Holbrook on not being able to include their latest reports due to mail delay. Hank has suffered an accident while cycling, and it appears that he will be getting in a lot of unscheduled DXing time. We all wish him a speedy recovery. In the future, whenever your editor undergoes a change of address, the regular column contributors will be notified personally about it.