

TV Signal Analysis Results



Here are the results for your location. The transmitter database was last updated on January 3, 2016. For more information about these plots and how to interpret them, please check out the [Signal Analysis FAQ](#).

If you would like to share these results with others, this page can be referenced as:

http://www.tvfool.com/?option=com_wrapper&Itemid=29&q=id%3d513404e68f4b75

To ask for help from other TV Fool members, post this link in a thread [HERE](#).

To start over, [click here](#).

Current database: ☒ All channels ([save image](#))
☐ Only Digital ([save image](#))
☐ Only Analog ([save image](#))

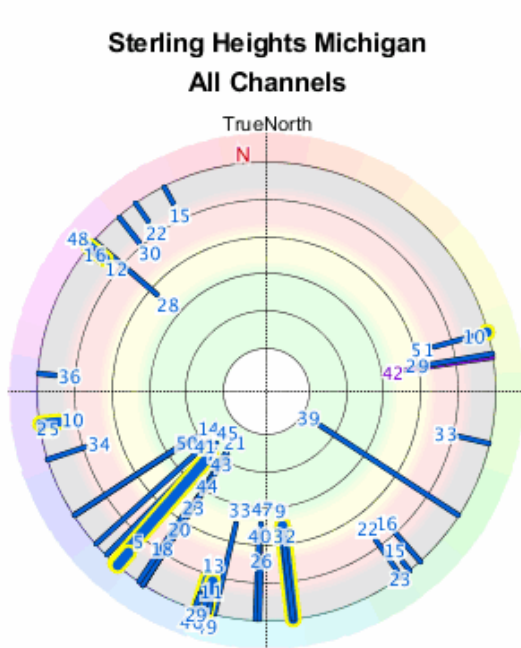
These reports show what should be on the air now according to the latest FCC database.

Pending* applications included: ☐ All channels ([save image](#))
☐ Only Digital ([save image](#))
☐ Only Analog ([save image](#))

*These are speculative reports that include pending applications filed with the FCC. This lets you see the effect of planned upcoming transmitter changes, but note that things may change by the time the FCC finishes processing these applications.

HINT: You can see additional details about each transmitter by clicking on them in the table below.

If you notice any errors or omissions in the database, please report them [HERE](#) so that they can be corrected in future runs.



Search Criteria

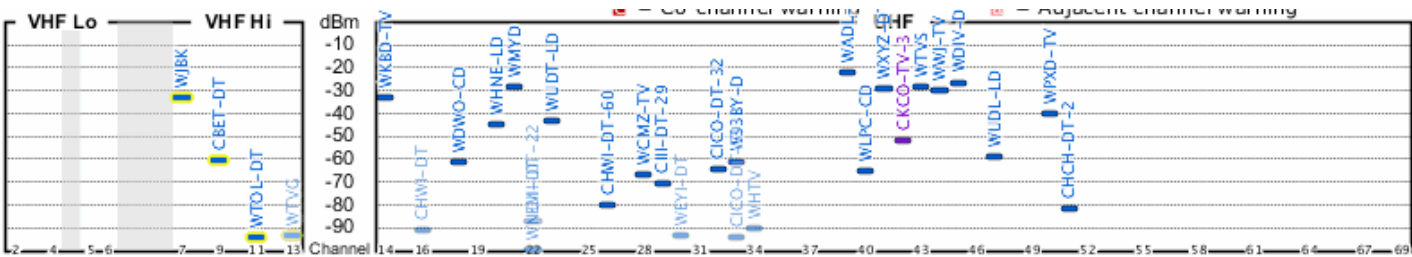
Address: exact
 Sterling Heights, MI
 Postal code 48314
 Height: 15.0 ft.

db datecode
 201601041148

www.tvfool.com

Call sign	Real	(Virt)	Netwk	NM(dB)	Pwr(dBm)	Path	Dist miles	True Azimuth (Mag)
WADL-DT	39	(38.1)	Ind	69.0	-21.9	LOS	8.4	123° (130°)
WDIV-DT	45	(4.1)	NBC	64.5	-26.3	LOS	13.2	224° (232°)
WMYD	21	(20.1)	MyN	62.8	-28.0	LOS	14.0	212° (220°)
WTVS	43	(56.1)	PBS	62.5	-28.4	LOS	14.1	212° (220°)
WXYZ-DT	41	(7.1)	ABC	61.7	-29.1	LOS	15.4	228° (236°)
WWJ-TV	44		CBS	60.9	-29.9	LOS	14.0	212° (220°)
WKBD-TV	14		CW	57.9	-33.0	LOS	17.4	237° (245°)
WJBK	7	(2.1)	Fox	57.8	-33.0	LOS	14.6	221° (229°)
WPXD-TV	50		ION	50.5	-40.3	LOS	17.4	237° (245°)
WUDT-LD	23		Day	47.9	-43.0	LOS	14.1	212° (220°)
WHNE-LD	20			46.2	-44.6	LOS	14.0	212° (220°)
WUDL-LD	47	(47.1)		31.8	-59.0	LOS	20.1	182° (190°)
CBET-DT	9	(9.1)	CBC	30.6	-60.3	LOS	32.4	173° (181°)
W33BY-D	33			30.0	-60.9	LOS	15.0	193° (201°)
WDWO-CD	18	(18.1)	TCT	29.3	-61.6	LOS	20.1	214° (221°)
CKCO-TV*	42		CTV	27.2	-51.6	LOS	45.8	81° (89°)
CICO-DT*	32	(32.1)		26.5	-64.4	LOS	32.4	173° (181°)
WLPC-CD	40			25.9	-64.9	LOS	19.9	183° (191°)
WCMZ-TV	28	(28.1)	PBS	24.5	-66.4	1Edge	29.4	311° (319°)
CIII-DT*	29	(29.1)		20.3	-70.5	1Edge	44.3	81° (88°)
CHWI-DT*	26	(26.1)	A	11.1	-79.8	LOS	21.0	182° (190°)
CHCH-DT*	51	(51.1)		9.0	-81.8	1Edge	61.3	75° (83°)
CIII-DT*	22	(22.1)	GTN	3.7	-87.1	2Edge	47.5	144° (152°)
WHTV	34		MyN	0.7	-90.1	2Edge	56.0	253° (260°)
CHWI-DT	16	(16.1)	A	-0.3	-91.1	2Edge	44.3	138° (146°)
WEYI-DT	30	(25.1)	NBC	-2.4	-93.2	2Edge	54.3	320° (327°)
WTVG	13	(13.1)	ABC	-2.6	-93.4	2Edge	67.6	197° (205°)
CICO-DT*	33	(33.1)	TVO	-3.4	-94.2	2Edge	49.5	103° (111°)
WTOL-DT	11	(11.1)	CBS	-3.4	-94.3	2Edge	67.8	196° (203°)
WNEM-DT	22	(5.1)	CBS	-9.0	-99.8	2Edge	71.9	325° (333°)
WJRT-TV	12	(12.1)	ABC	-9.4	-100.3	2Edge	67.3	309° (317°)
WDCQ-TV	15	(35.1)	PBS	-10.4	-101.2	2Edge	71.3	333° (341°)
WILX-TV	10	(10.1)	NBC	-10.5	-101.3	2Edge	79.9	262° (269°)
WSMH	16	(66.1)	Fox	-10.6	-101.5	2Edge	67.7	308° (316°)
WGTE-DT	29	(30.1)	PBS	-10.9	-101.7	2Edge	69.6	198° (205°)
WLMB-DT	5	(40.1)	Ind	-11.1	-101.9	2Edge	79.0	220° (228°)
WLNS-TV	36	(6.1)	CBS	-11.2	-102.0	2Edge	69.0	274° (282°)
WUPW	46	(36.1)	Fox	-11.7	-102.5	2Edge	69.9	198° (206°)
WEWS-TV	15	(5.1)	ABC	-14.3	-105.1	Tropo	109.2	142° (149°)
WNWO-TV	49		NBC	-14.7	-105.5	2Edge	67.9	195° (202°)
WAQP-DT	48	(49.1)	Ind	-17.2	-108.1	2Edge	66.7	309° (317°)
WVPX-TV	23	(23.1)	ION	-17.7	-108.6	Tropo	130.6	145° (152°)
WLAJ	25		ABC	-19.0	-109.8	2Edge	77.7	260° (268°)
CFPL-DT	10	(10.1)	A	-19.9	-110.7	2Edge	92.4	75° (83°)
WDLI-TV	49	(17.1)	Ind	-22.0	-112.9	Tropo	130.8	145° (153°)
WGVK-DT	5	(52.1)	PBS	-23.2	-114.0	Tropo	136.2	262° (269°)
WJW-DT	8	(8.1)	Fox	-23.8	-114.7	Tropo	109.8	142° (149°)
WGGN-DT	42	(52.1)	Ind	-24.1	-115.0	Tropo	110.7	164° (172°)
WBNX-DT	30	(55.1)	CW	-24.2	-115.1	Tropo	109.4	141° (148°)
WLFM-LP	6	(6.1)		-24.3	-115.1	2Edge	109.2	141° (149°)
WQHS-DT	34	(61.1)	Uni	-24.3	-115.2	Tropo	109.2	141° (149°)

■ = Co-channel warning ■ = Adjacent channel warning



The Signal Analysis Report lists the broadcasters in your area, ranked from strongest to weakest, according to 3D propagation modeling of the location and height (optional) that you entered. The background color of each transmitter in the table is color coded as follows:

Background color	Estimated signal strength
Green	An indoor "set-top" antenna is probably sufficient to pick up these channels
Yellow	An attic-mounted antenna is probably needed to pick up channels at this level and above
Red	A roof-mounted antenna is probably needed to pick up channels at this level and above
Grey	These channels are very weak and will most likely require extreme measures to try and pick them up

Please understand that this is a simulation and can only be treated as a rough approximation. Reception at your location is affected by many factors such as multipath, antenna gain, receiver sensitivity, buildings, and trees - which are *not* taken into account. Your mileage may vary.

For additional details, go [here](#).

To start over, [click here](#).