This is how the flavor text is meant to be read:

"The frequencies of these events don't matter" - disregard the radio frequency (AM/FM) of the station

"only the location of the signals" - the place (station) where the signals are coming from are important

"Marconi would be rolling in his grave by now" - Marconi was the inventor of the radio

Table is a list of radio stations (all but one are NPR, incidentally) -- assign them each a number (top one = 1, one below that = 2, etc.)

Series of numbers below that is the order in which you should plot them on a map

Los Angeles, CA; San Diego, CA; Phoenix, AZ; Las Vegas, NV; Reno, NV; Boise, ID; Salt Lake City, UT; Laramie, WY; Omaha, NE; Lowry, SD; Oklahoma City, OK; Little Rock, AR; Marquette, MI; Atlanta, GA; Elkhart, IN; Iowa City, IA; Toledo, OH; Macon, GA; Detroit, MI; Erie, PA; Pittsburgh, PA; Wheeling, WV; Columbus, OH; Roanoke, VA; Raleigh, NC; Morgantown, WV; Charlottesville, VA; Richmond, VA; Atlantic City, NJ; Scranton, PA; Rochester, NY; Montpelier, VT; Concord, NH; Exeter, NH.

Once you plot them, connect the dots to get an answer of STARS.