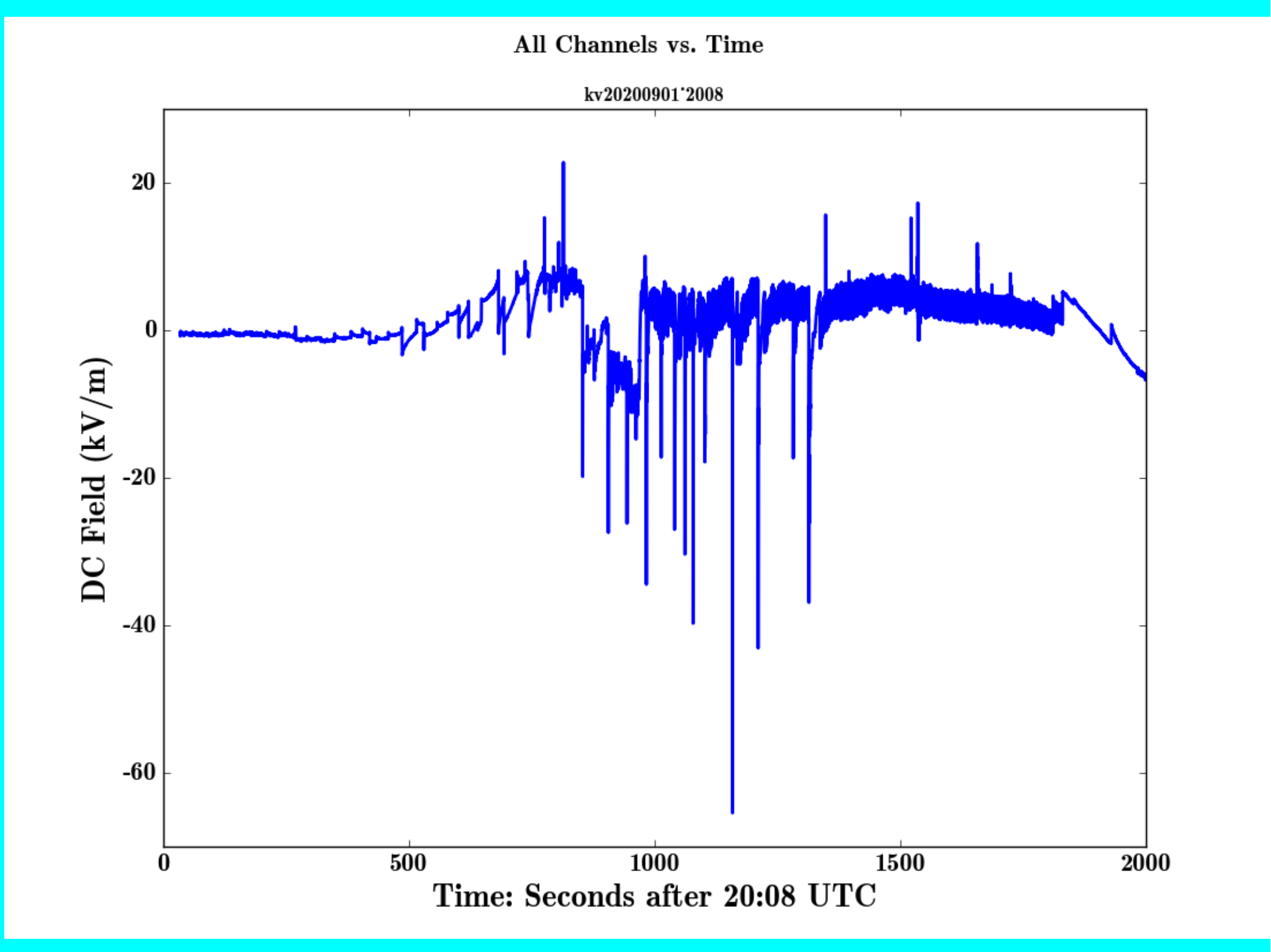
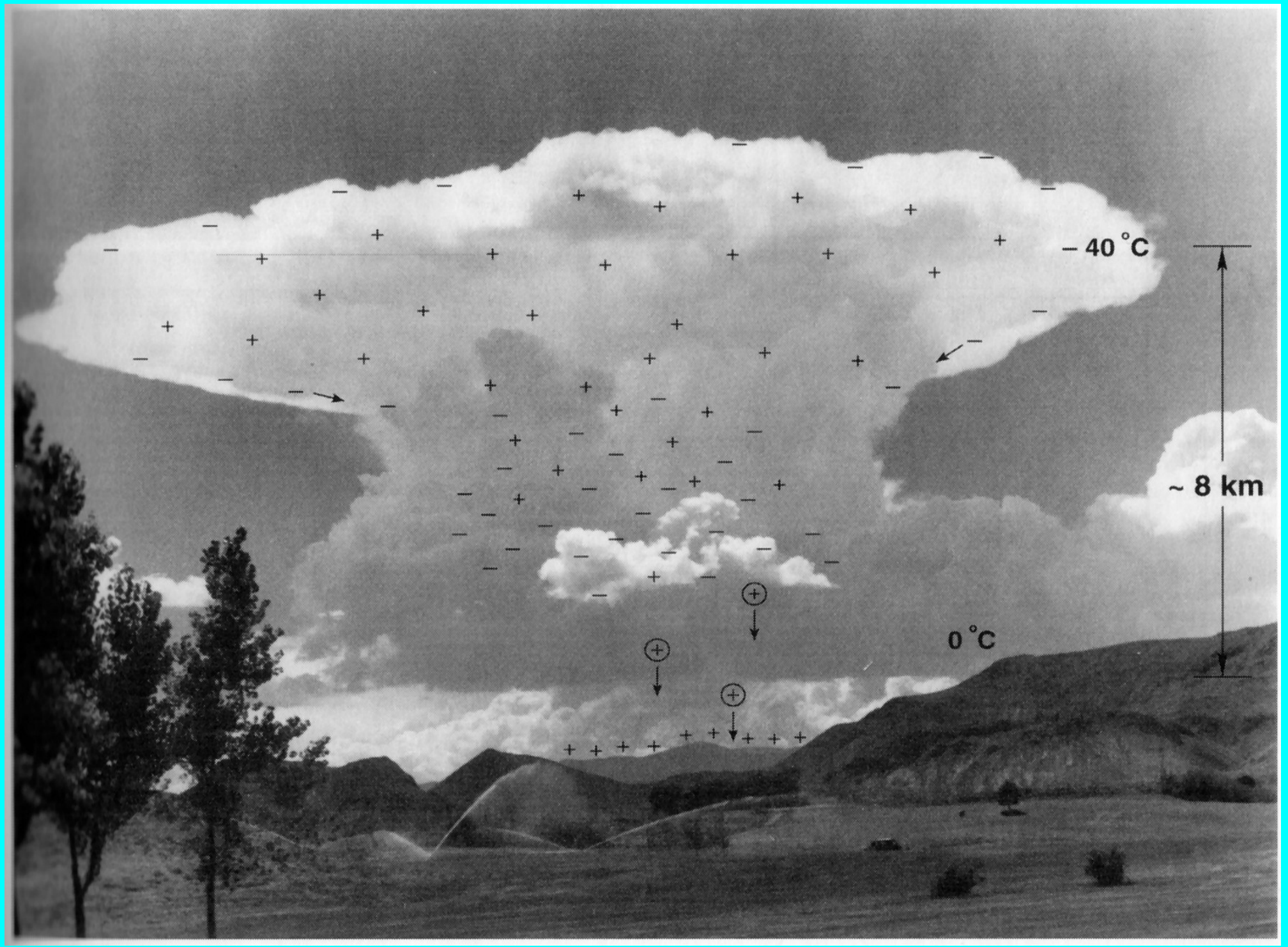
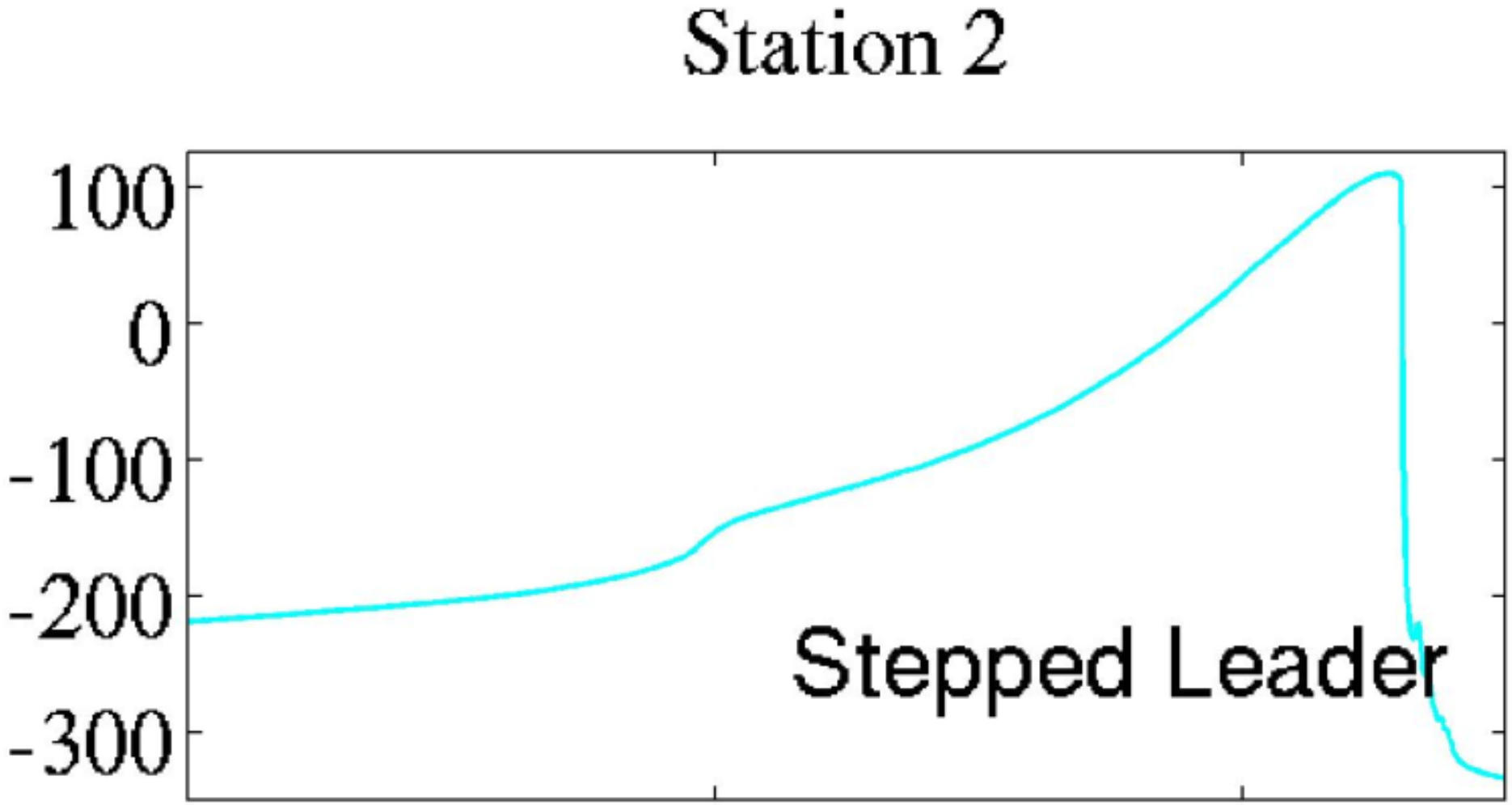
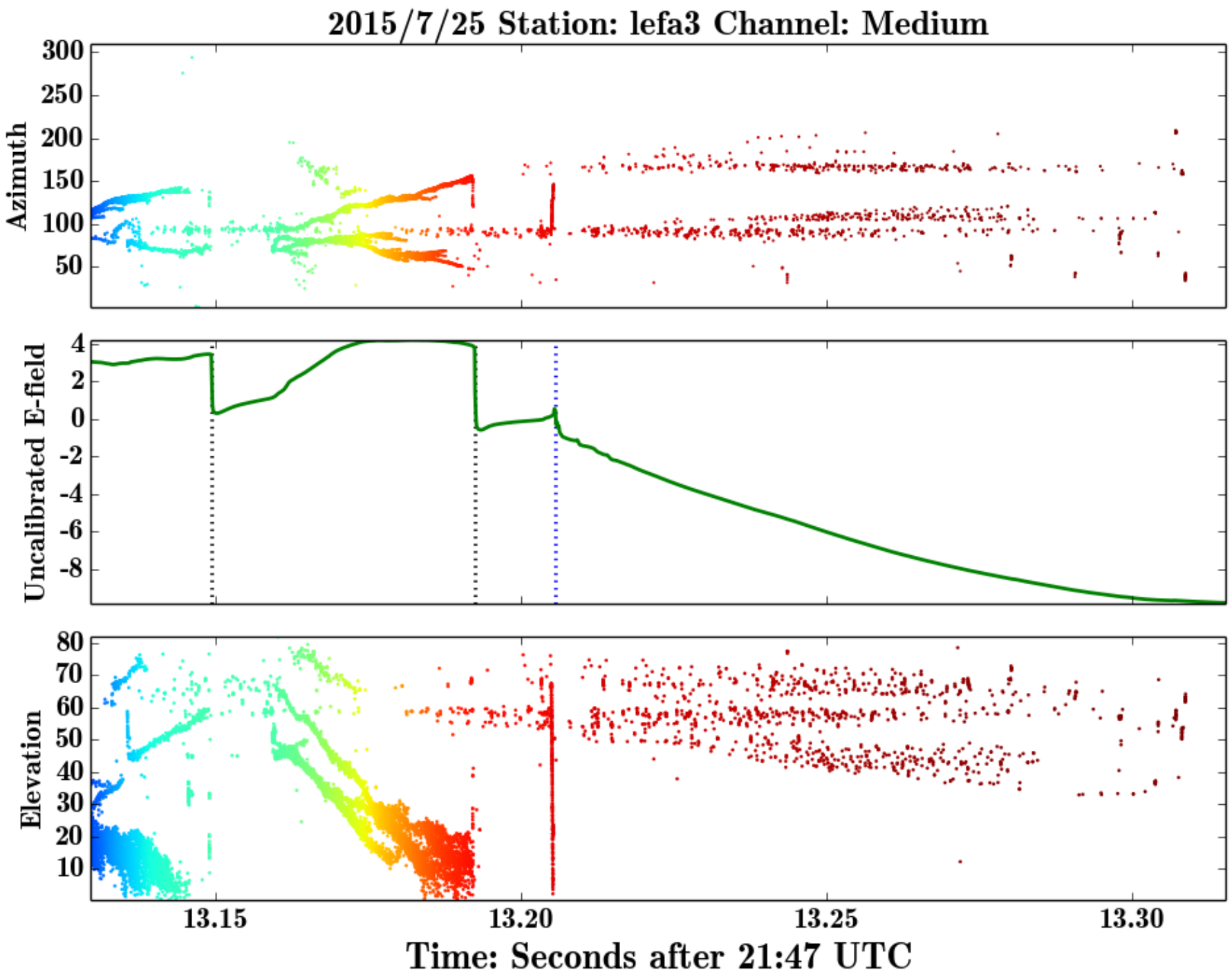

All Channels vs. Time
kv20200901˙2008
20
0
-20
-40
-60
DC Field (kV/m)
0
500
1000
1500
2000
Time: Seconds after 20:08 UTC


– 40 °C
~ 8 km
0 °C


Station 2
100
0
-100
-200
-300
Stepped Leader


2015/7/25 Station: lefa3 Channel: Medium
Azimuth
300
250
200
150
100
50
Uncalibrated E-field
4
2
0
-2
-4
-6
-8
Elevation
80
70
60
50
40
30
20
10
13.15
13.20
13.25
13.30
Time: Seconds after 21:47 UTC

Charges +q and -q are arranged symmetrically above and below the x-axis.

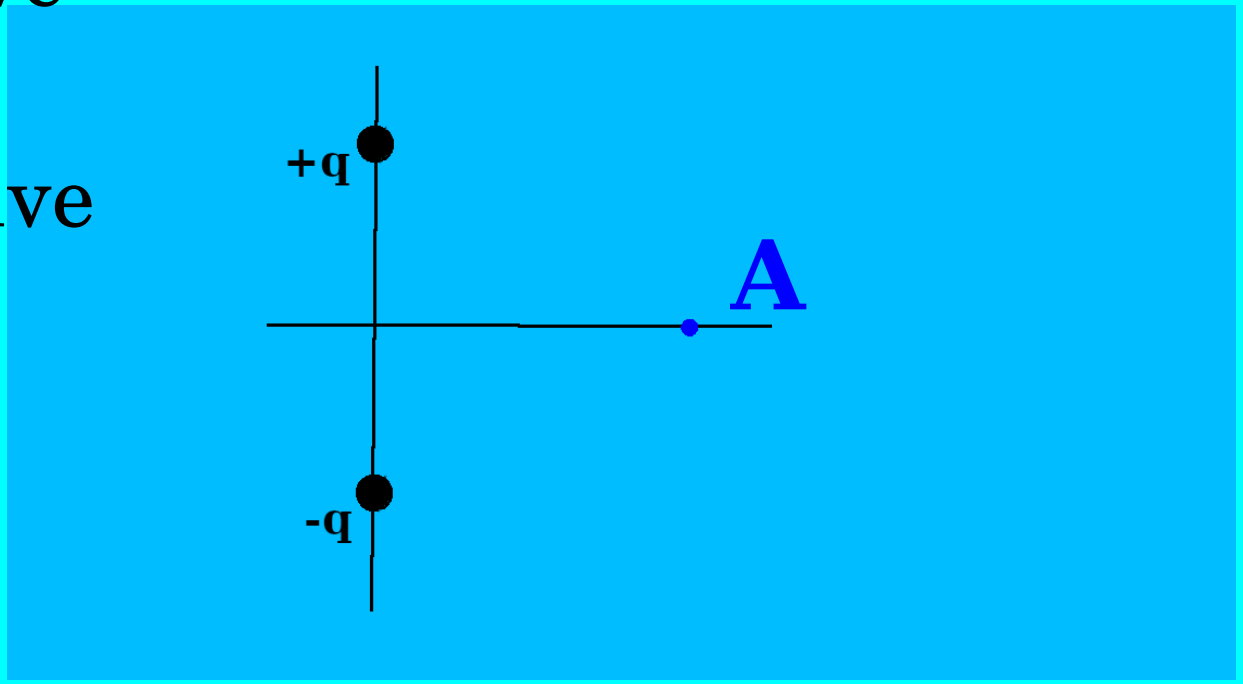
What is the potential at point A?

A) Some positive number

B) Some negative number

C) Zero

D) Undefined



4 charges, q, are arranged in a regular pentagon. **What is the potential (w.r.t. to infinity) at the center?**

A) Zero.

B) $V = \frac{-1}{4\pi\epsilon_0}\frac{q}{a^2}$

C) $V = \frac{4}{4\pi\epsilon_0}\frac{q}{a^2}$

D) $V = \frac{4}{4\pi\epsilon_0}\frac{q}{a}$