Geological Survey of Canada
Commission géologique du Canada

AIRBORNE GEOPHYSICAL SURVEY

BAIE VERTE PENINSULA AREA
NEWFOUNDLAND

1989

Stacked Profiles
Parts of NTS 2E, 2L, 12H, 12-I

Accompanies Open File 1993

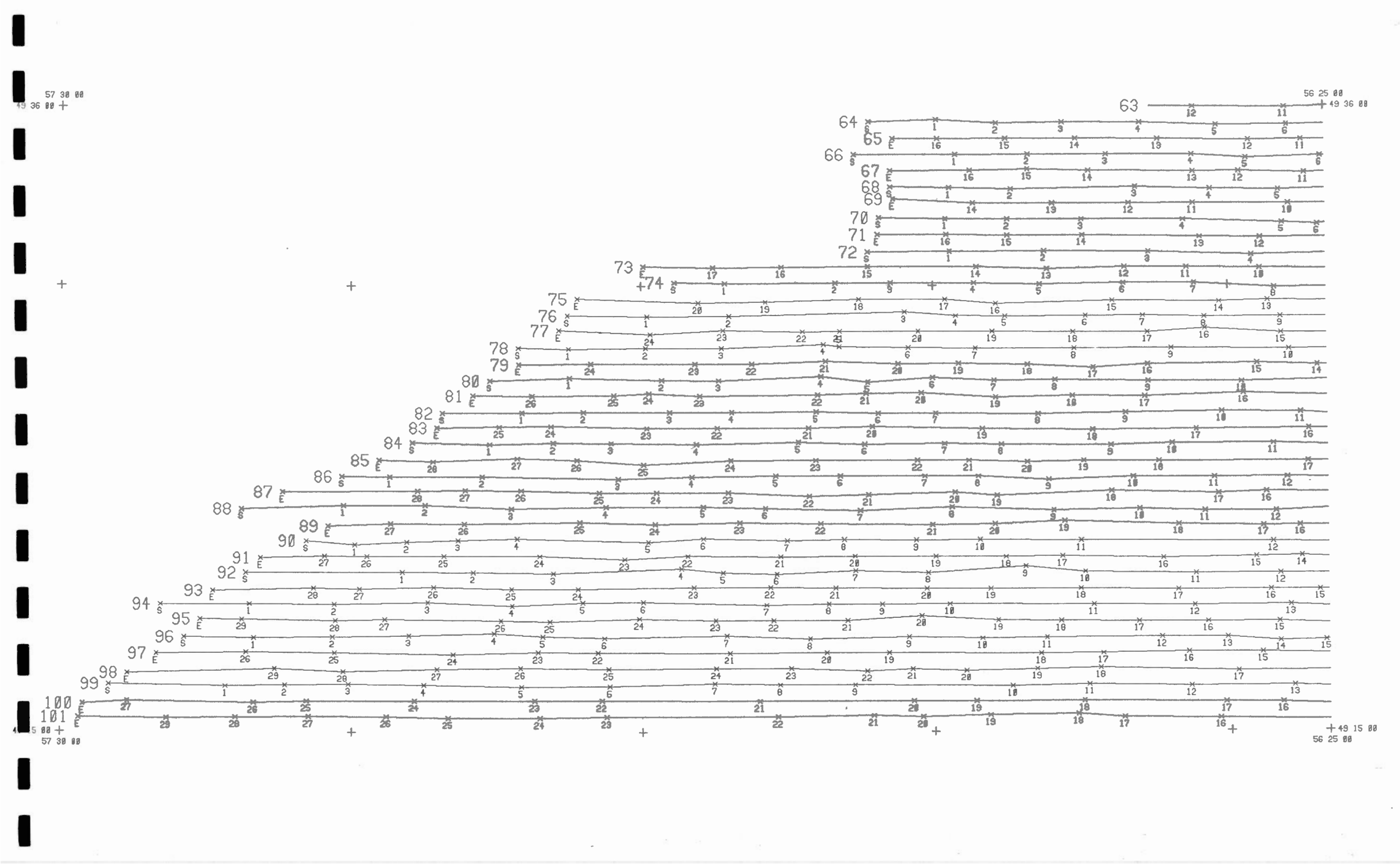
Energy, Mines and Resources Canada
Énergie, Mines et Ressources Canada

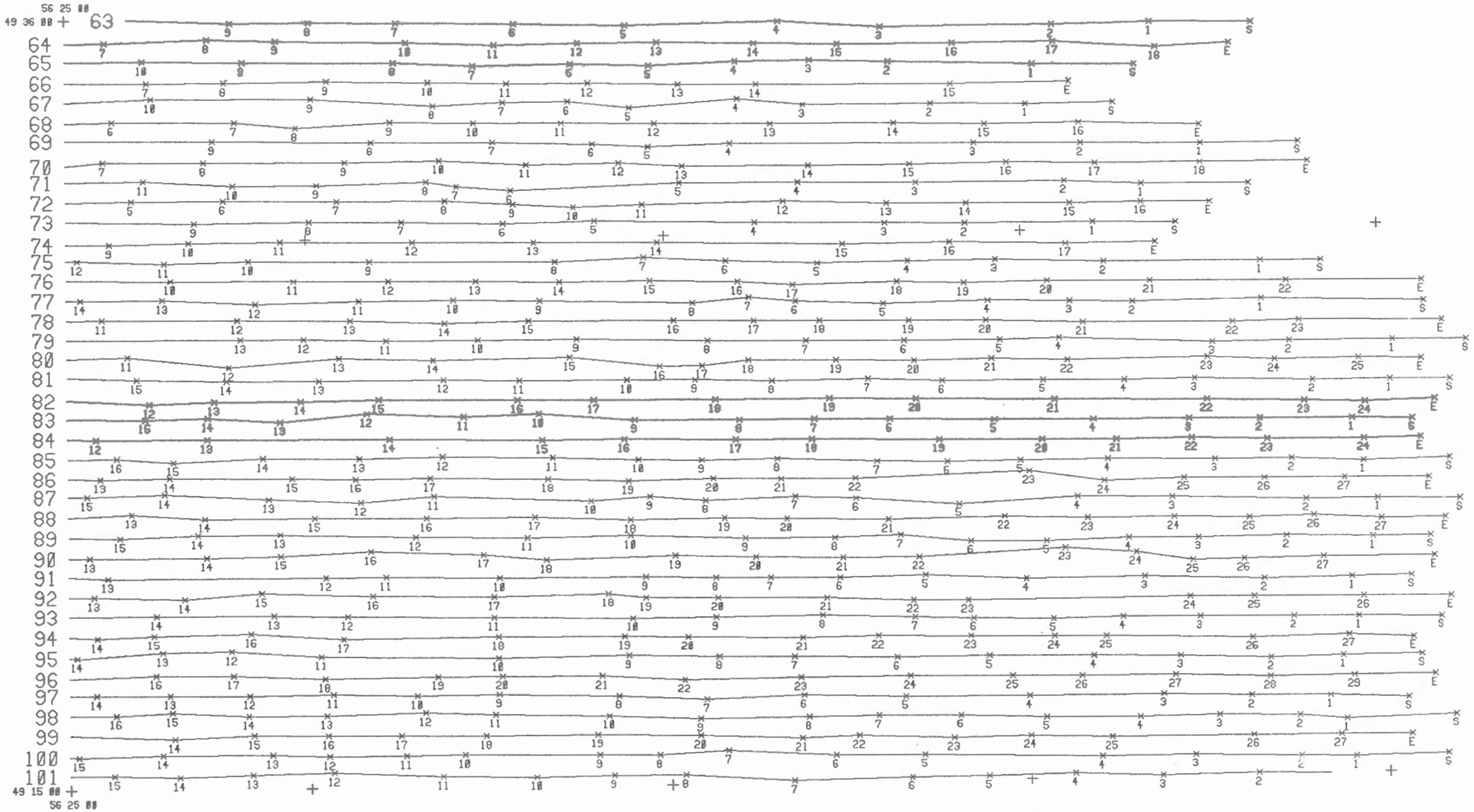
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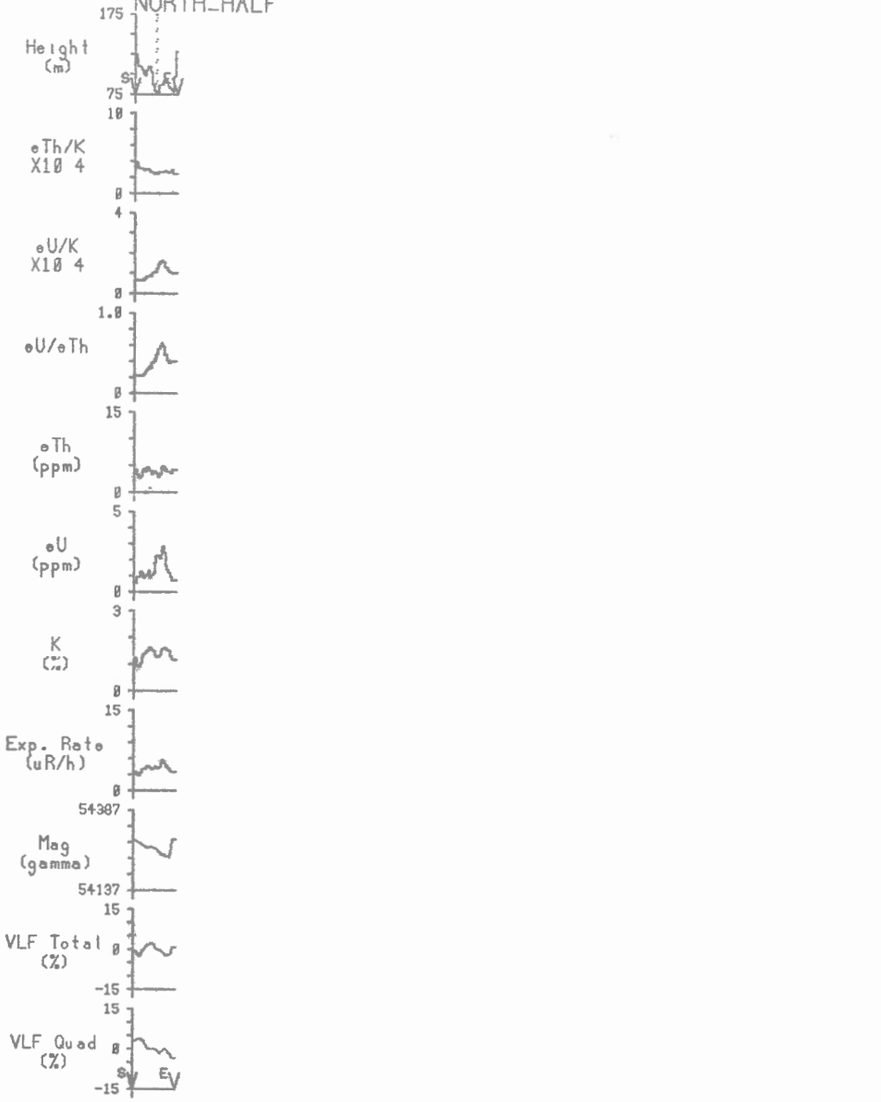
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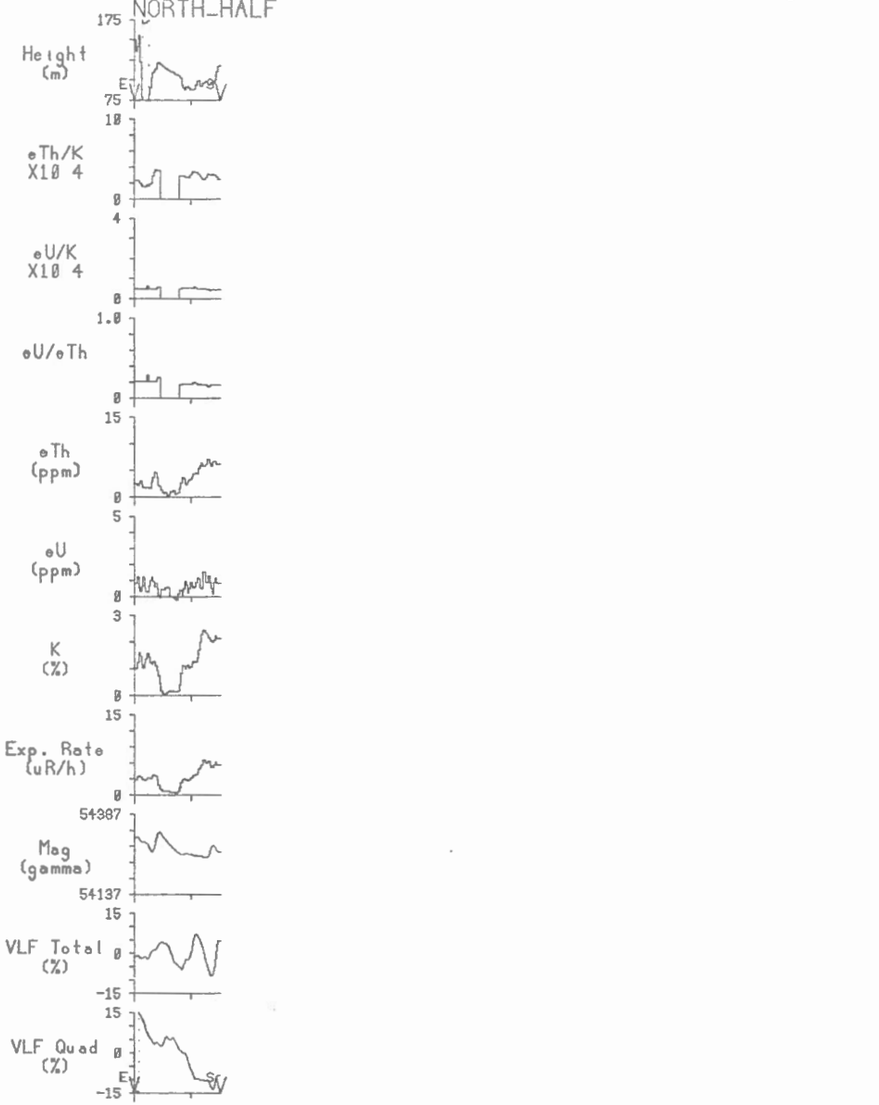

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93
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100
101
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Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF



Line 1 2 km Scale 1:250000

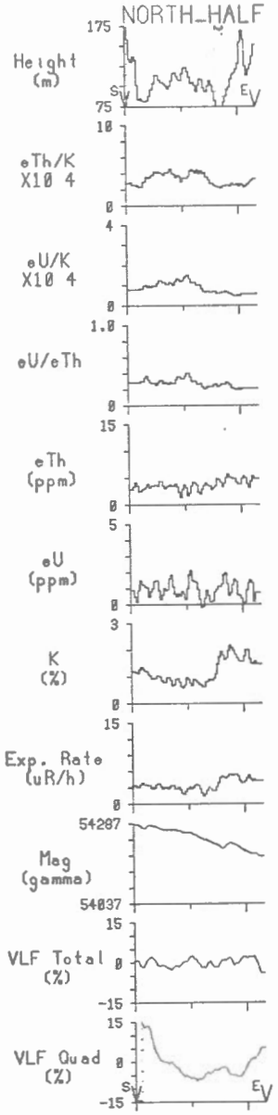
Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF



Line 2 2 km Scale 1:250000

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)

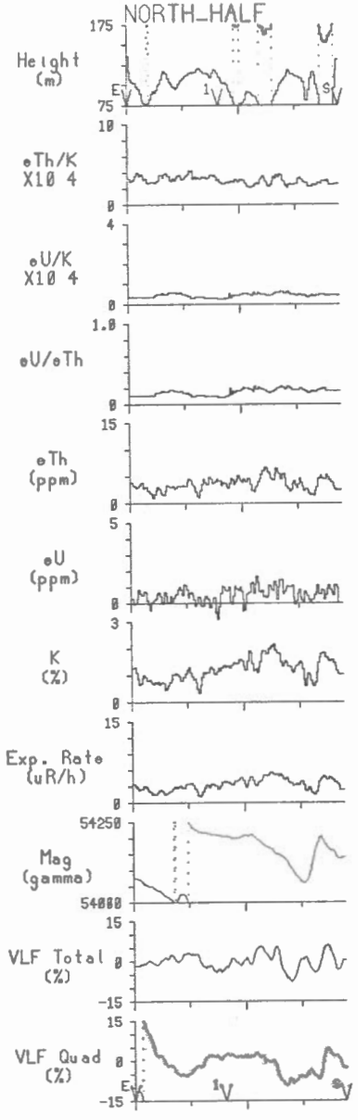
NORTH_HALF



Line 3 2 km Scale 1:250000

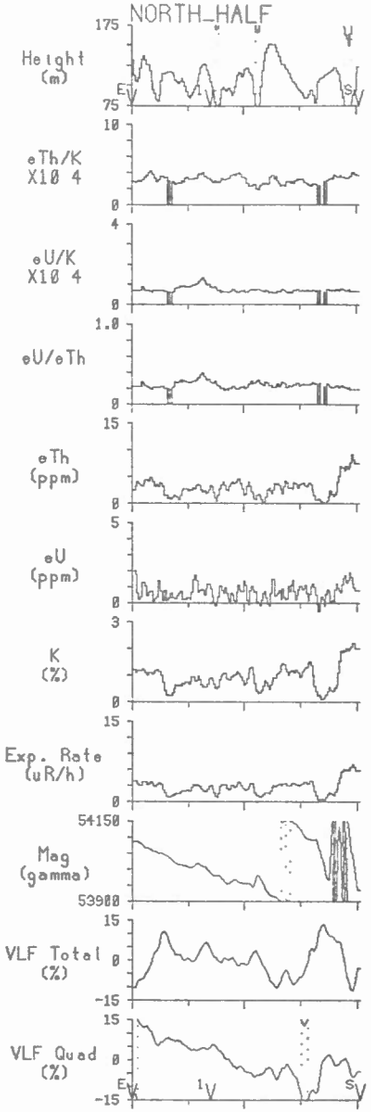
Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)

NORTH_HALF



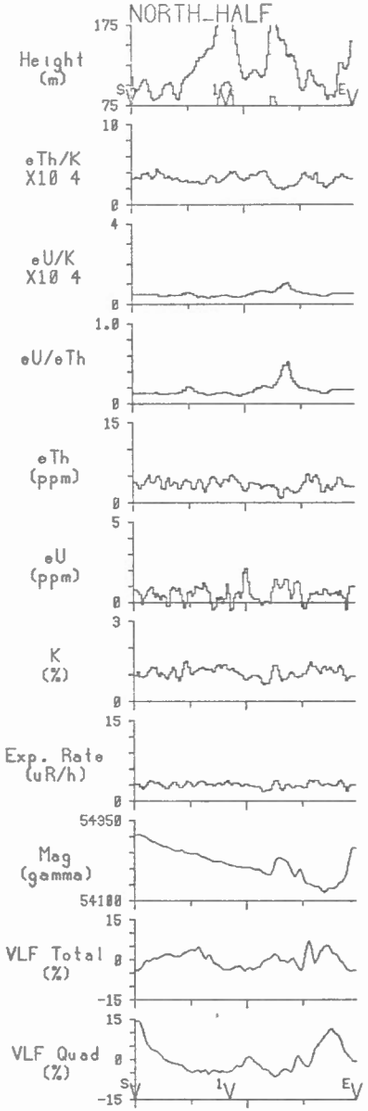
Line 4 2 km Scale 1:250000

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF



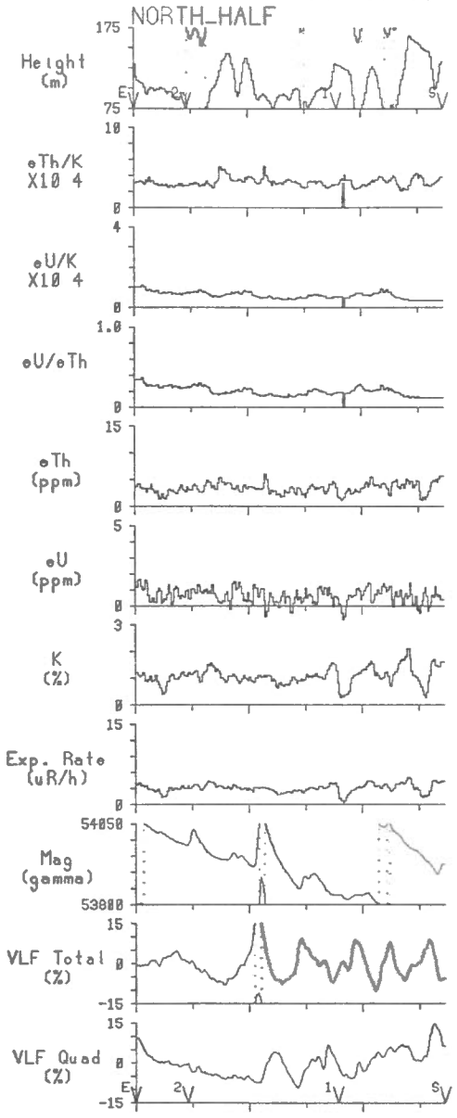
Line 5 2 km Scale 1:250000

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF



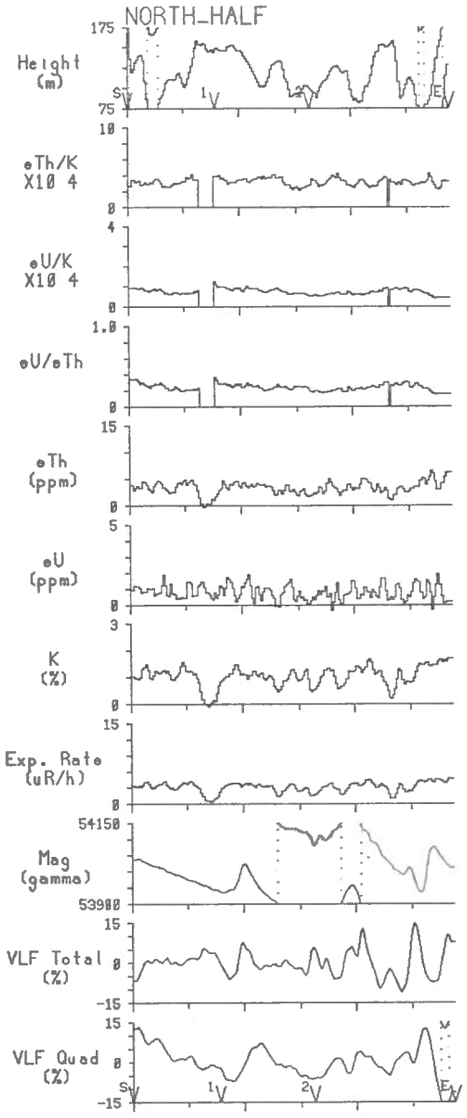
Line 6 2 km Scale 1:250000

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)

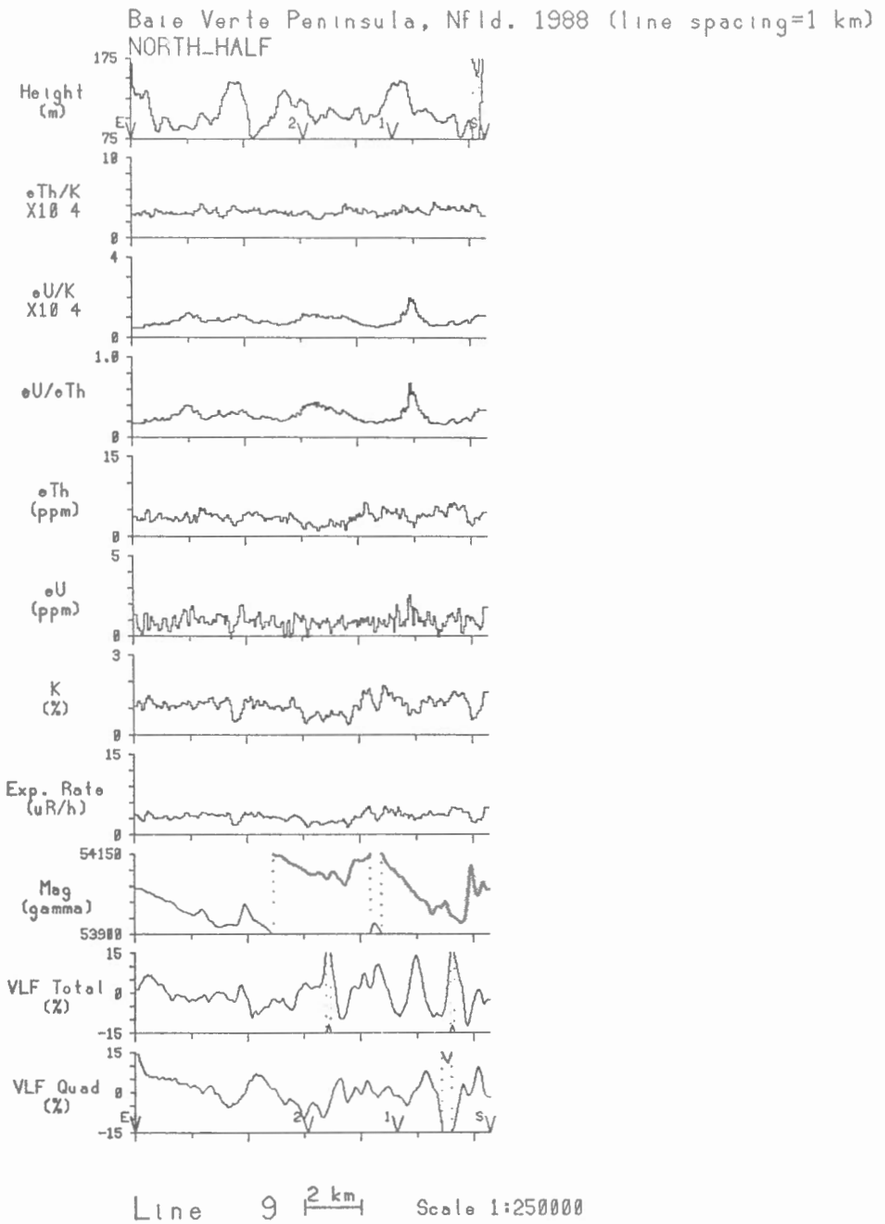


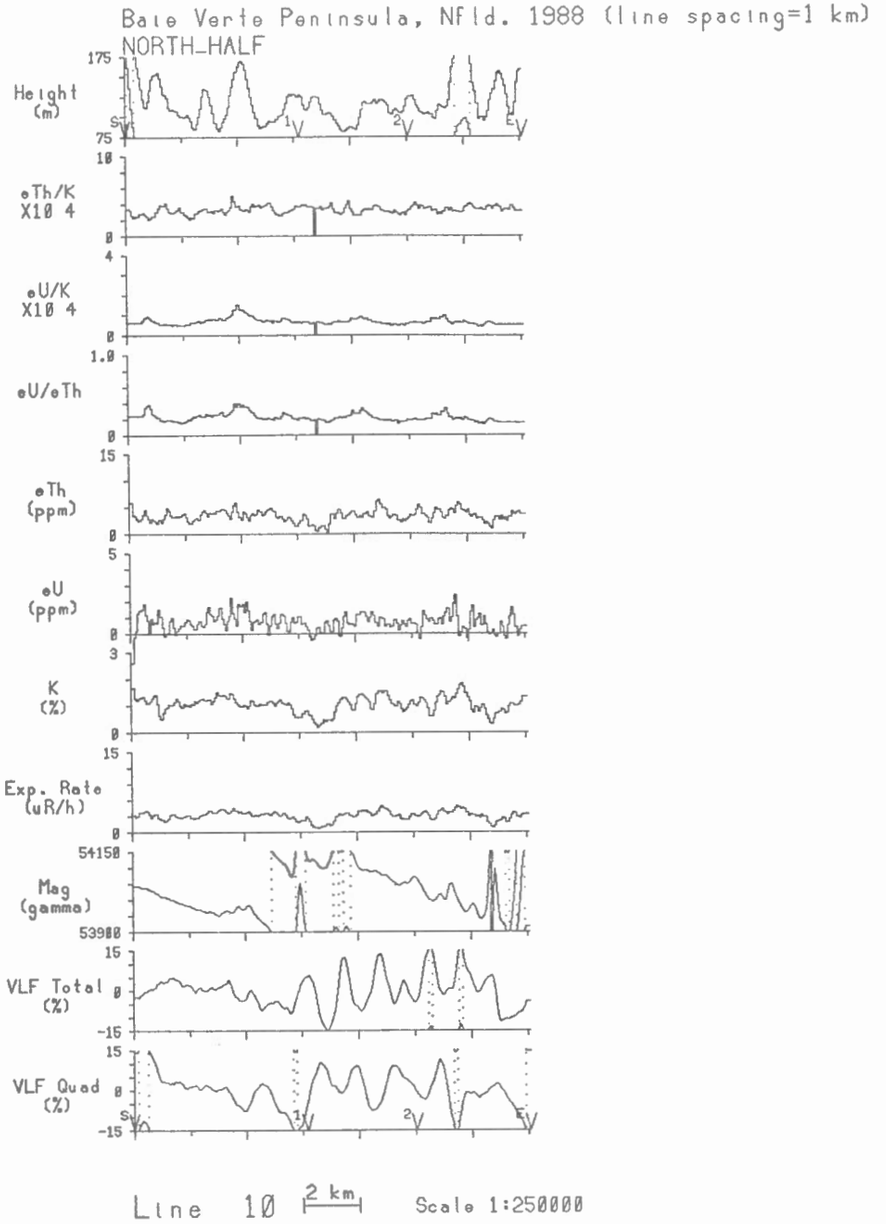
Line 7 2 km Scale 1:250000

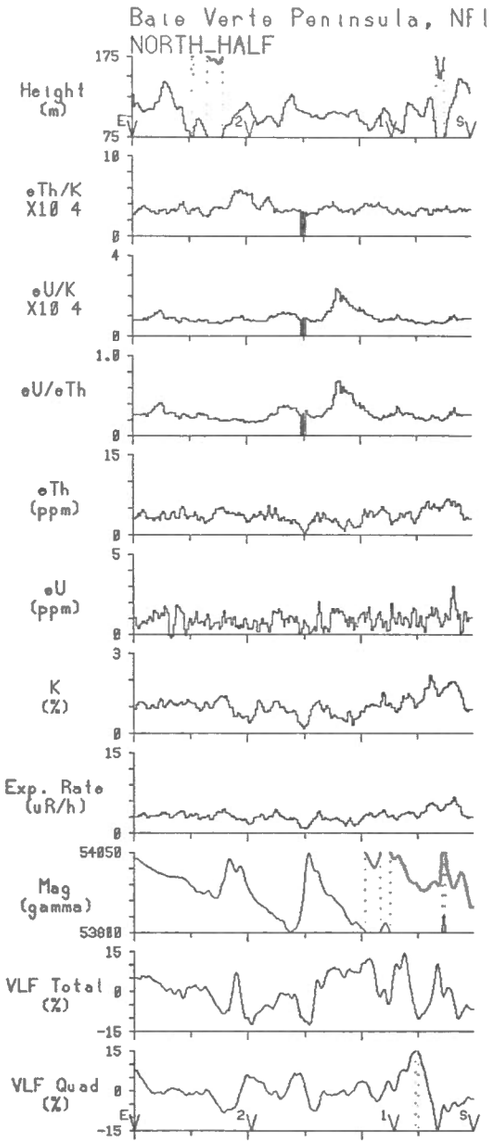
Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)



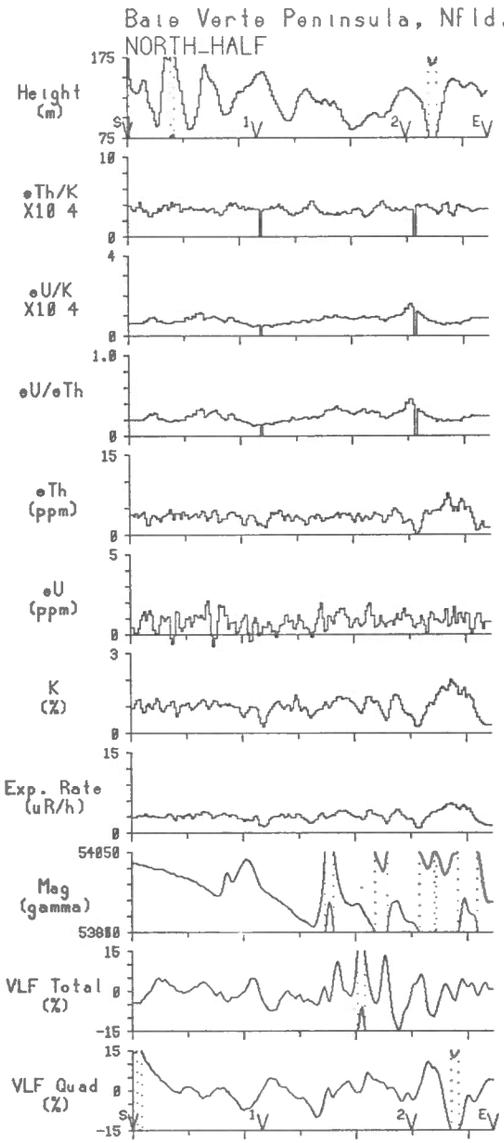
Line 8 2 km Scale 1:250000


Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54150
53980
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
2
1
S
Line 9
2 km
Scale 1:250000

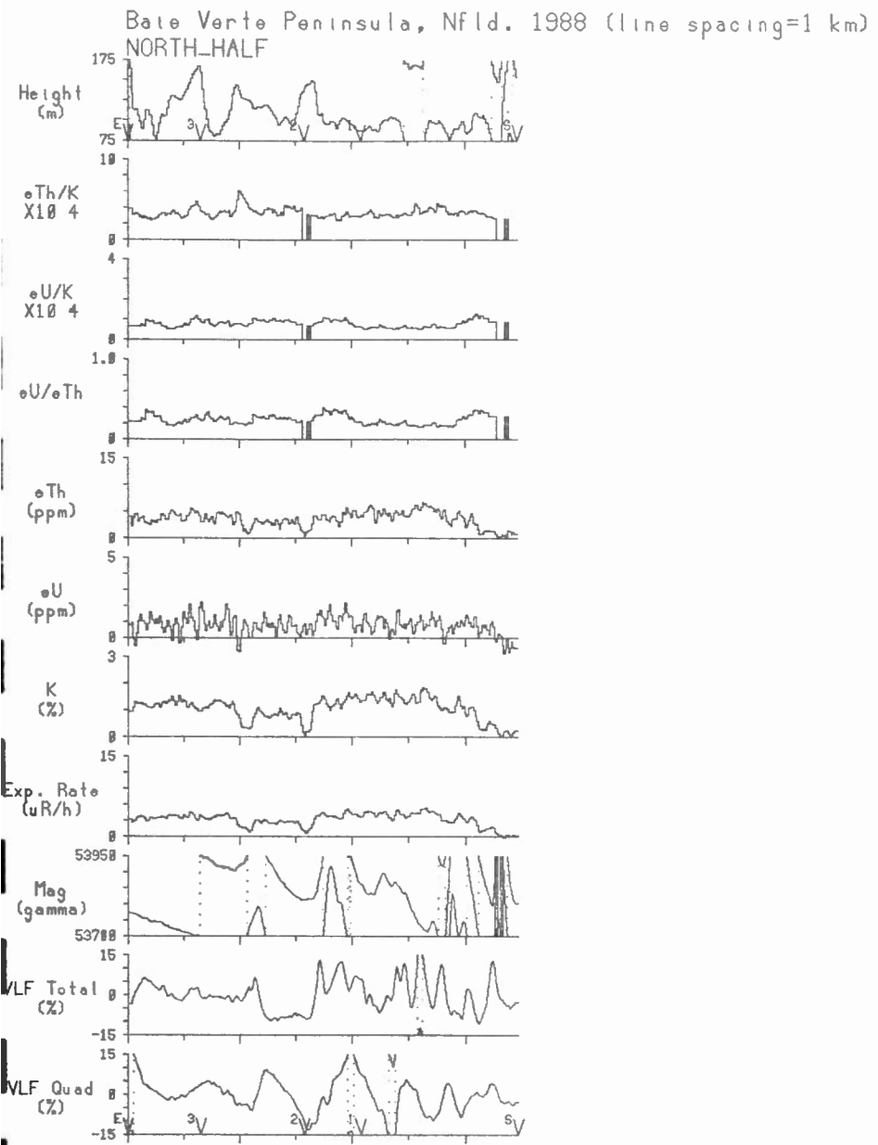

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54150
53980
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
E
Line 10
2 km
Scale 1:250000

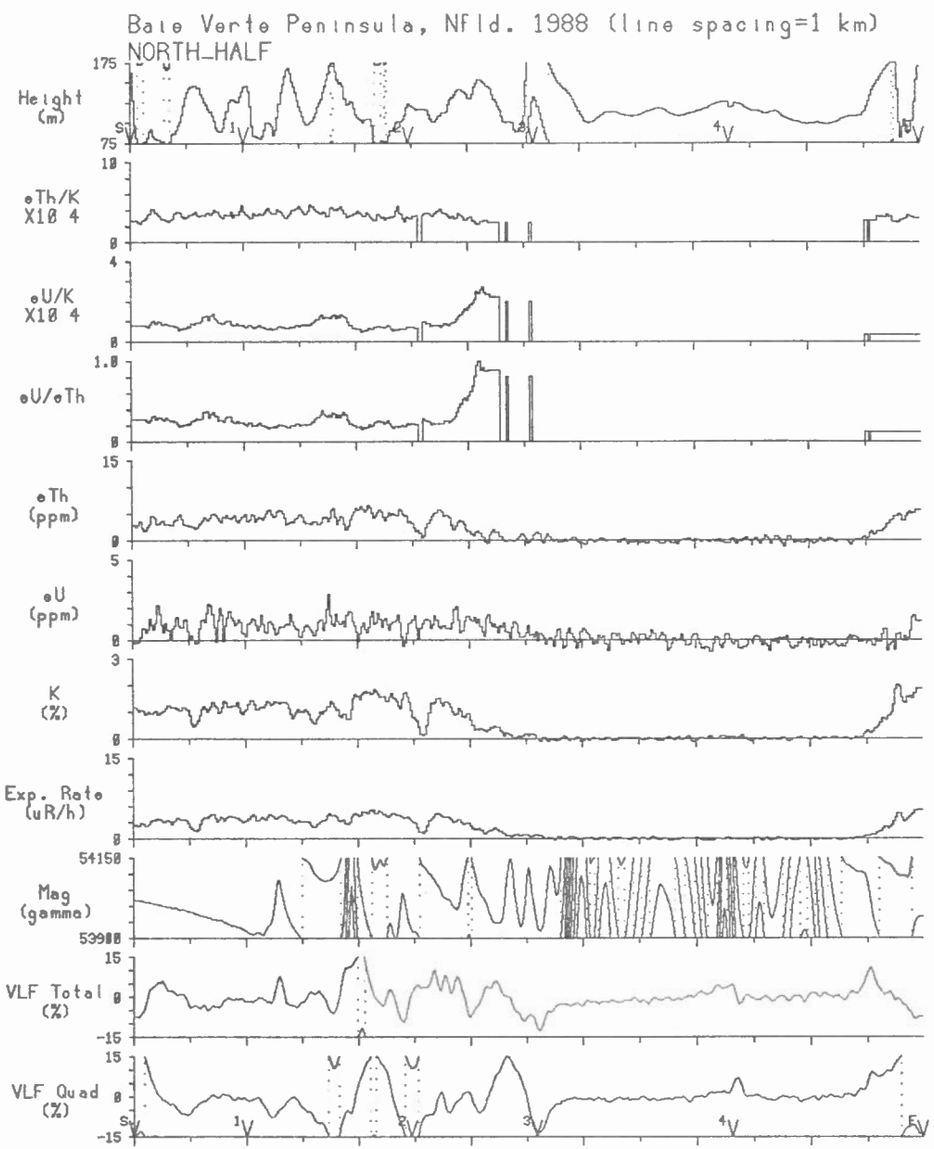


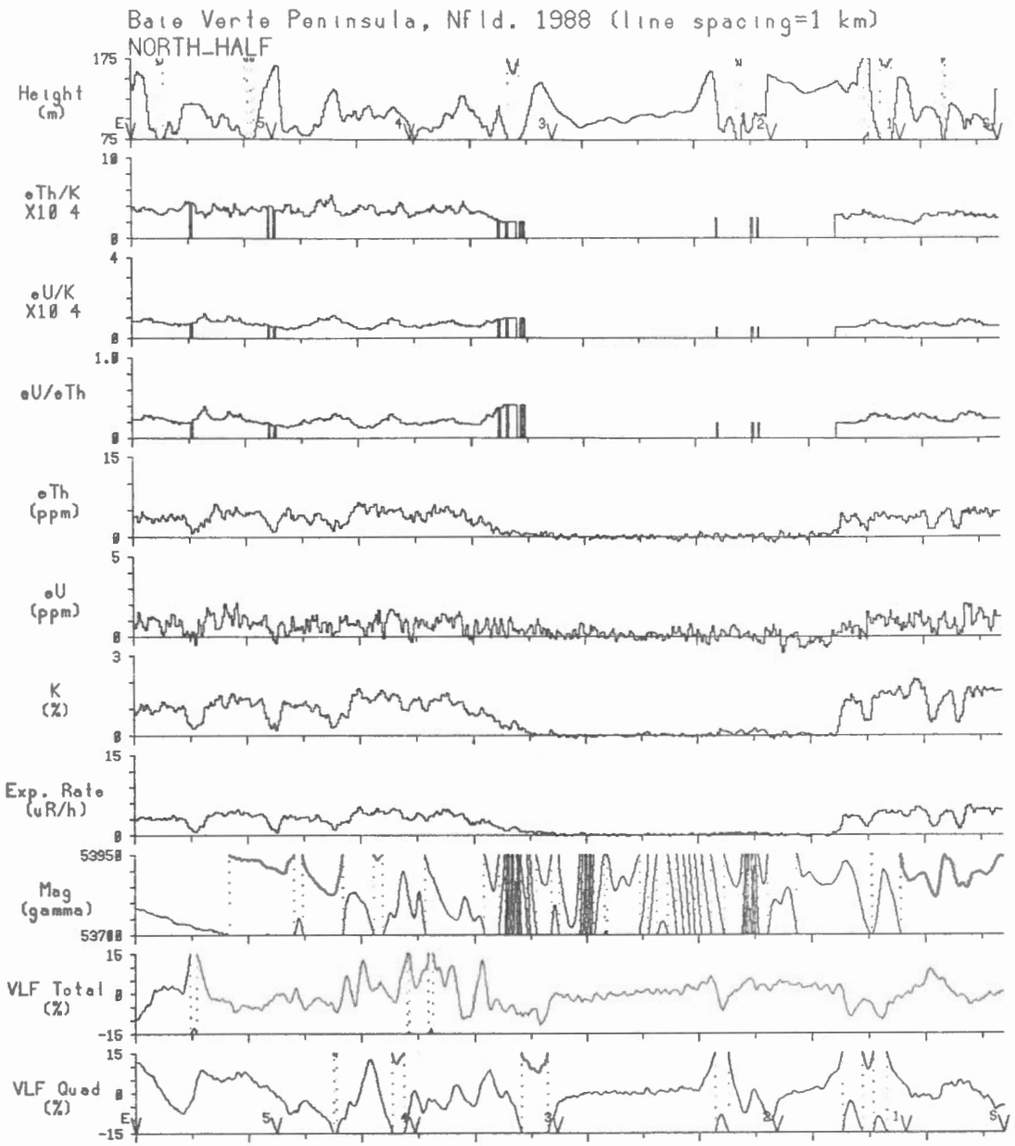
Line 11 2 km Scale 1:250000

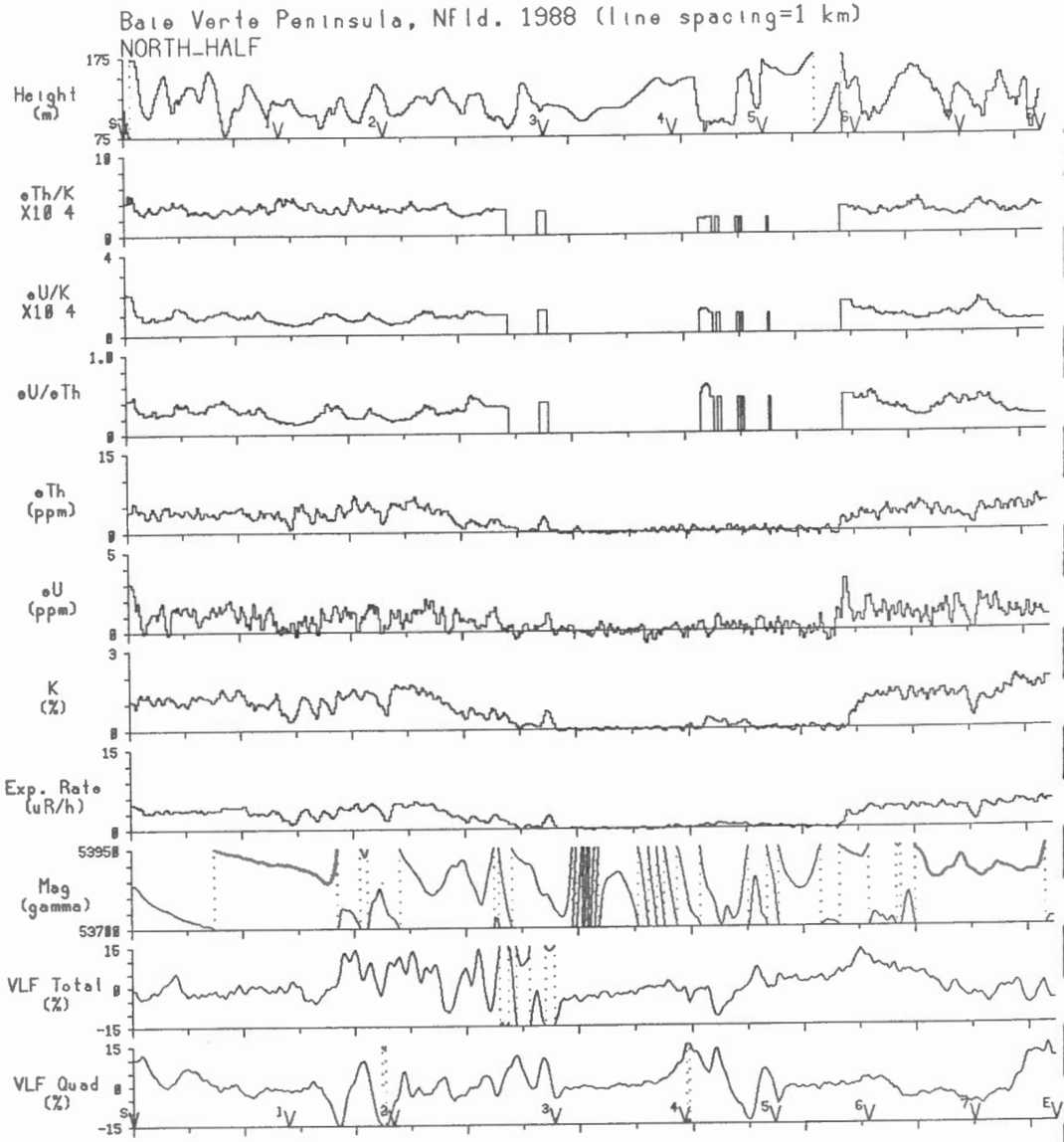


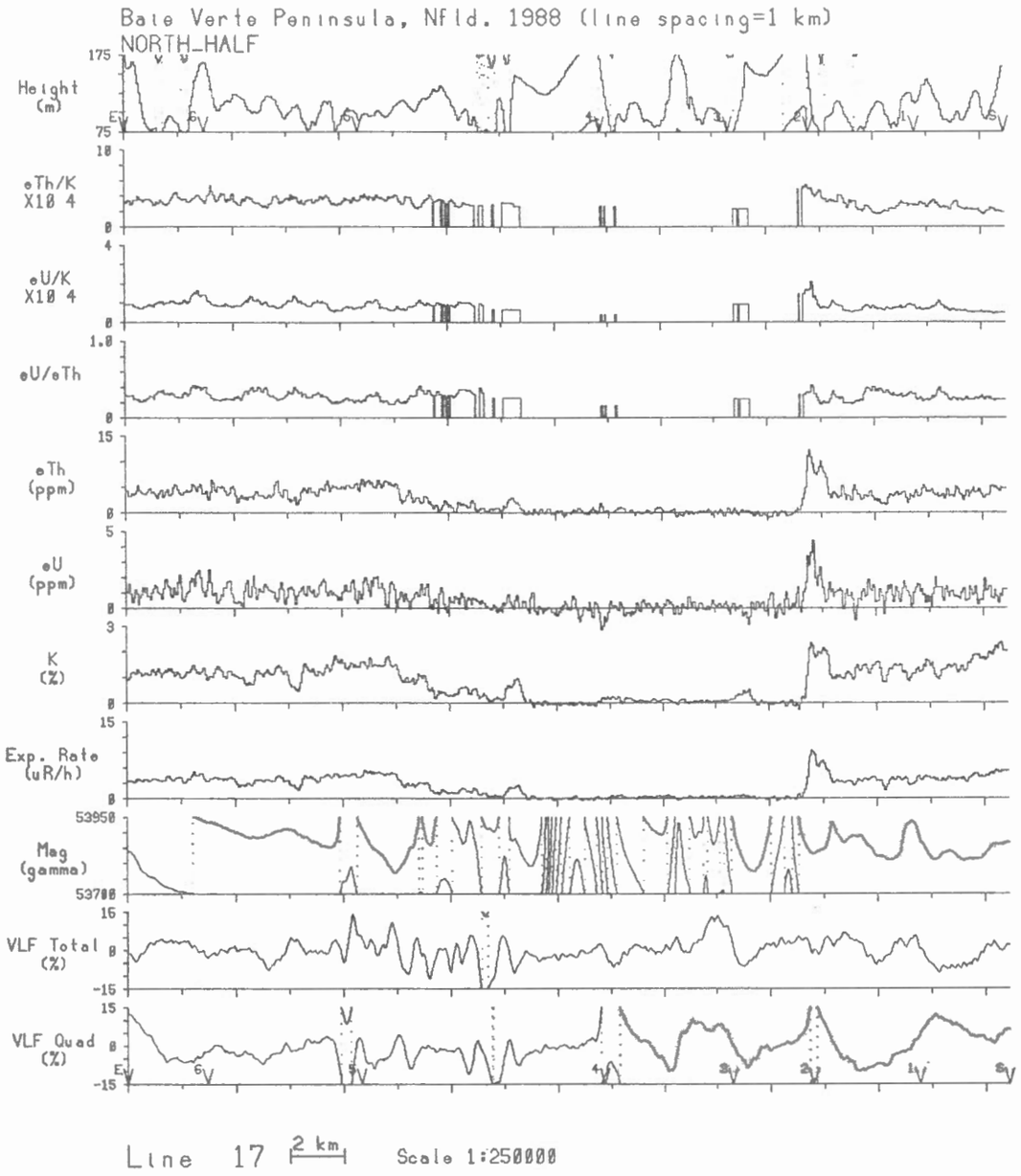
Line 12 2 km Scale 1:250000

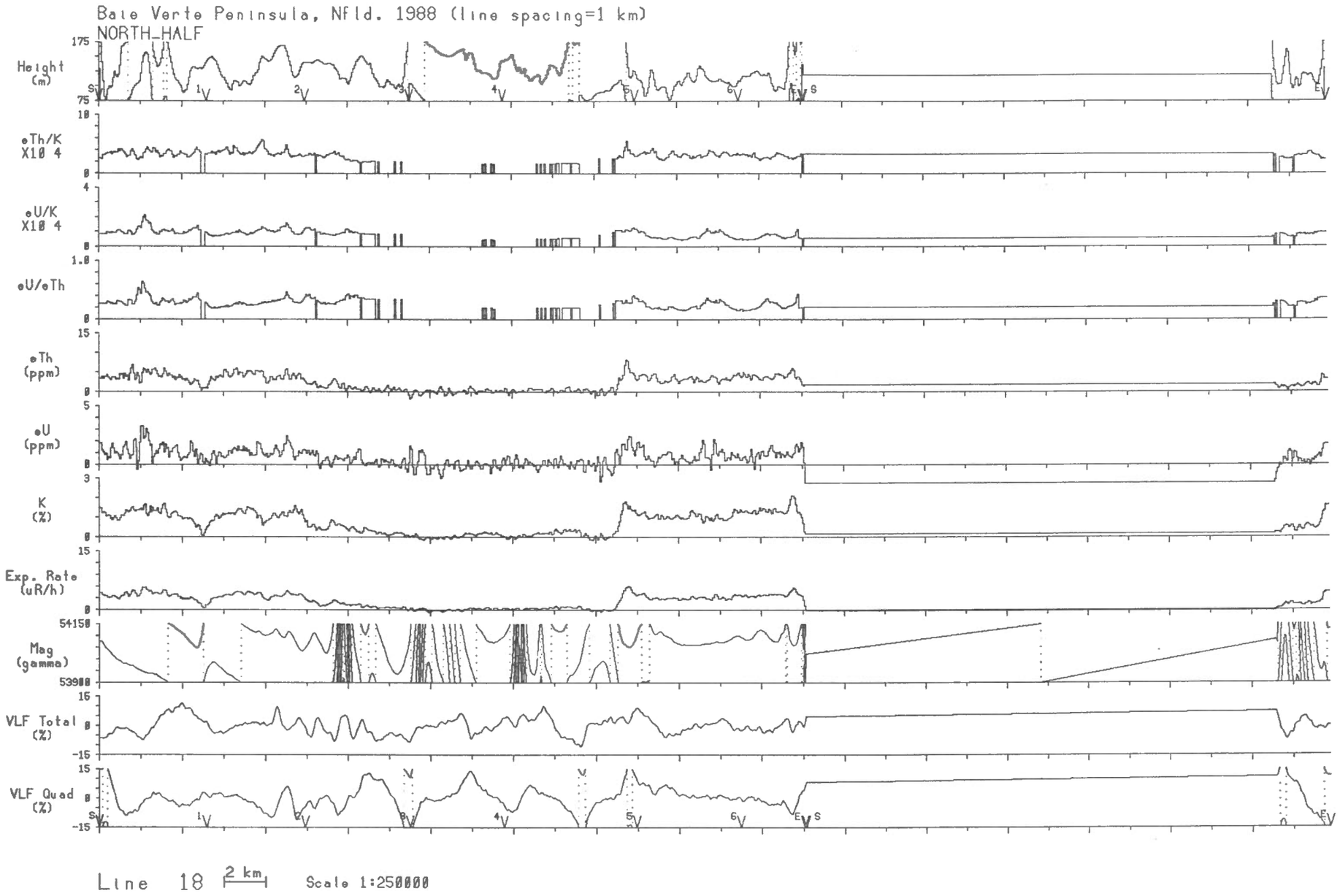

Bale Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
eTh (ppm)
eU (ppm)
K (%)
Exp. Rate (uR/h)
Mag (gamma)
VLF Total (%)
VLF Quad (%)
-15
E
3
2
1
S
Line 13
2 km
Scale 1:250000

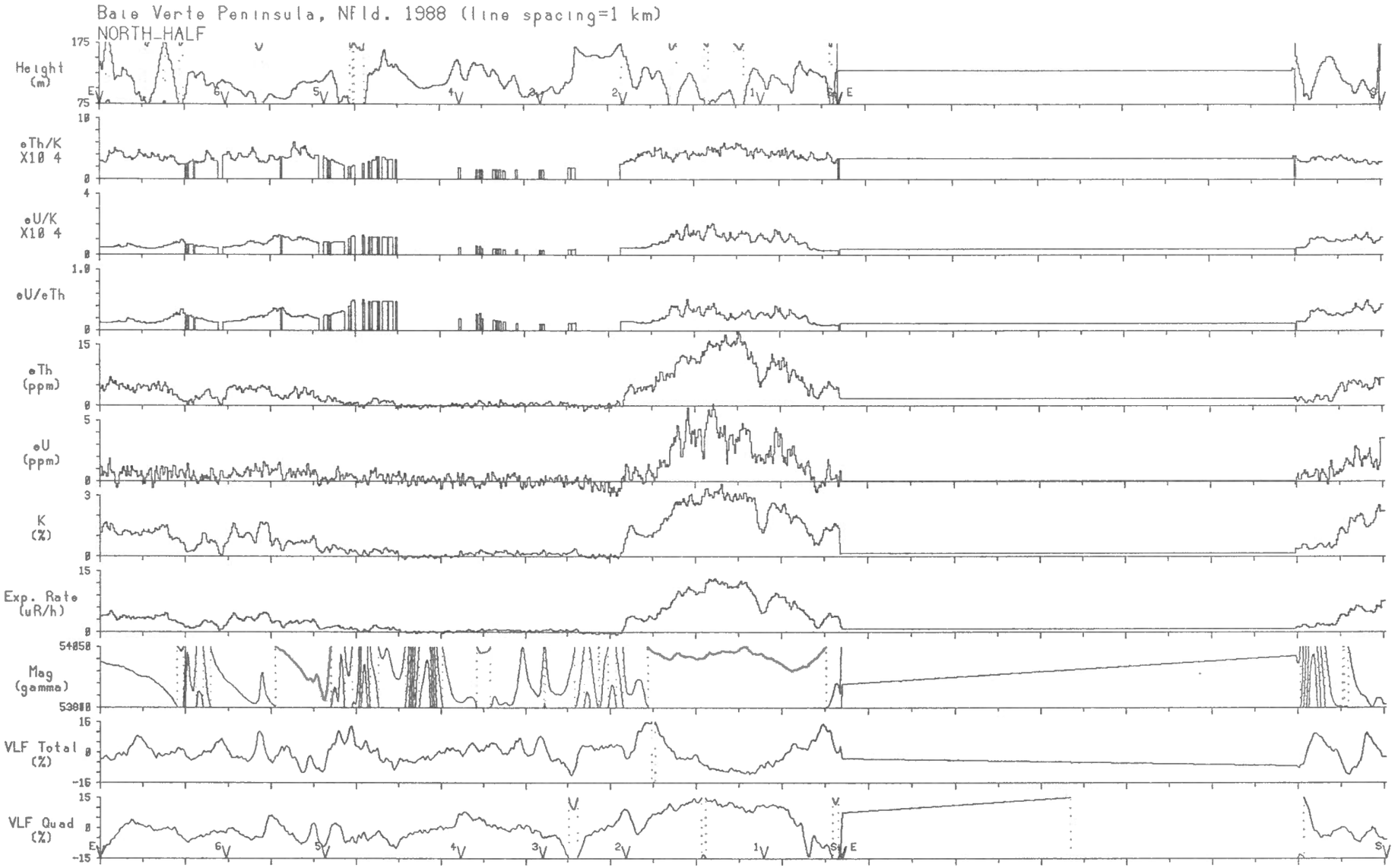

Bale Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
eTh (ppm)
eU (ppm)
K (%)
Exp. Rate (uR/h)
Mag (gamma)
VLF Total (%)
VLF Quad (%)
-15
S
1
2
3
4
E
Line 14
2 km
Scale 1:250000

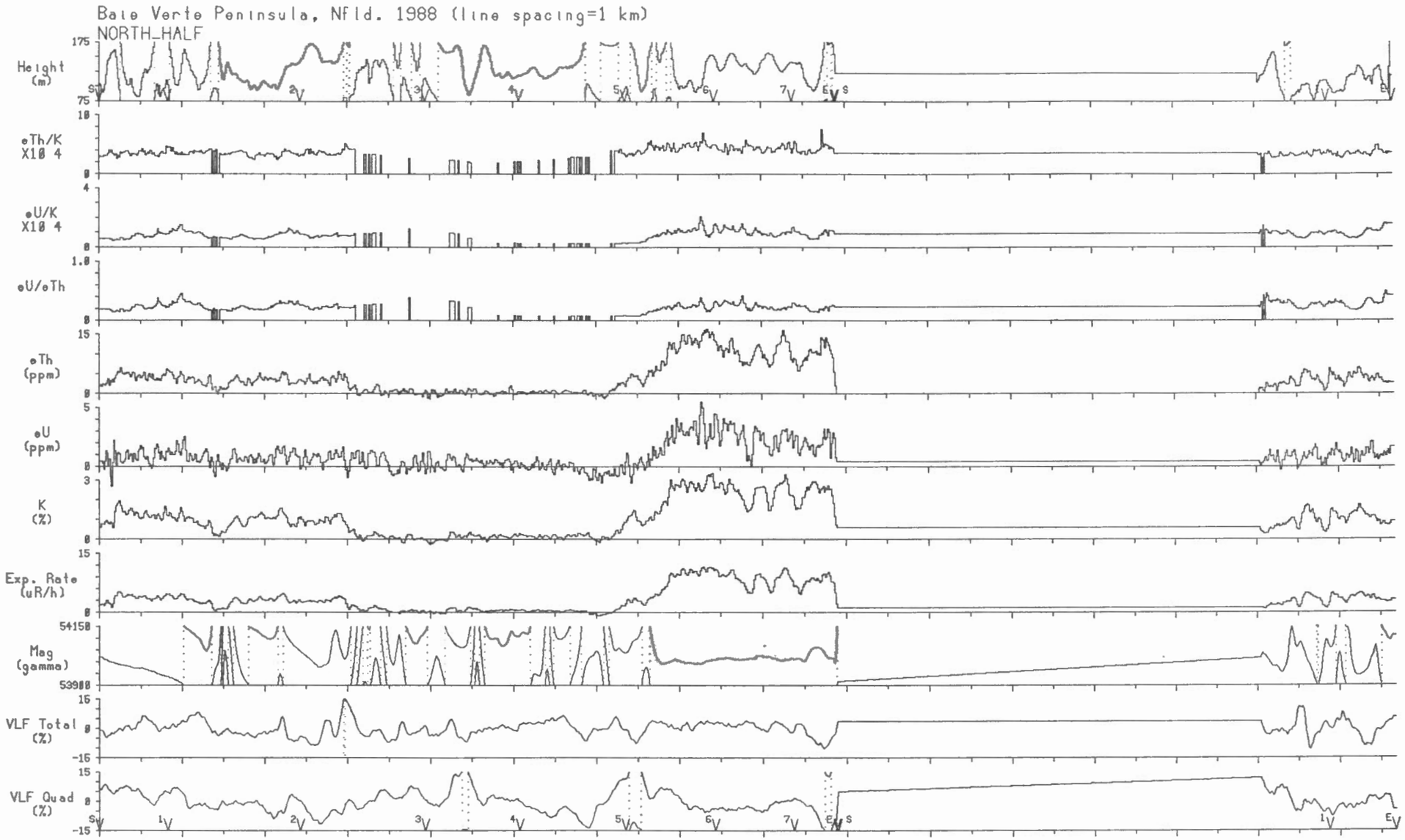

Bale Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
1.0
eTh (ppm)
15
eU (ppm)
5
K (%)
3
Exp. Rate (uR/h)
Mag (gamma)
53958
53788
VLF Total (%)
-15
VLF Quad (%)
Line 15
2 km
Scale 1:250000


Bale Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
1.0
eTh (ppm)
15
eU (ppm)
5
K (%)
3
Exp. Rate (uR/h)
Mag (gamma)
53958
53788
VLF Total (%)
-15
VLF Quad (%)
Line 16
2 km
Scale 1:250000

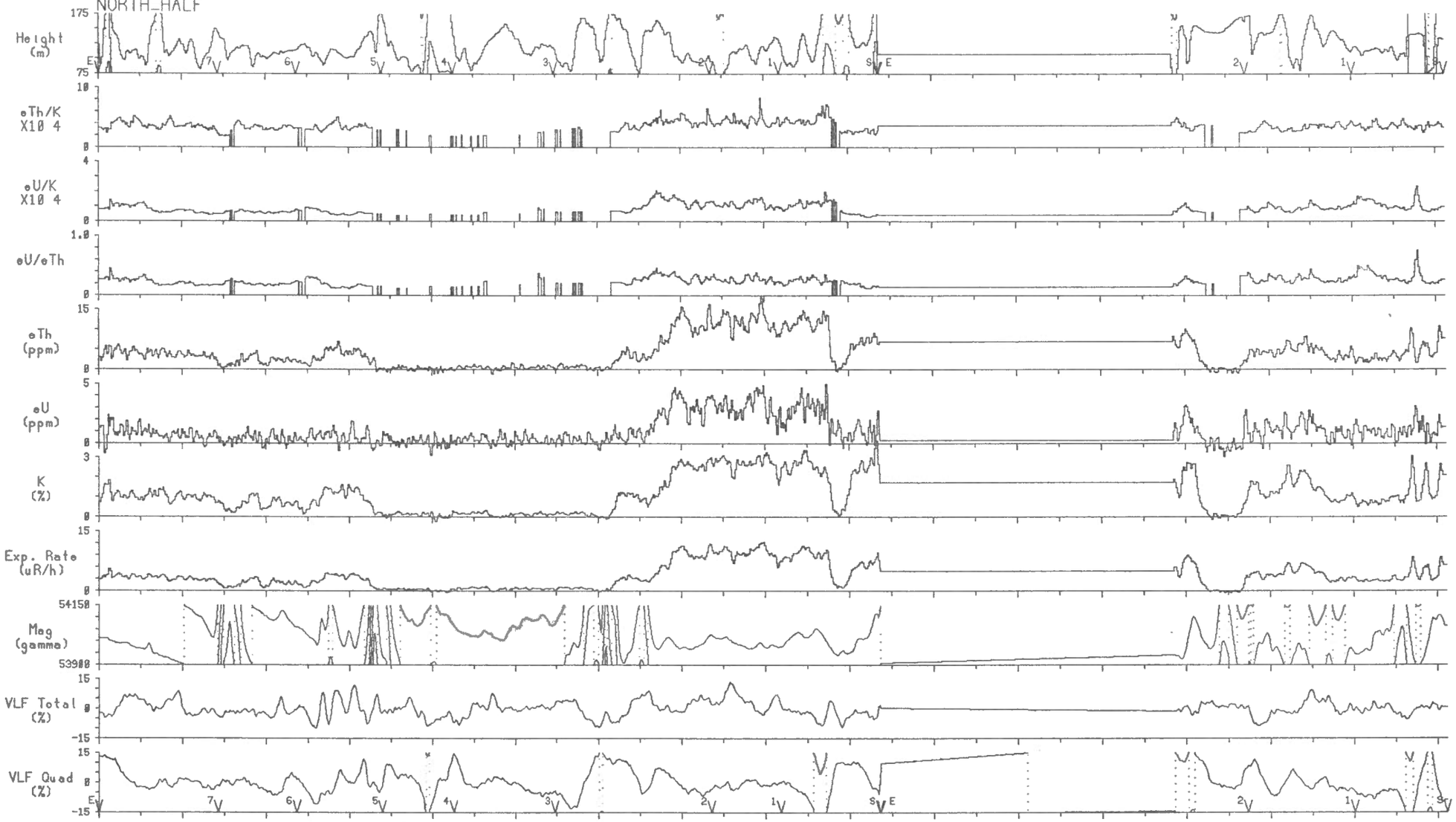

Bate Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53950
53700
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
Line 17
2 km
Scale 1:250000


Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54150
53900
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
E
Line 18
2 km
Scale 1:250000

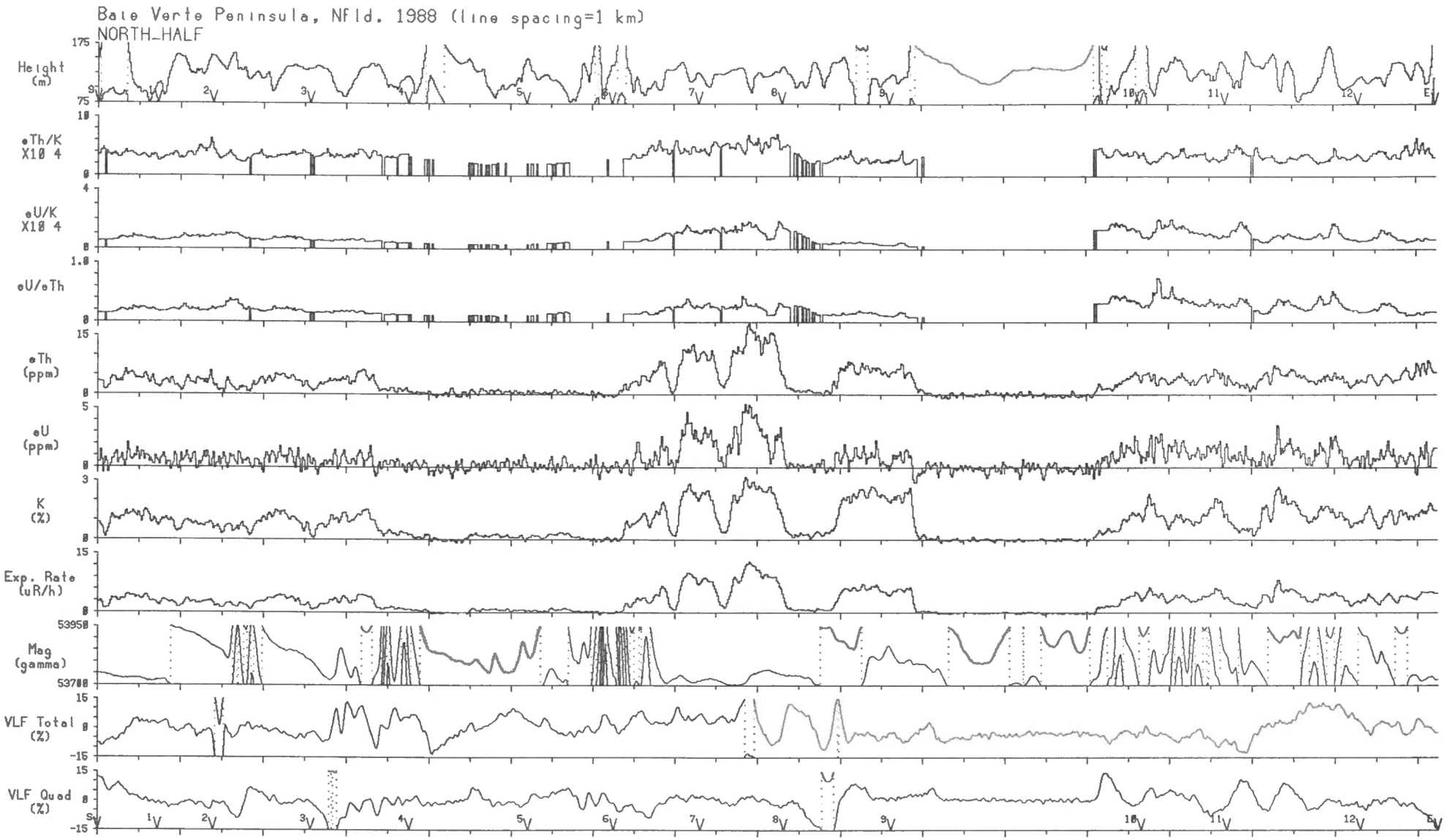

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54050
53800
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
6
5
4
3
2
1
S
E
S
Line 19
2 km
Scale 1:250000

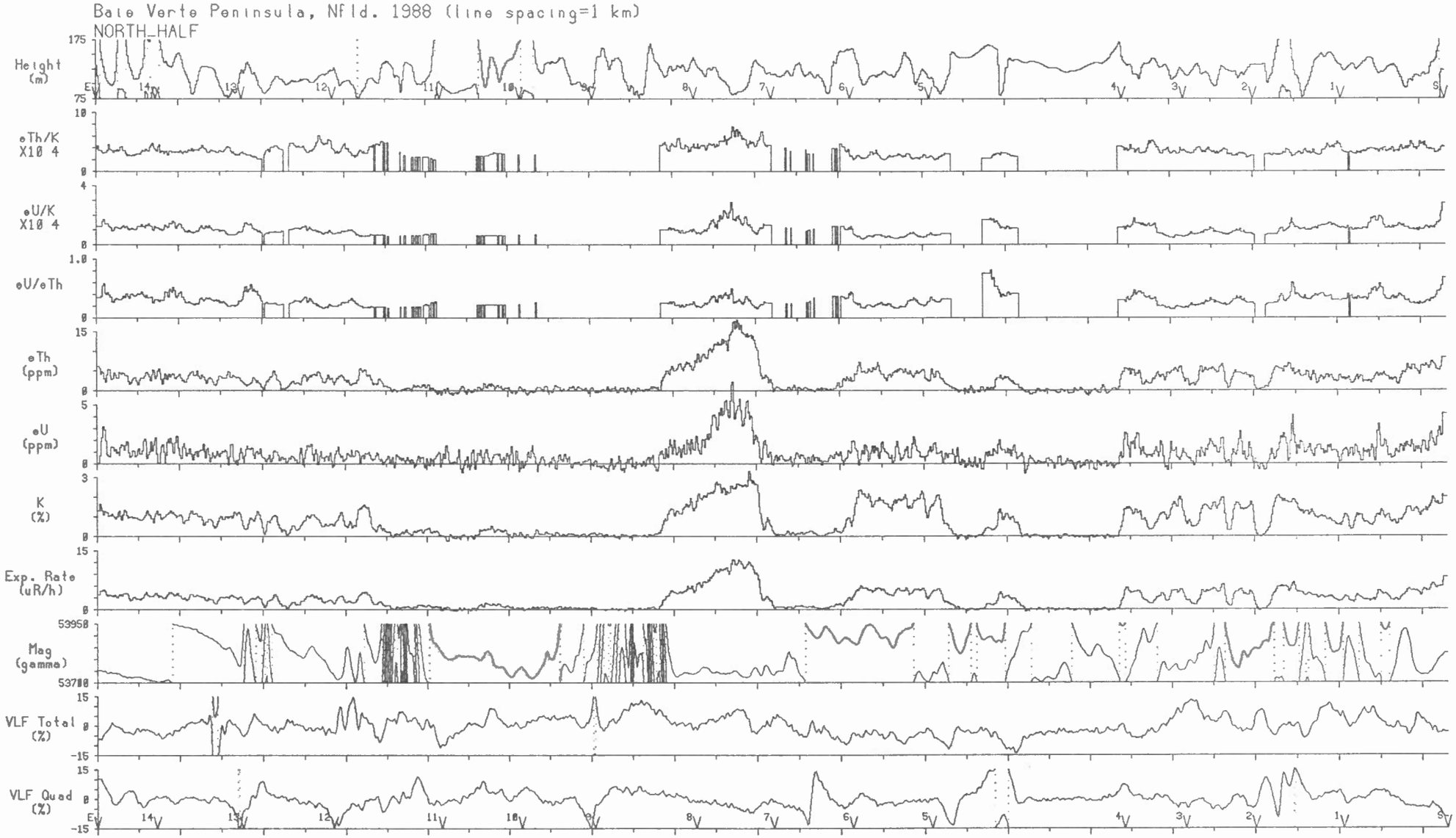

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54150
53900
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
E
S
1
E
Line 20
2 km
Scale 1:250000

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF

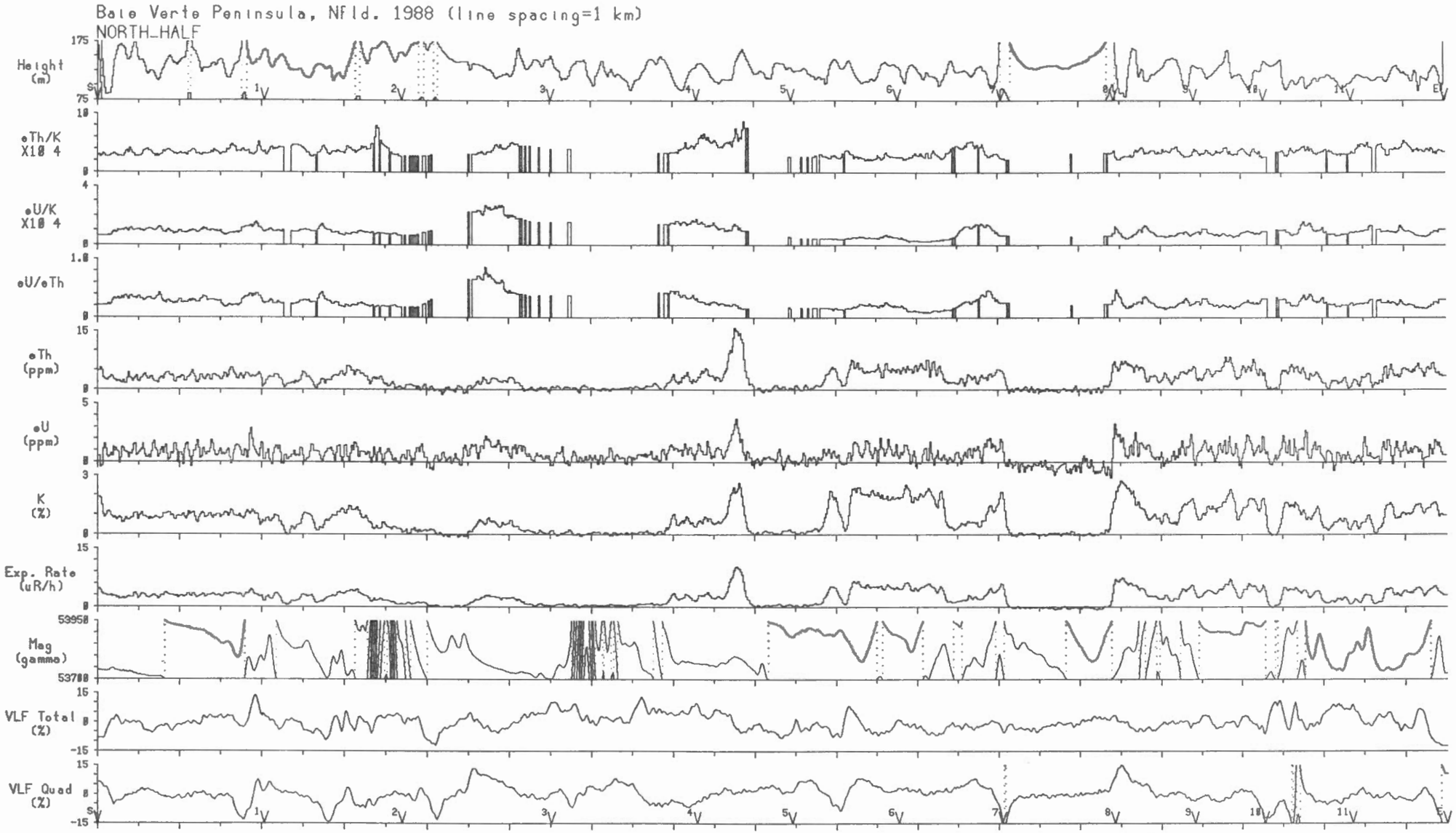


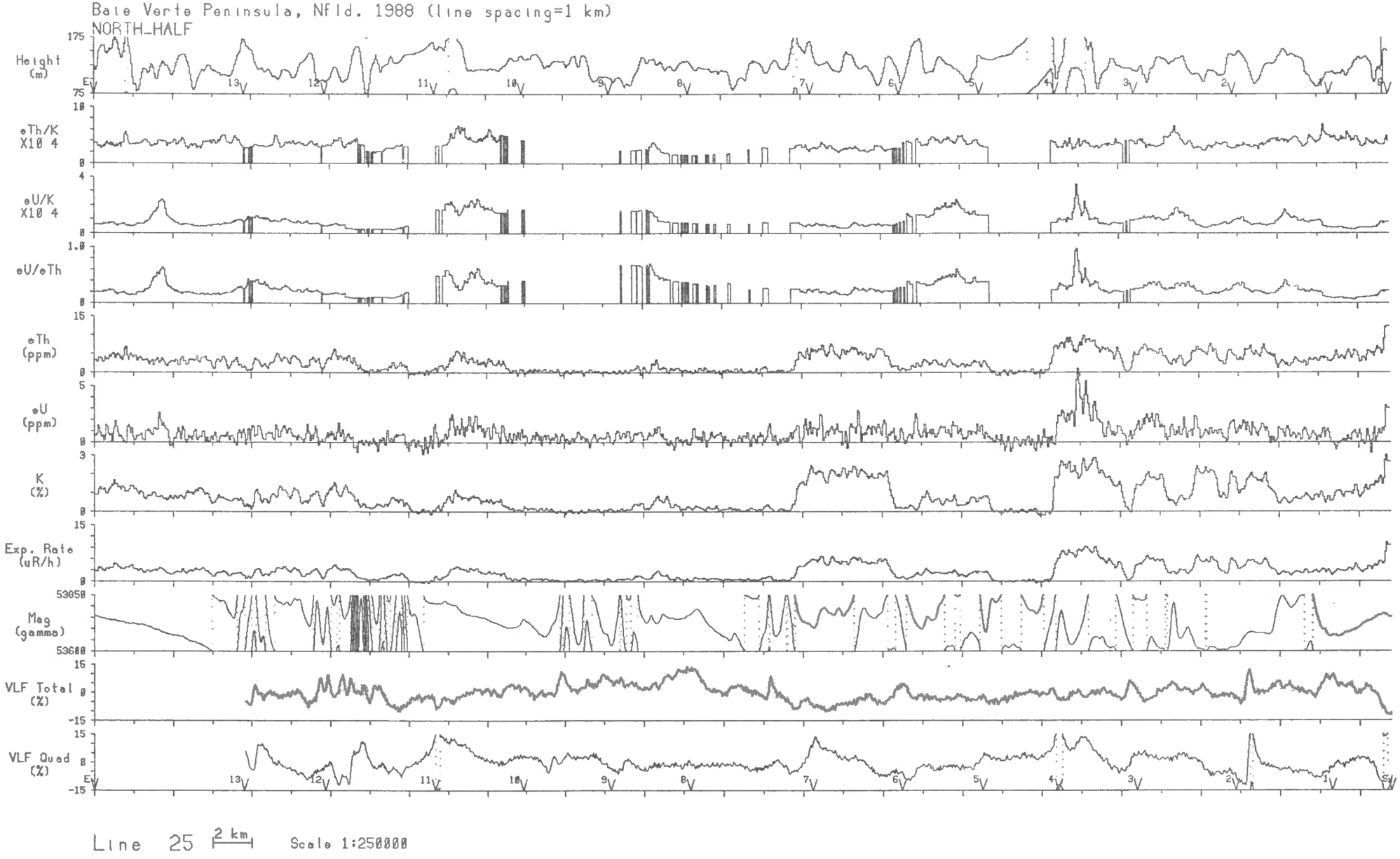
Line 21 2 km Scale 1:250000

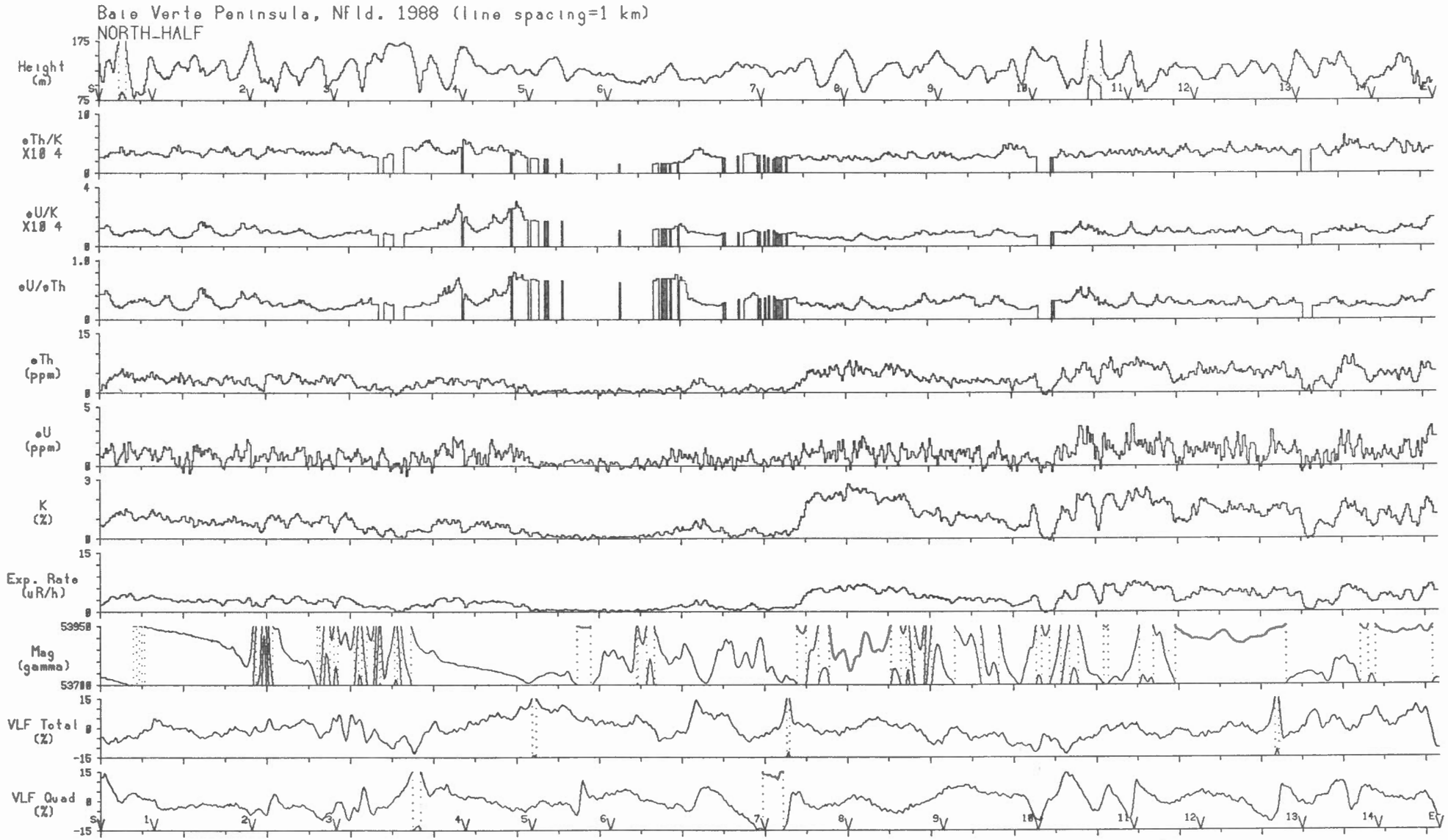

Bale Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53958
53788
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
8
9
10
11
12
E
Line 22
2 km
Scale 1:250000

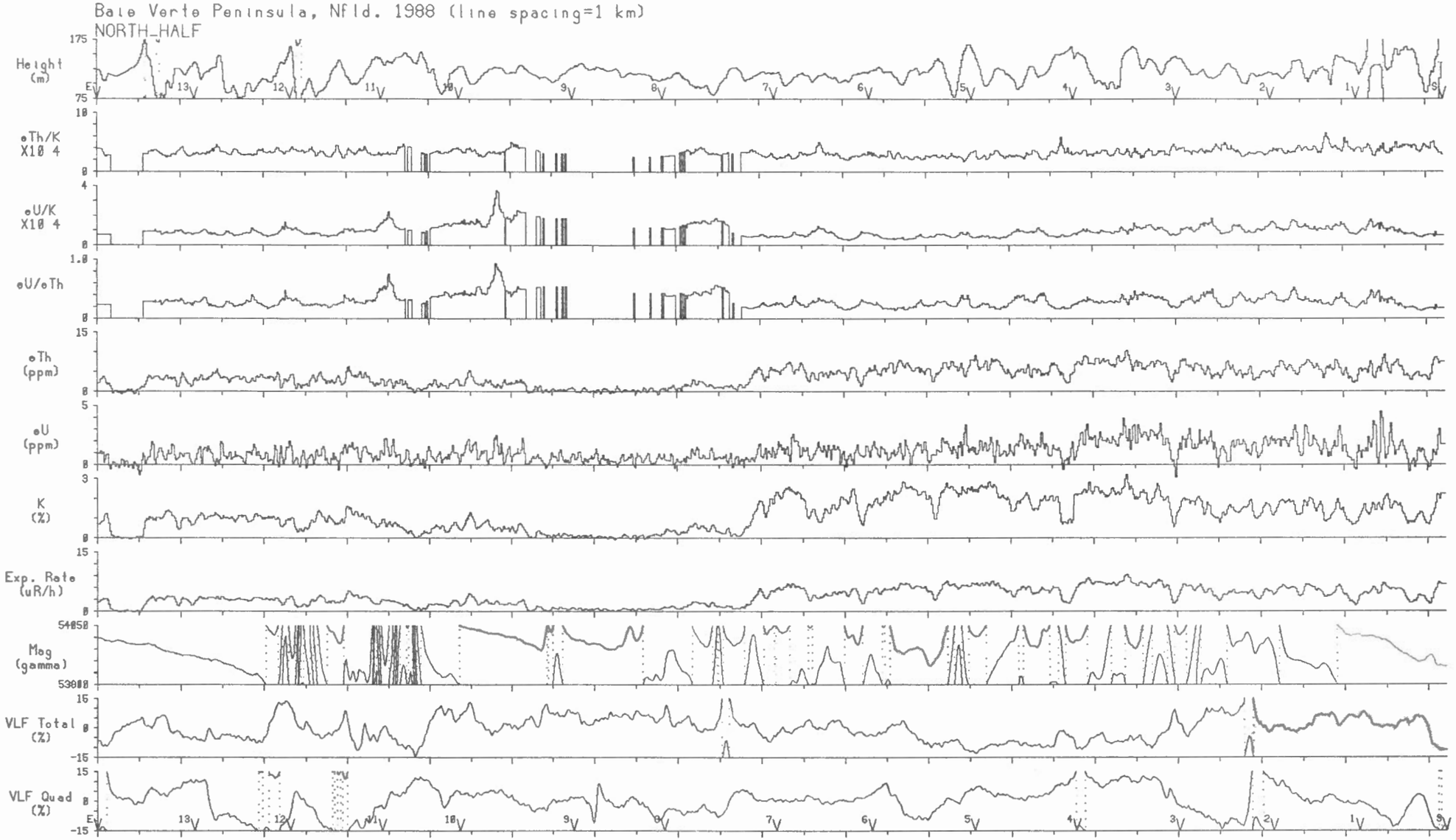


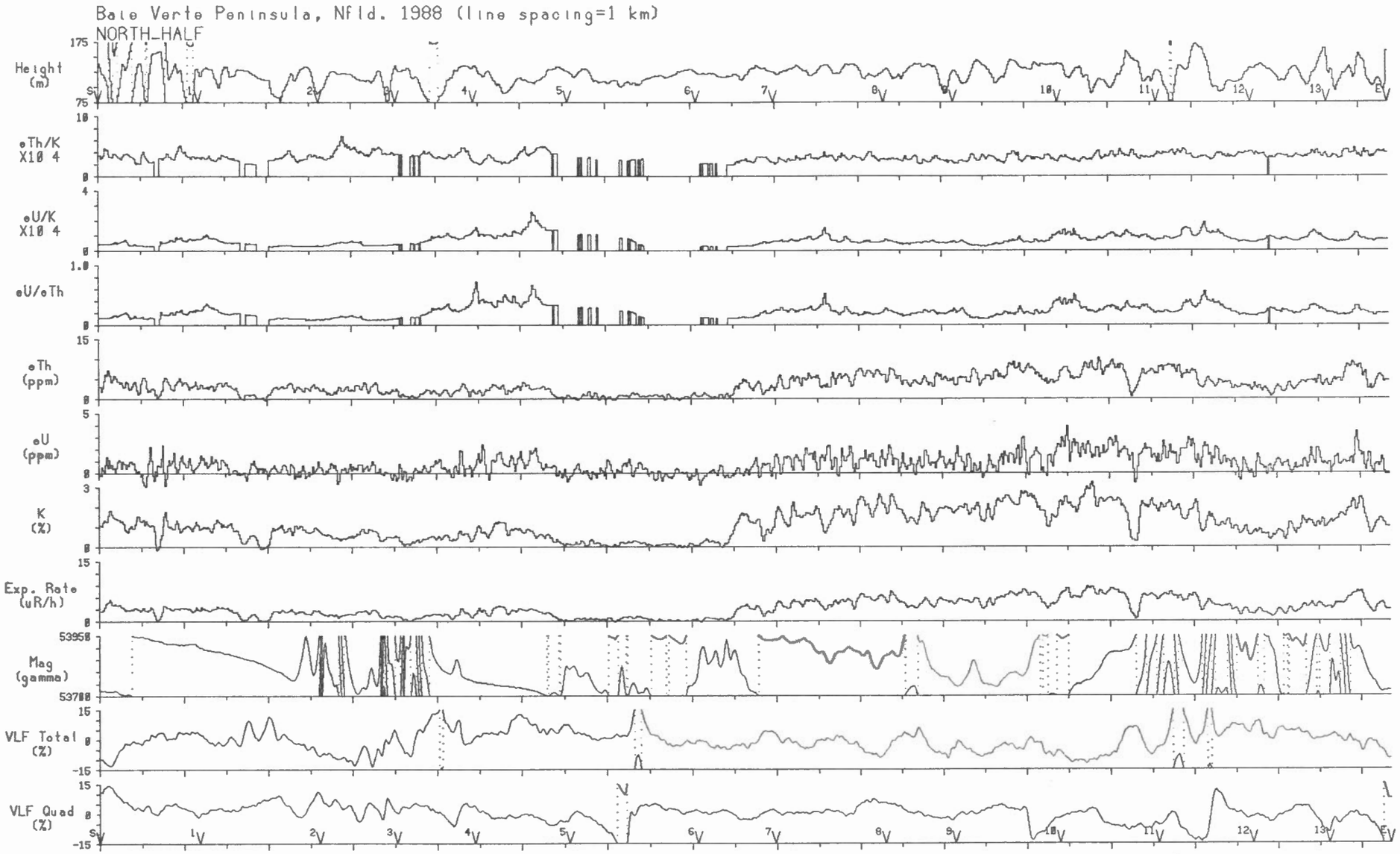
Line 23 2 km Scale 1:250000

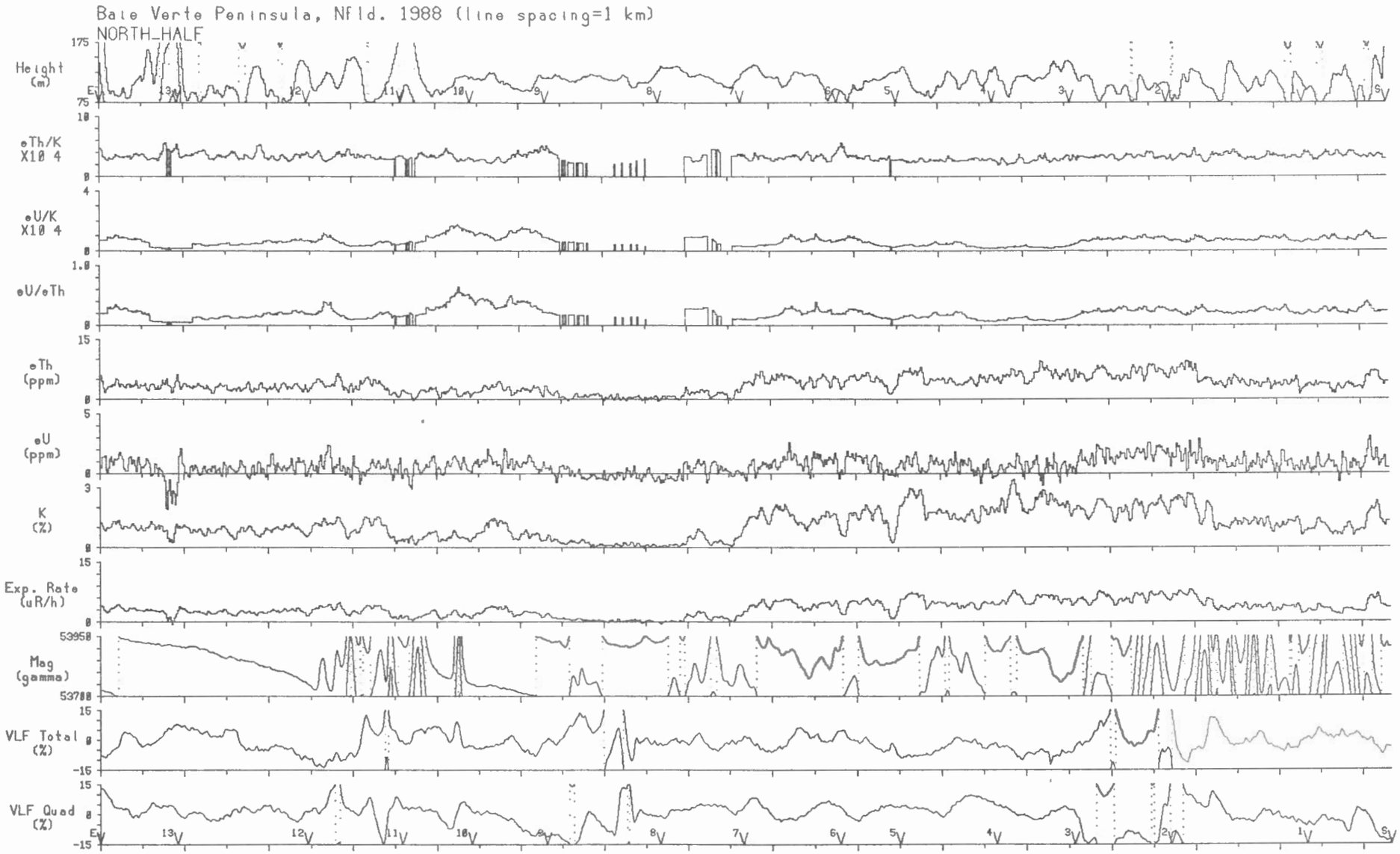

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53950
53700
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
8
9
10
11
E
Line 24
2 km
Scale 1:250000


Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
1.0
eTh (ppm)
15
eU (ppm)
5
K (%)
3
Exp. Rate (uR/h)
Mag (gamma)
53850
53600
VLF Total (%)
-15
VLF Quad (%)
E
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10
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4
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2
1
S
Line 25
2 km
Scale 1:250000

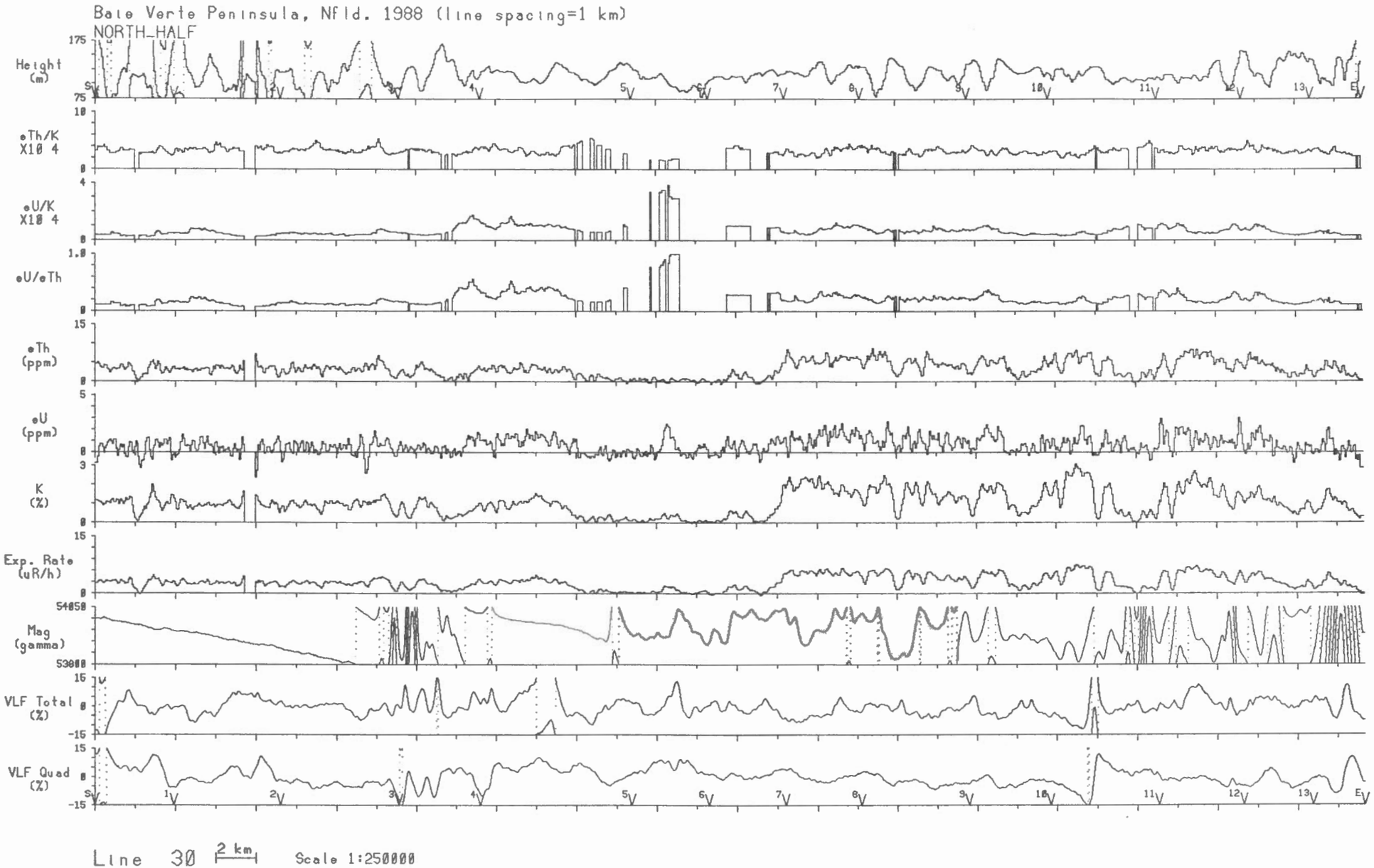

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53958
53788
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
8
9
10
11
12
13
14
E
Line 26
2 km
Scale 1:250000

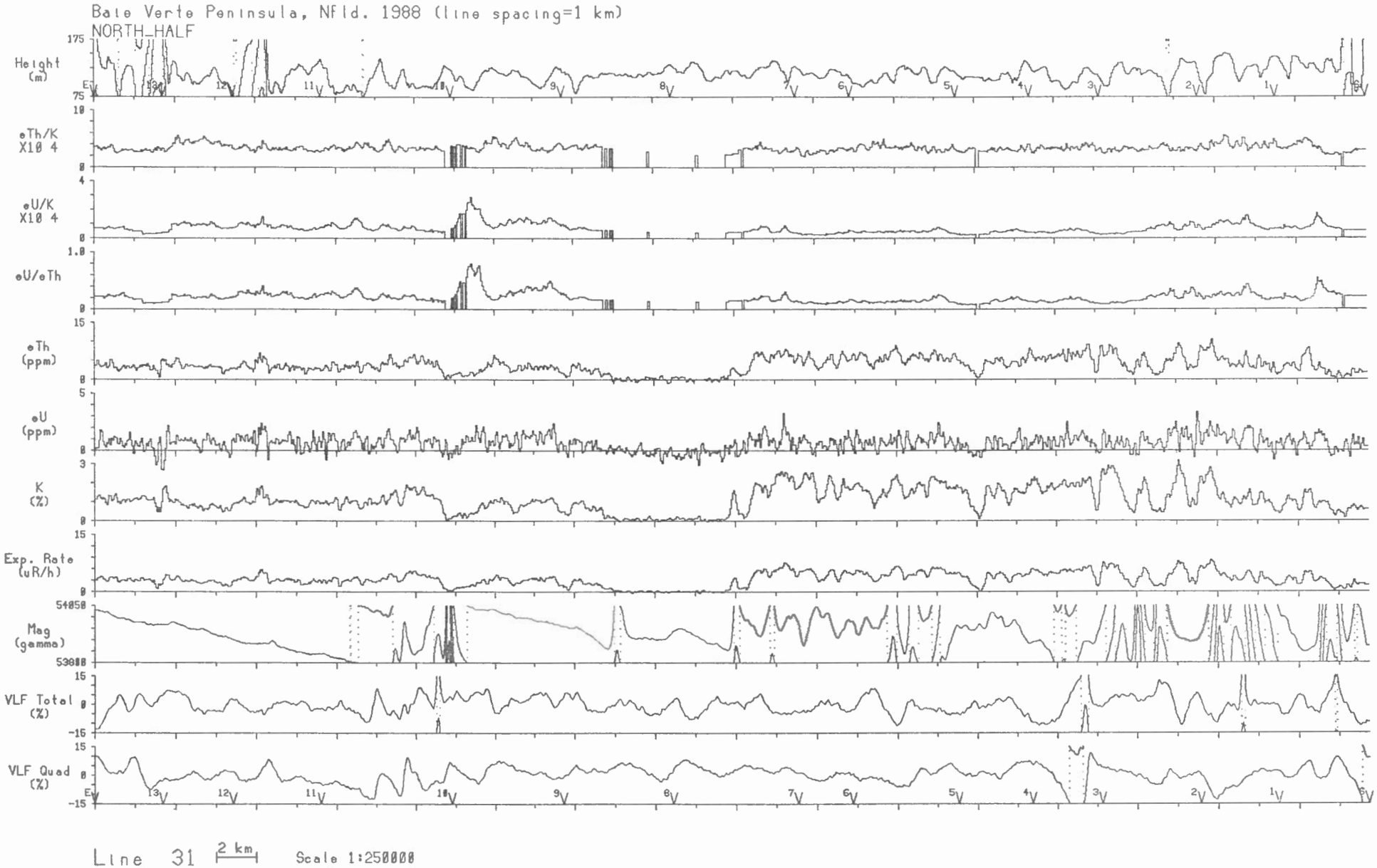

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54000
53000
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
13
12
11
10
9
8
7
6
5
4
3
2
1
S
Line 27
2 km
Scale 1:250000


Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53958
53788
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
8
9
10
11
12
13
E
Line 28
2 km
Scale 1:250000

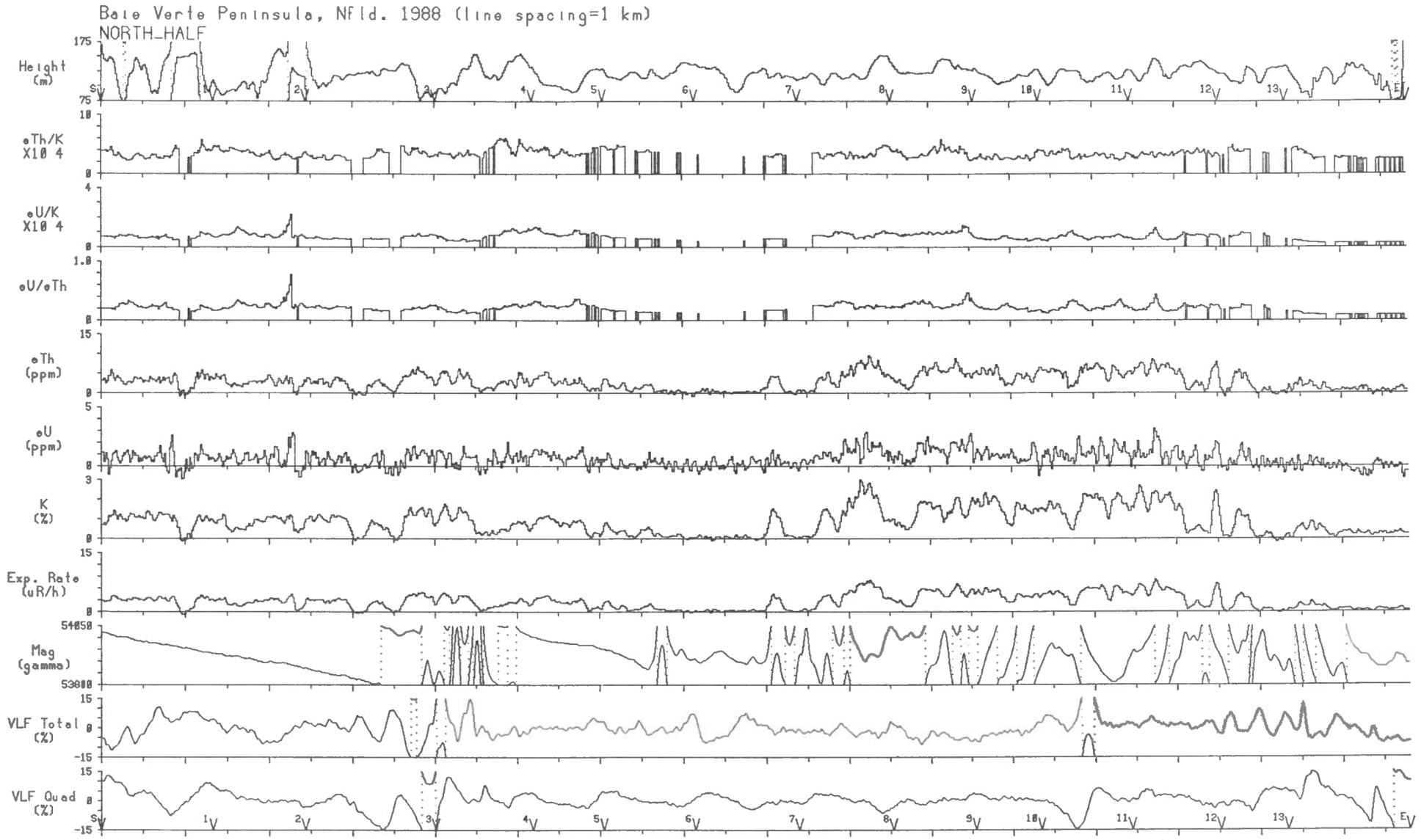


Line 29 2 km Scale 1:250000

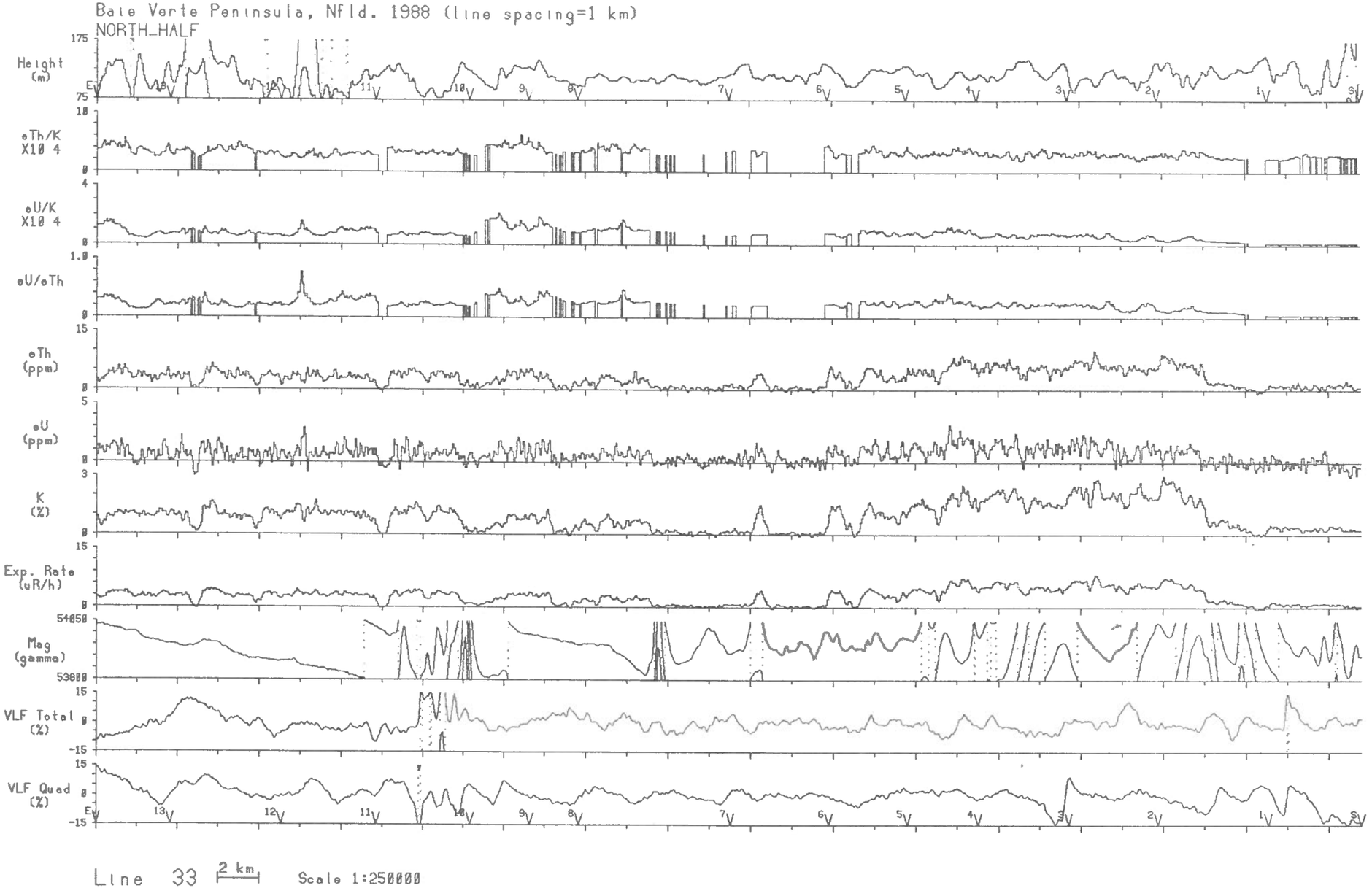

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54050
53000
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
8
9
10
11
12
13
E
Line 30
2 km
Scale 1:250000

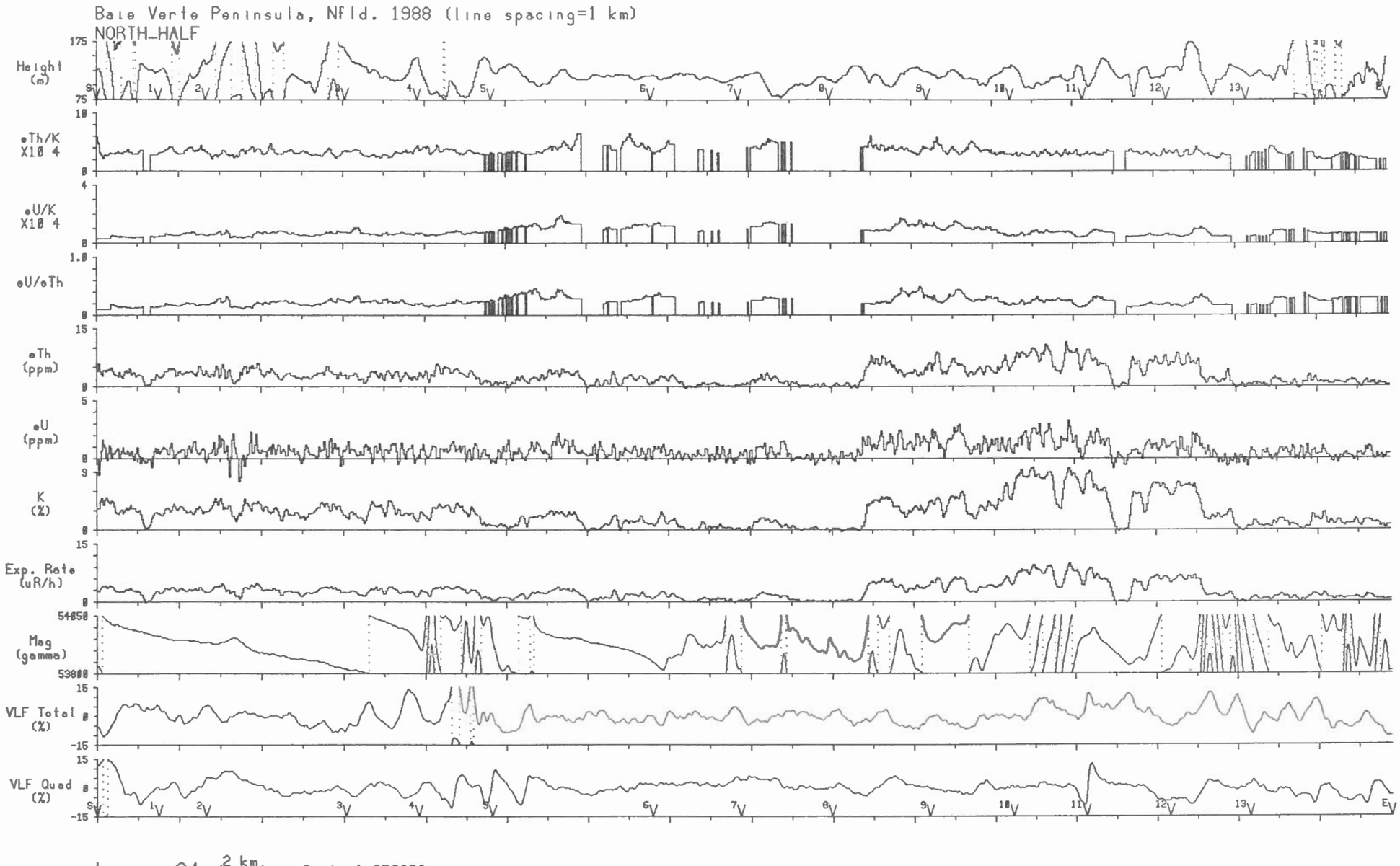


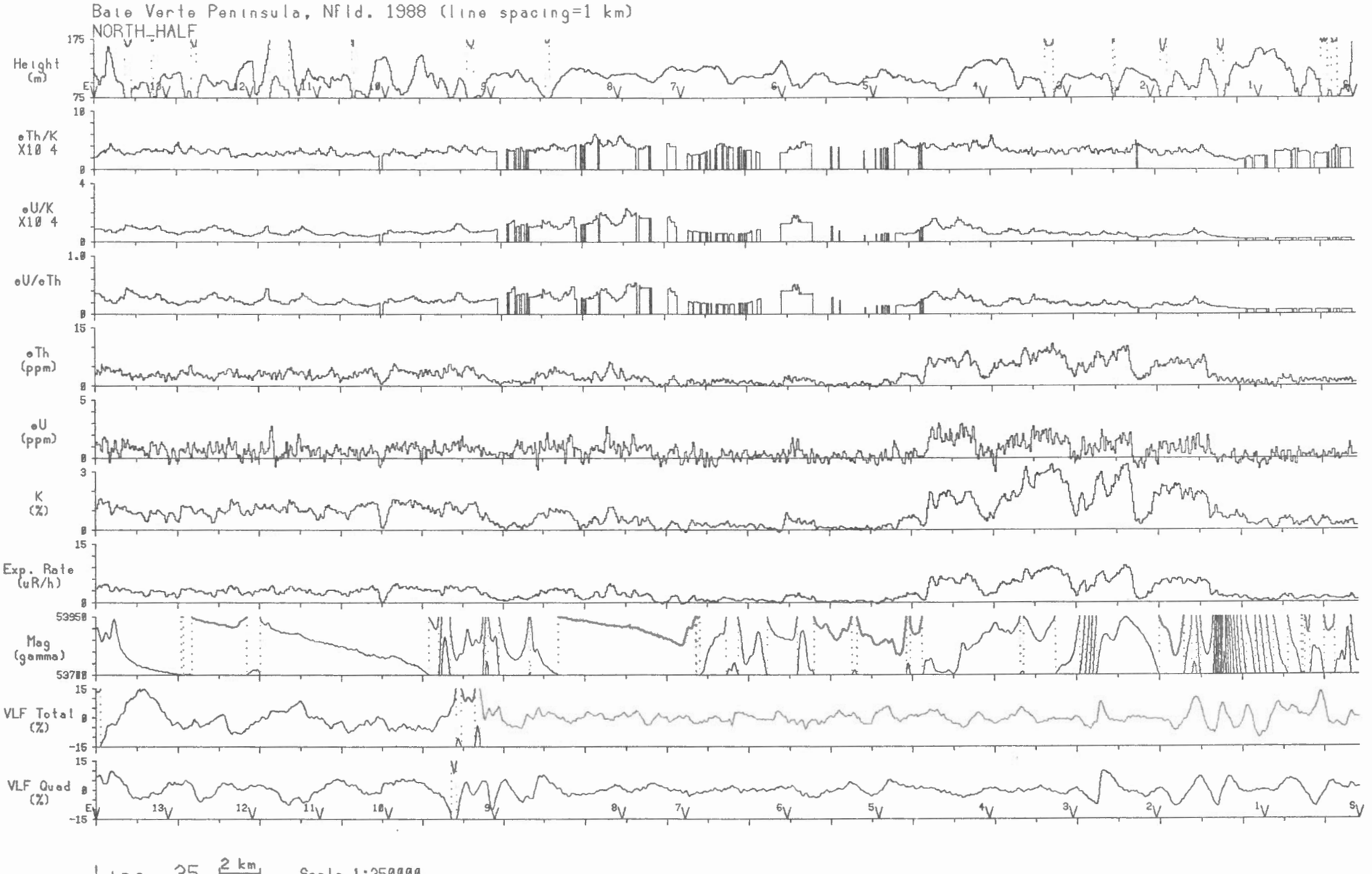
Line 31 2 km Scale 1:250000

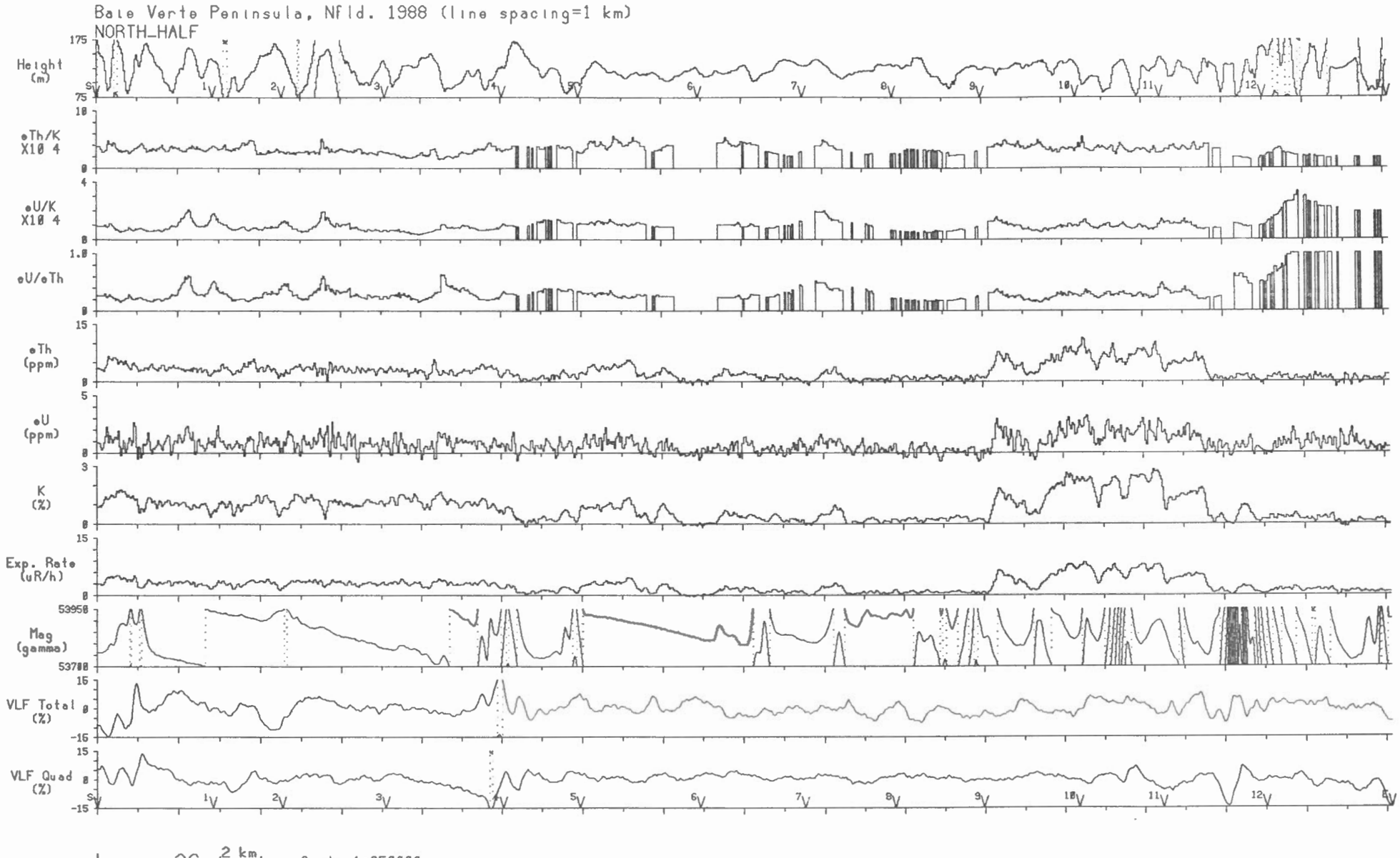


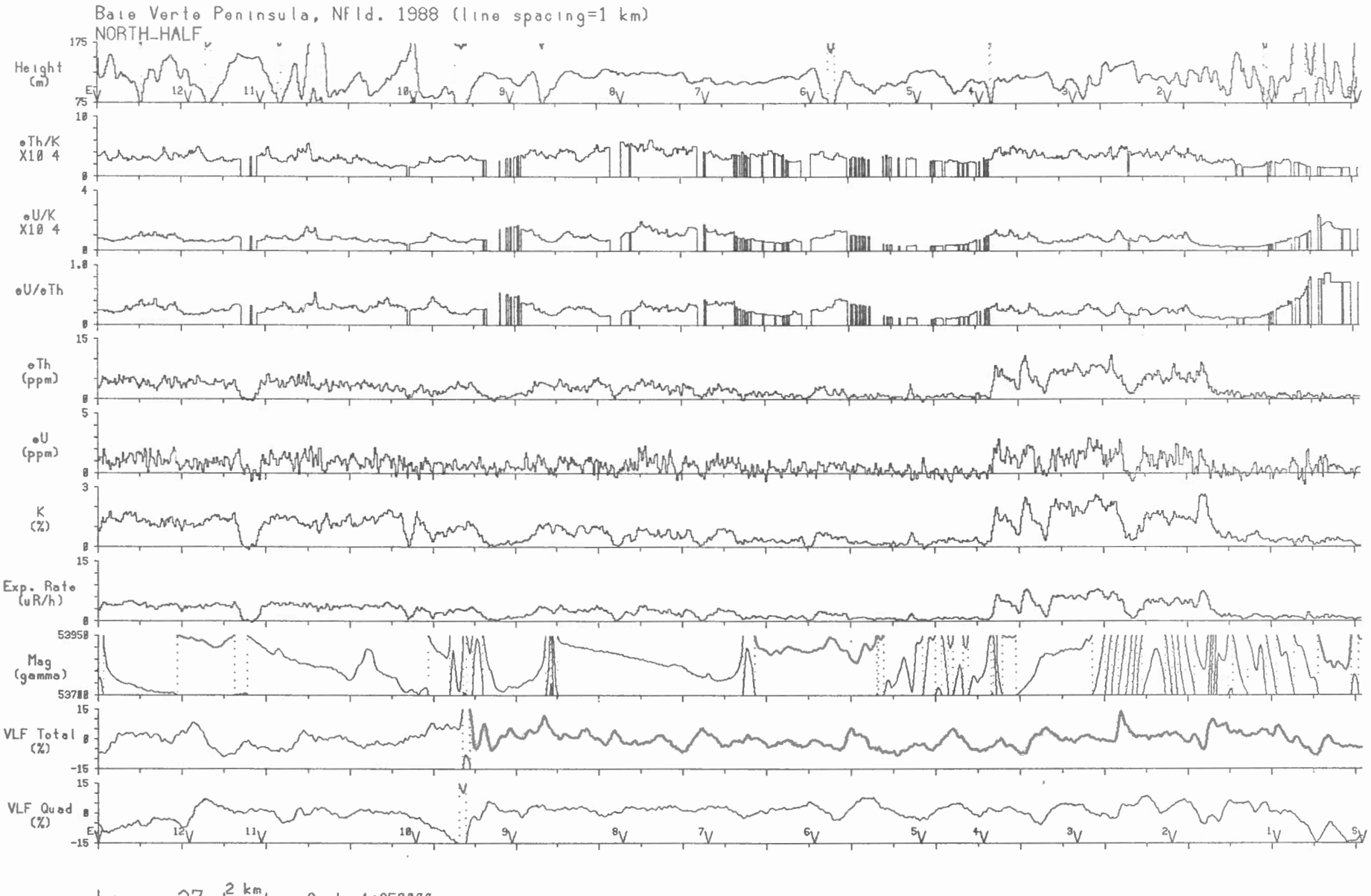
Line 32 2 km Scale 1:250000

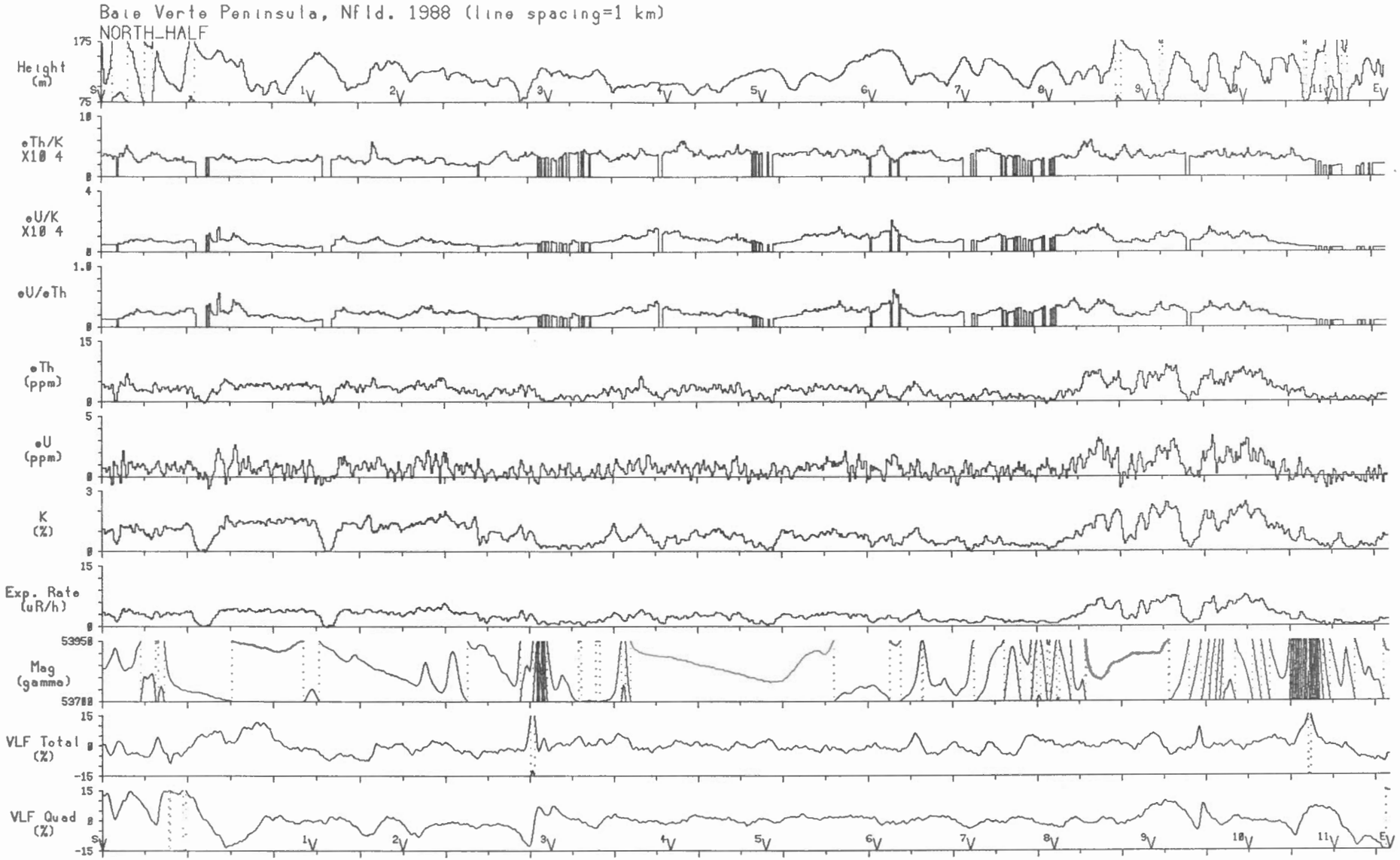

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54050
53000
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
13
12
11
10
9
8
7
6
5
4
3
2
1
S
Line 33
2 km
Scale 1:250000


Bale Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
1.0
eTh (ppm)
15
eU (ppm)
5
K (%)
Exp. Rate (uR/h)
Mag (gamma)
54850
53800
VLF Total (%)
-15
VLF Quad (%)
S
1
2
3
4
5
6
7
8
9
10
11
12
13
E
Line 34
2 km
Scale 1:250000

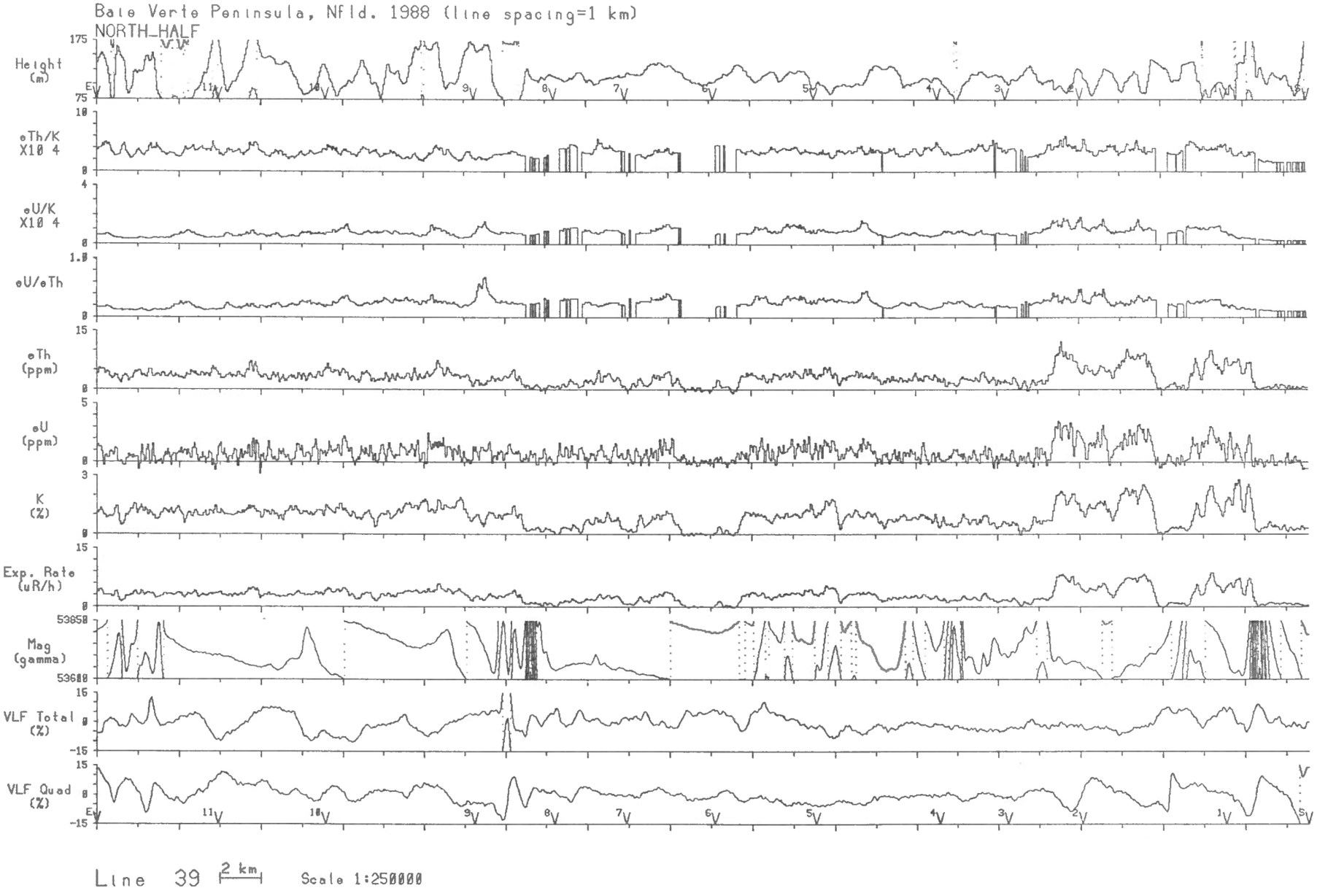

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53958
53788
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
13
12
11
10
9
8
7
6
5
4
3
2
1
S
Line 35
2 km
Scale 1:250000

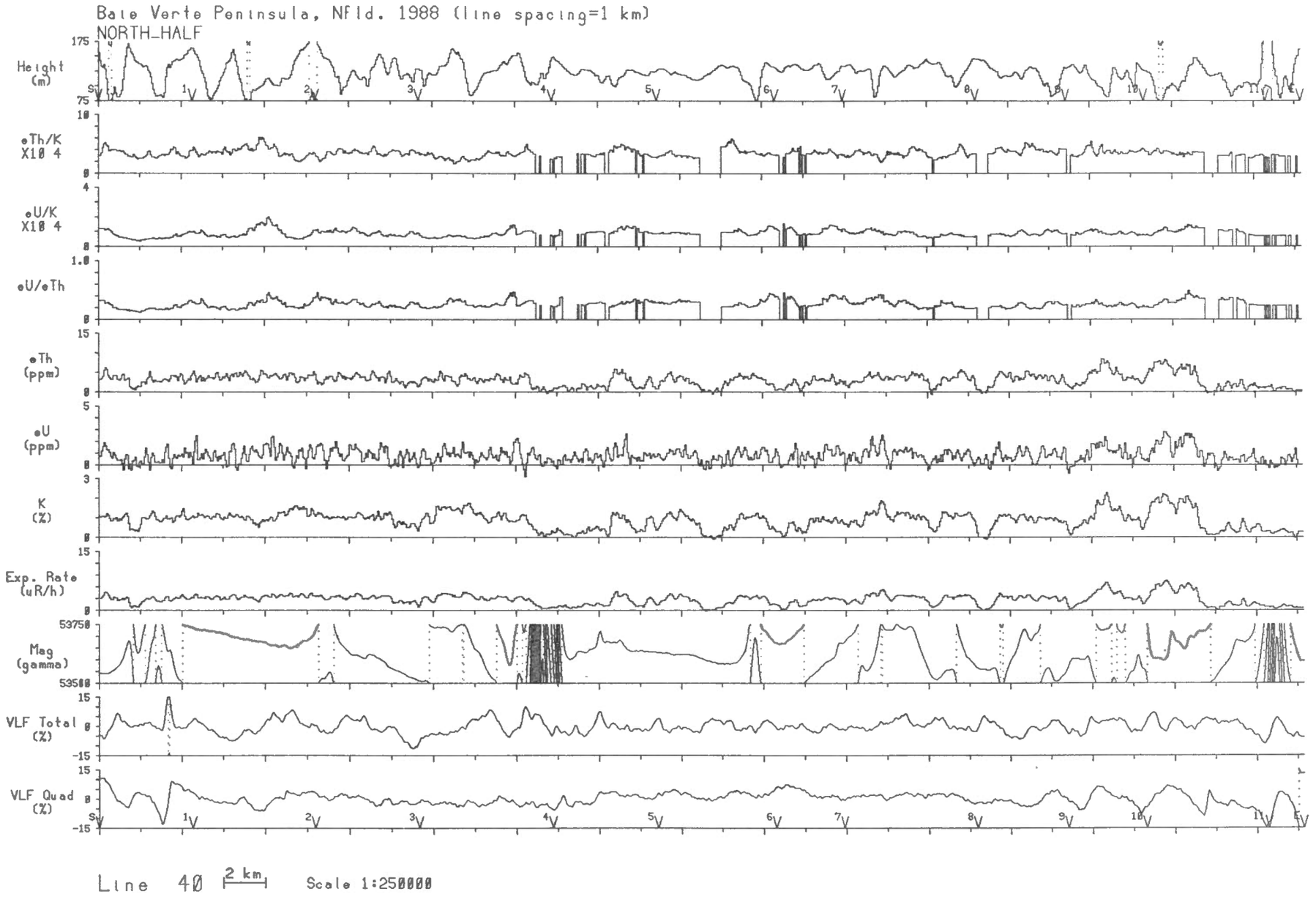

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53950
53700
VLF Total (%)
15
0
-16
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
8
9
10
11
12
E
Line 36
2 km
Scale 1:250000

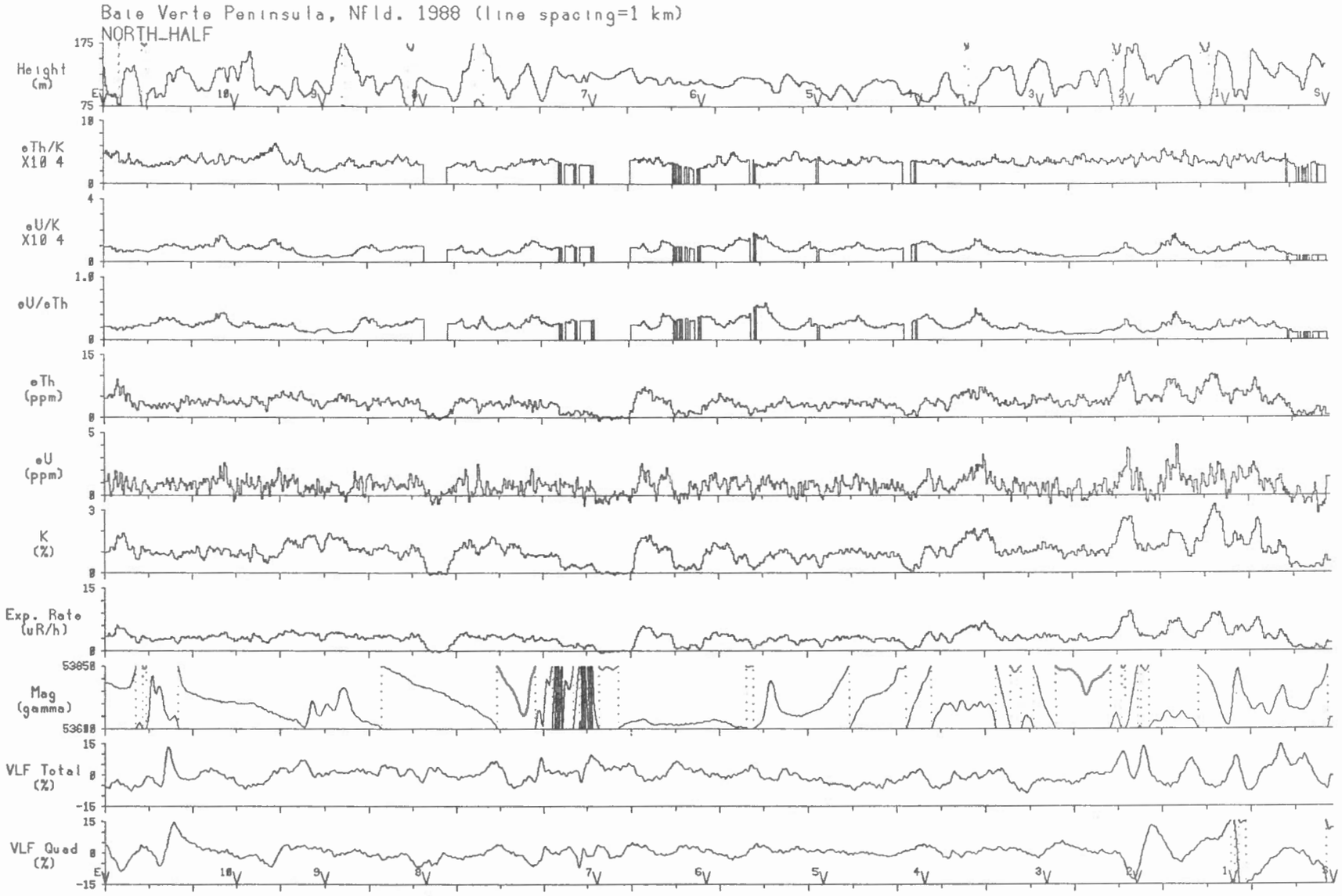

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53958
53788
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
12
11
10
9
8
7
6
5
4
3
2
1
S
Line 37
2 km
Scale 1:250000

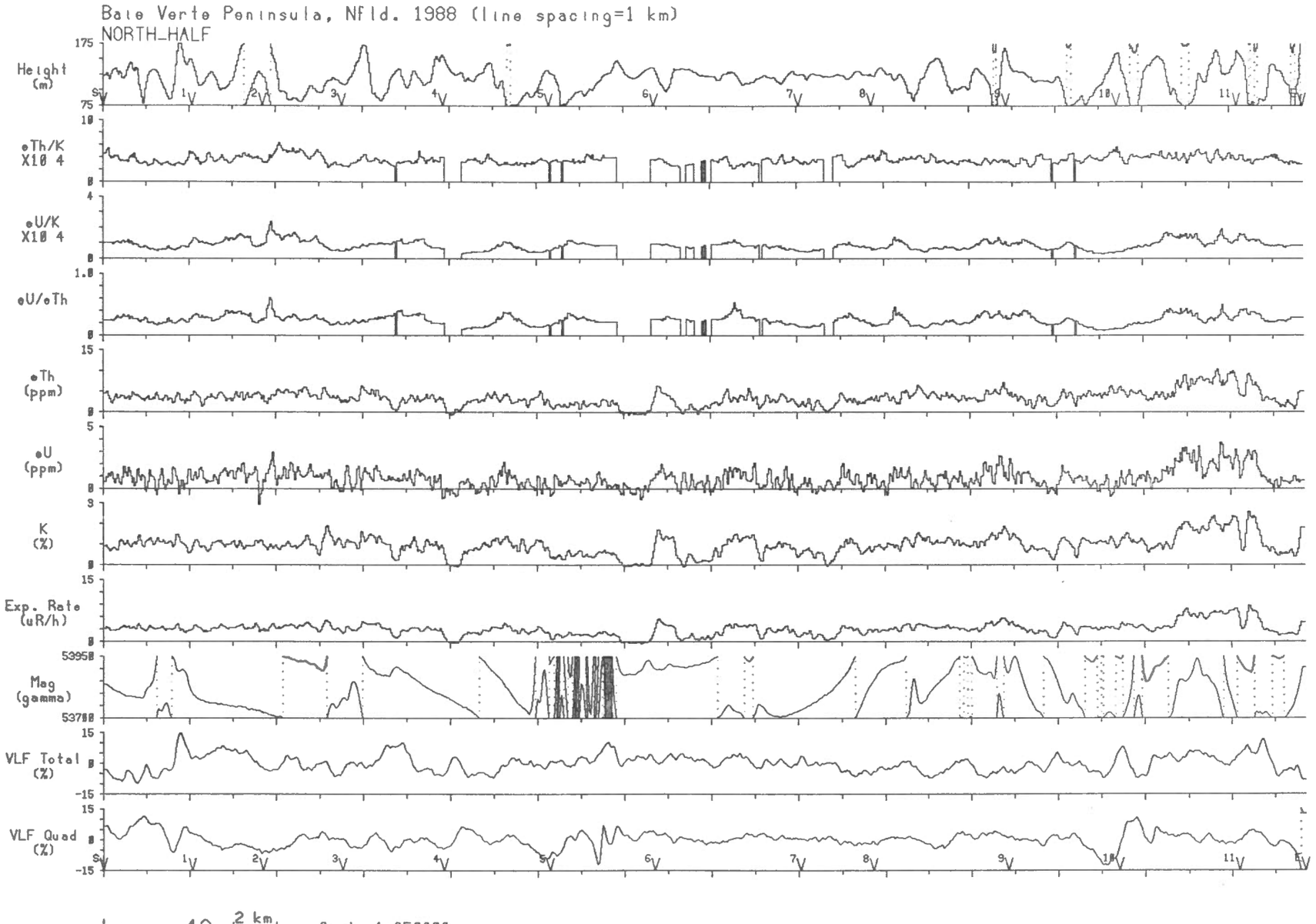


Line 38 2 km Scale 1:250000

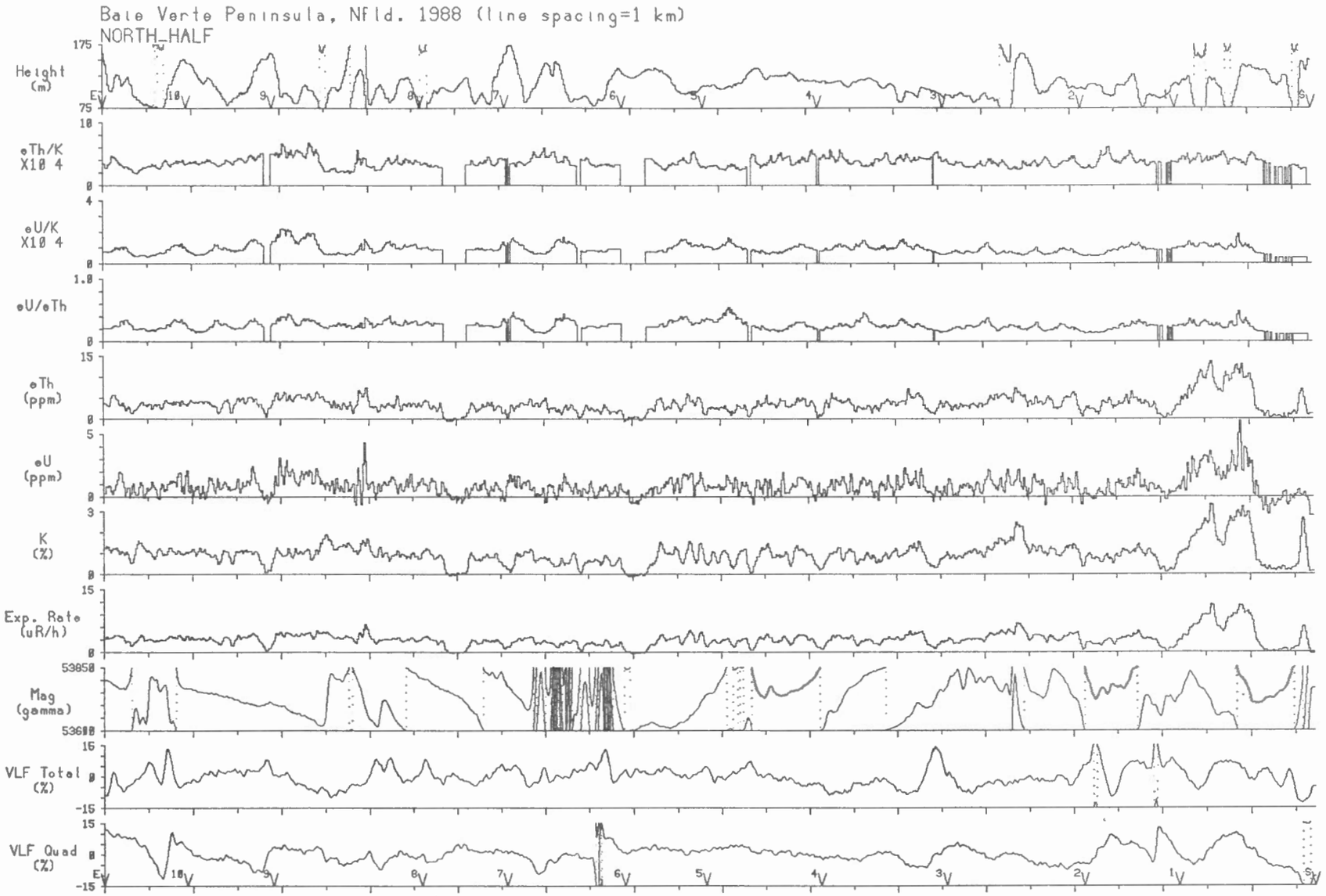

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53650
53600
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
11
10
9
8
7
6
5
4
3
2
1
S
Line 39
2 km
Scale 1:250000


Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53750
53500
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
8
9
10
11
E
Line 40
2 km
Scale 1:250000

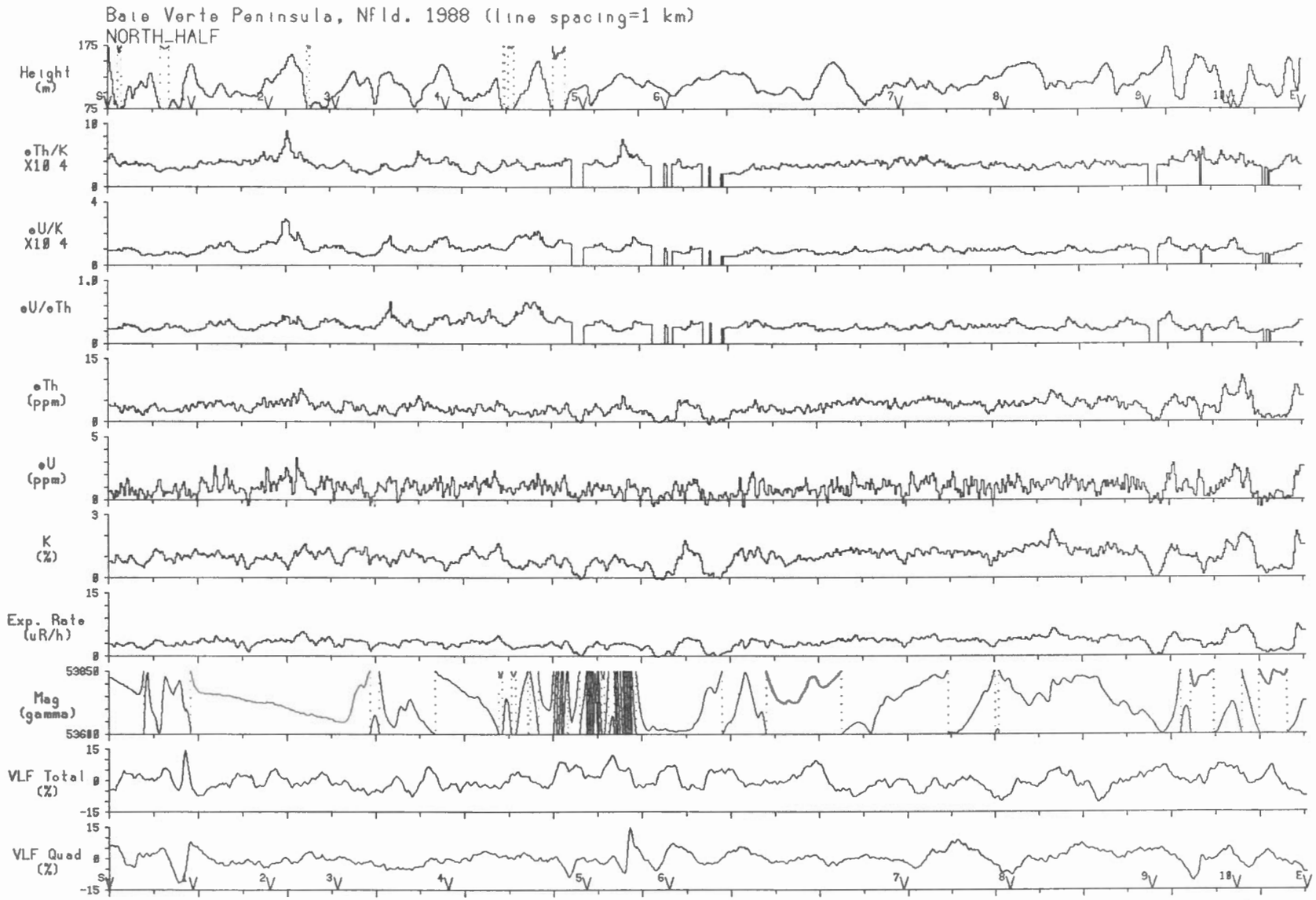

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53858
53688
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
10
9
8
7
6
5
4
3
2
1
S
Line 41
2 km
Scale 1:250000

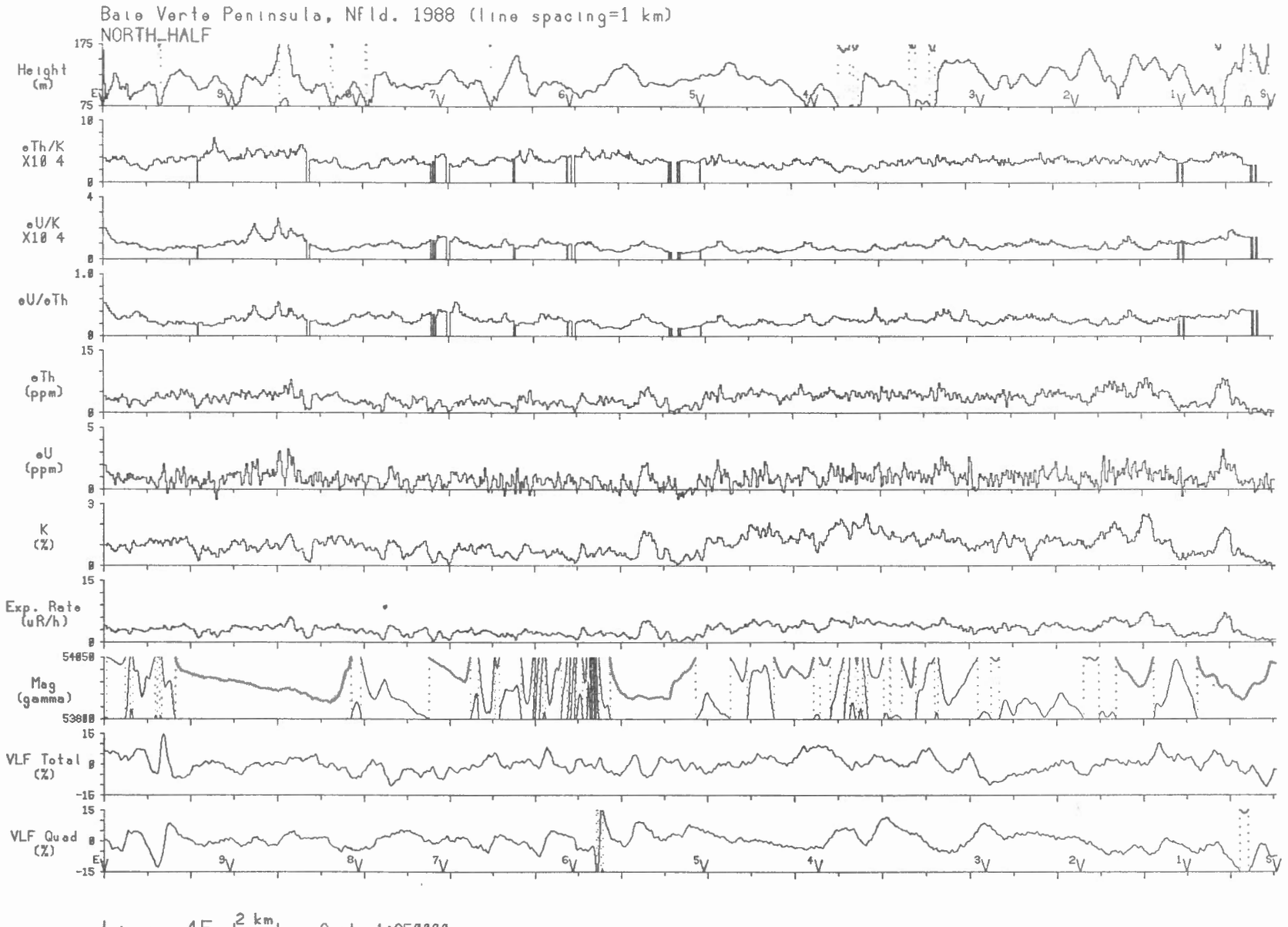


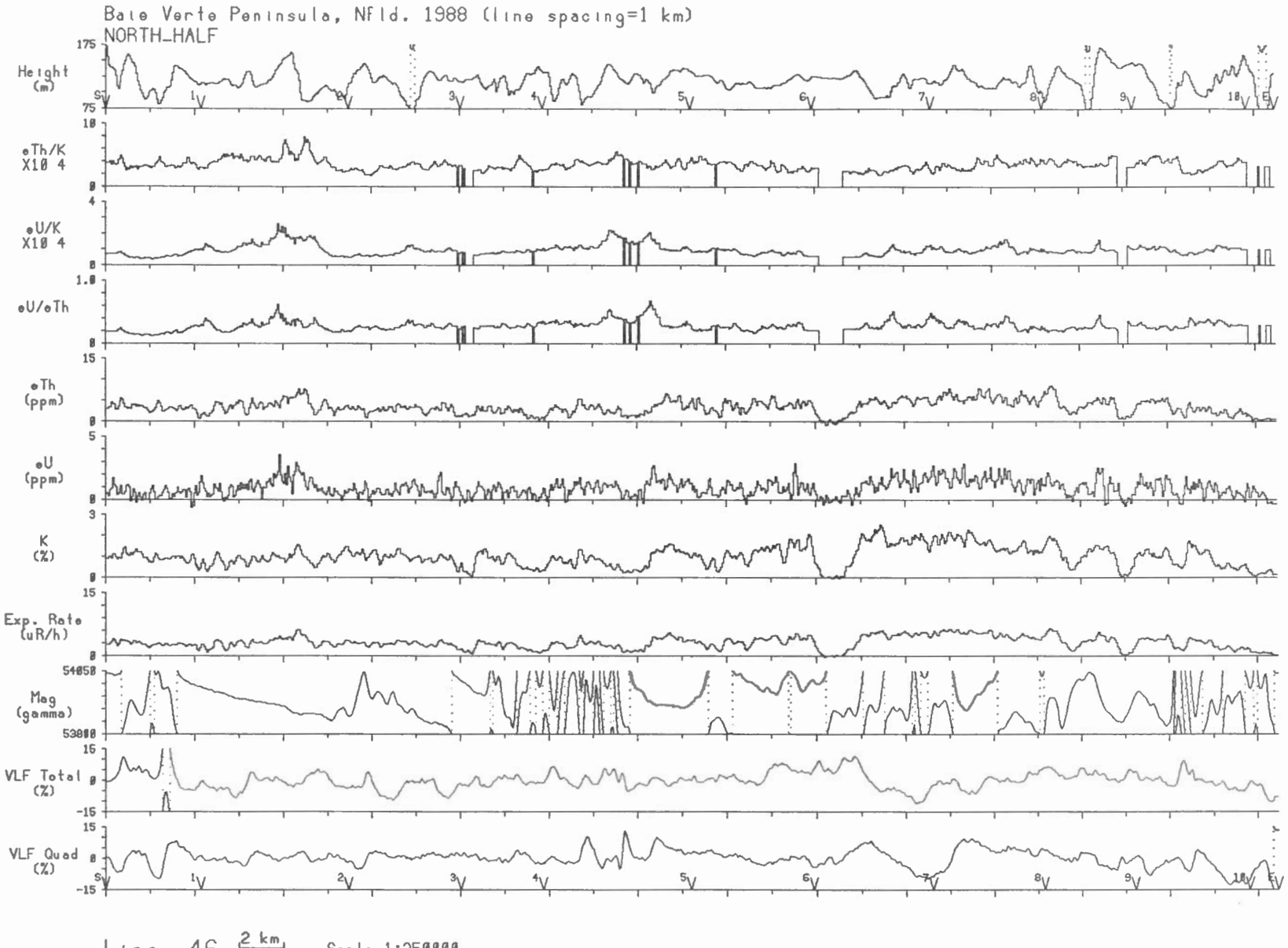
Line 42 2 km Scale 1:250000



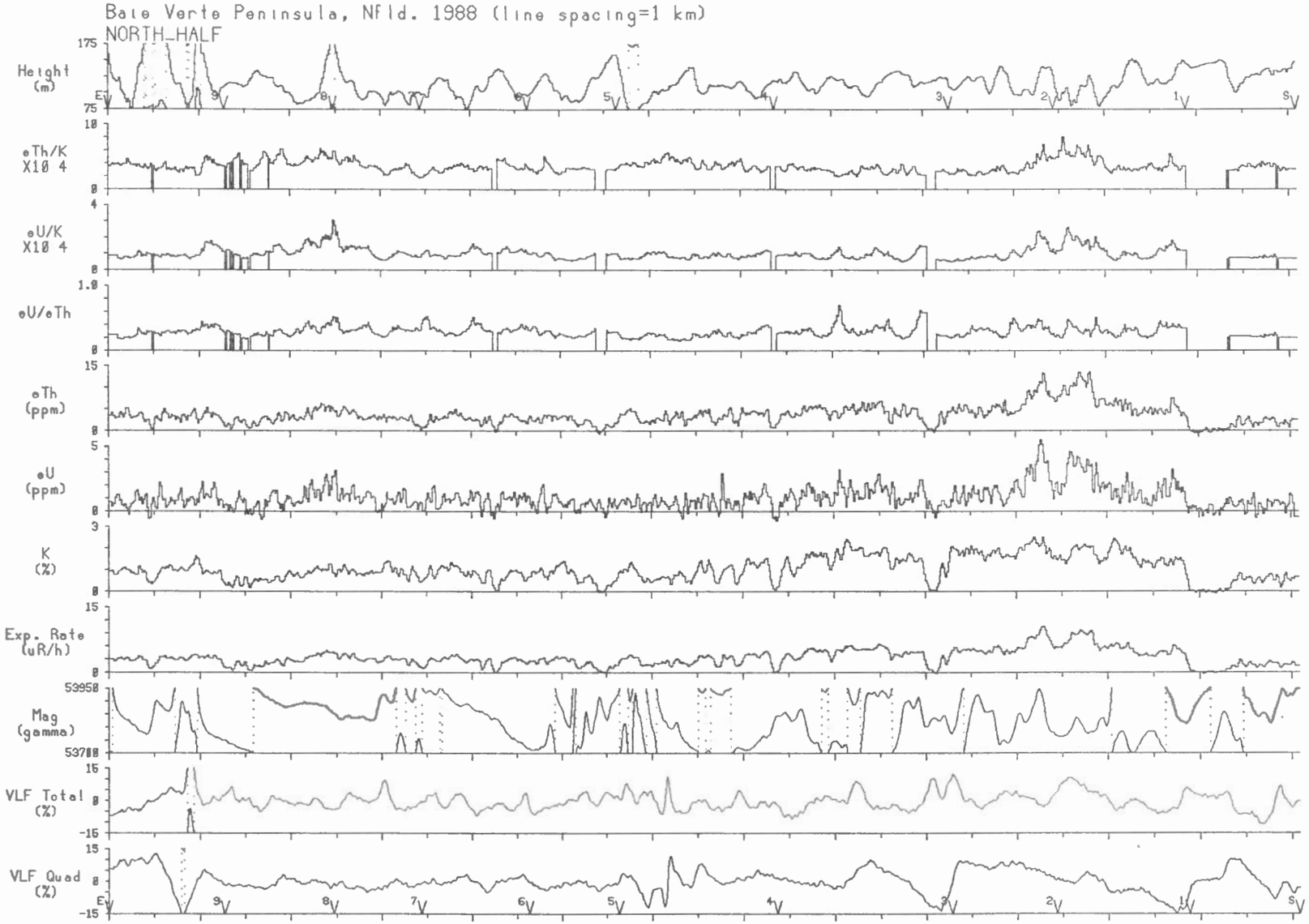
Line 43 2 km Scale 1:250000

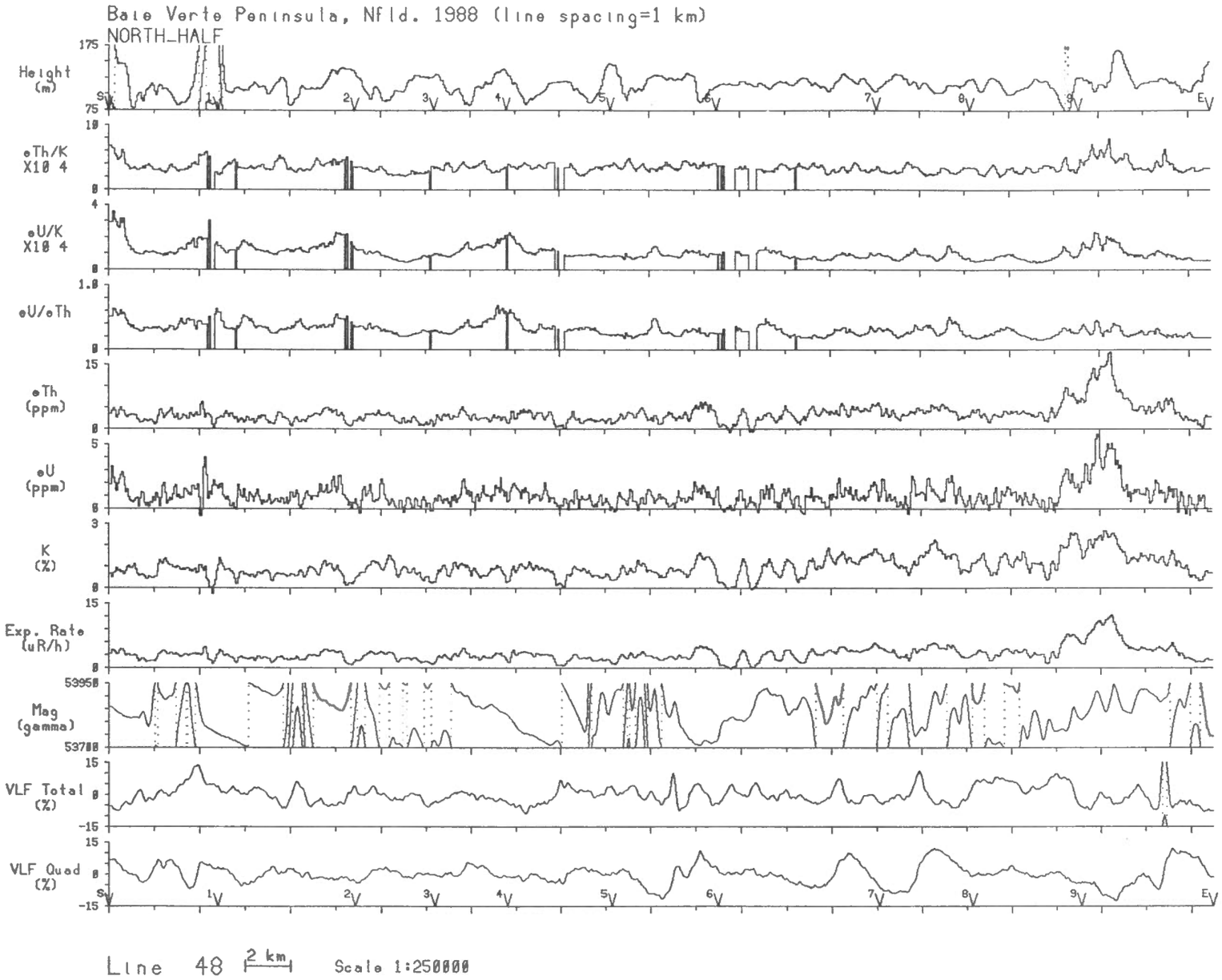

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53858
53688
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
8
9
10
E
Line 44
2 km
Scale 1:250000

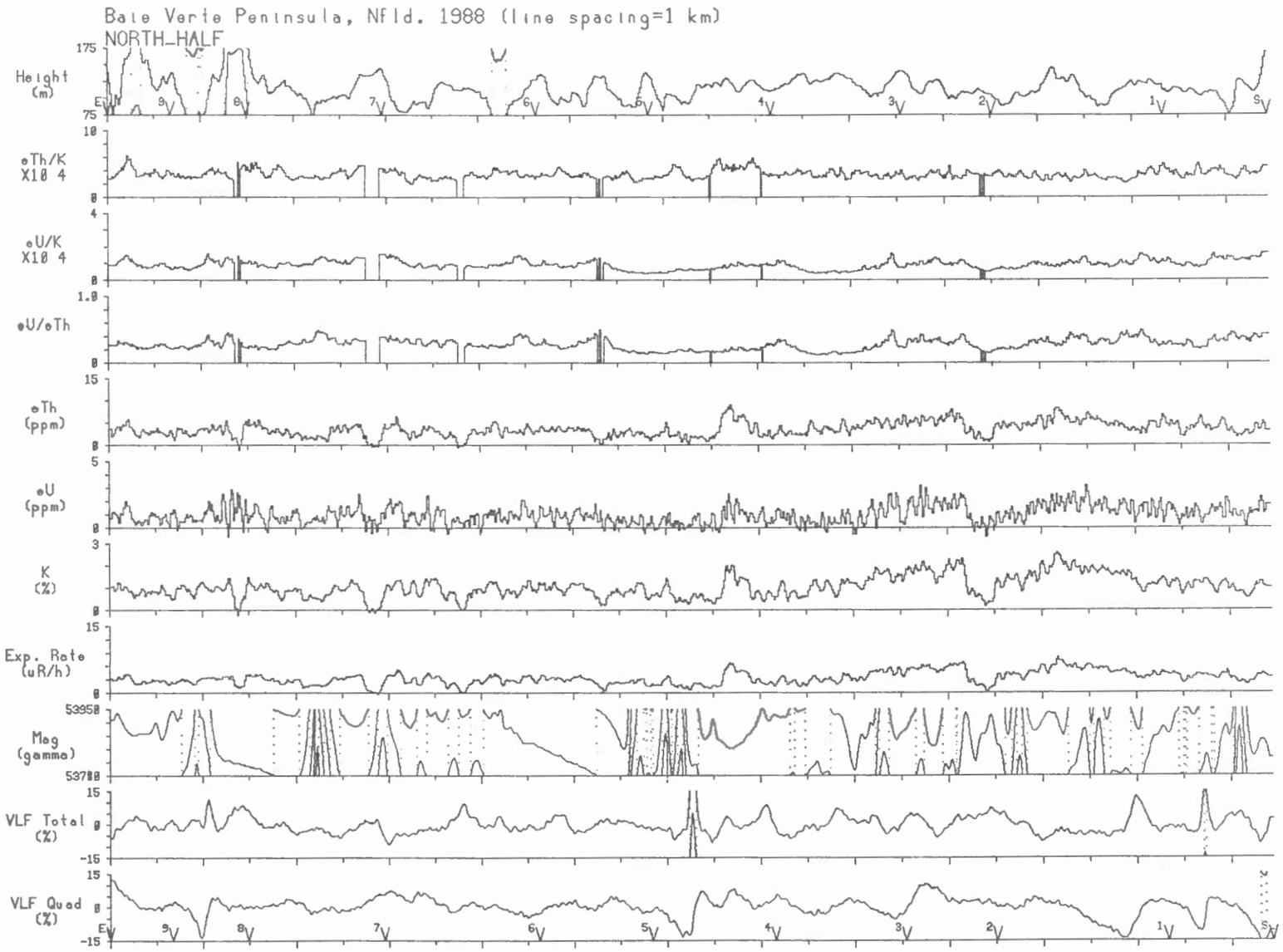

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54850
53800
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
9
8
7
6
5
4
3
2
1
S
Line 45
2 km
Scale 1:250000

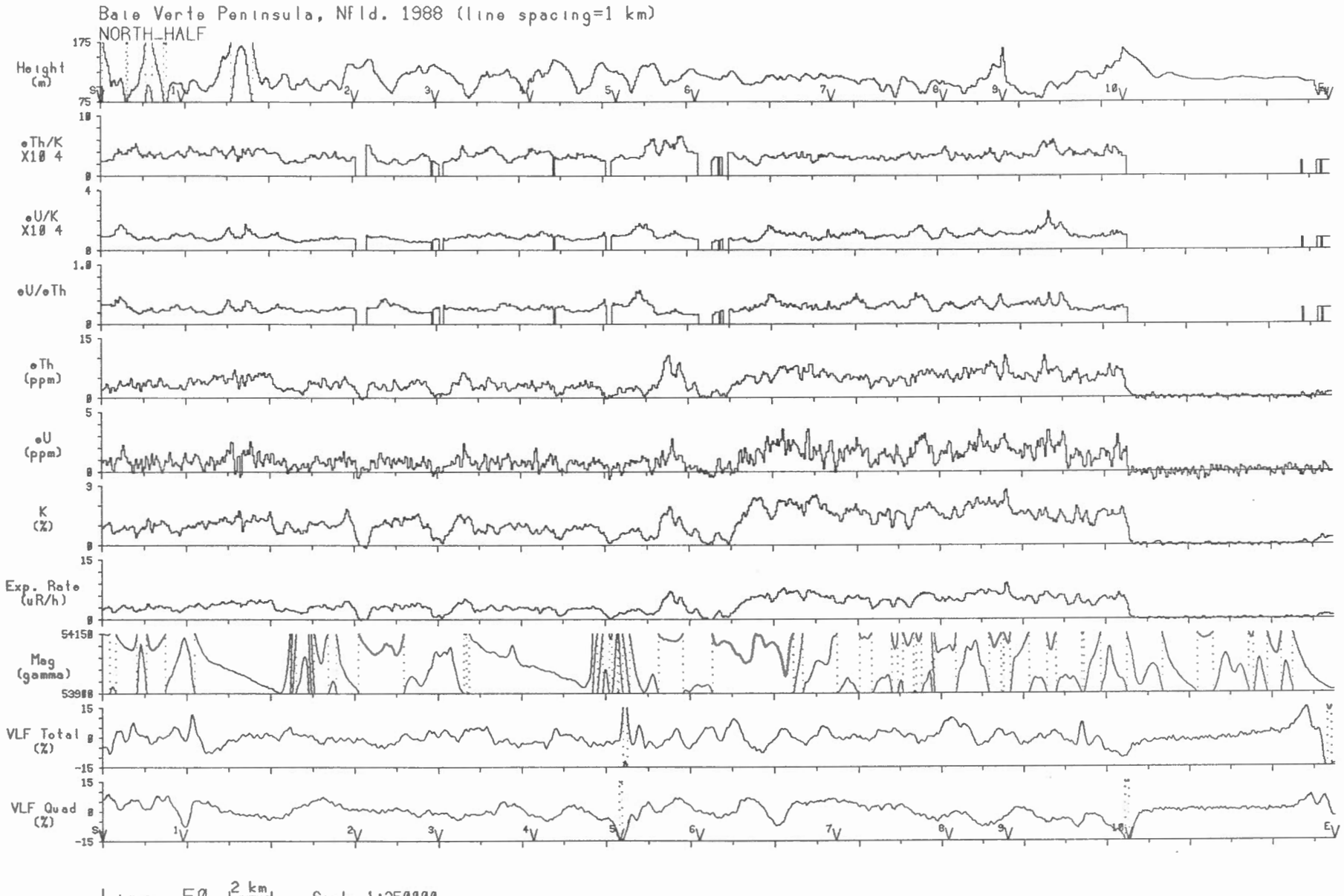


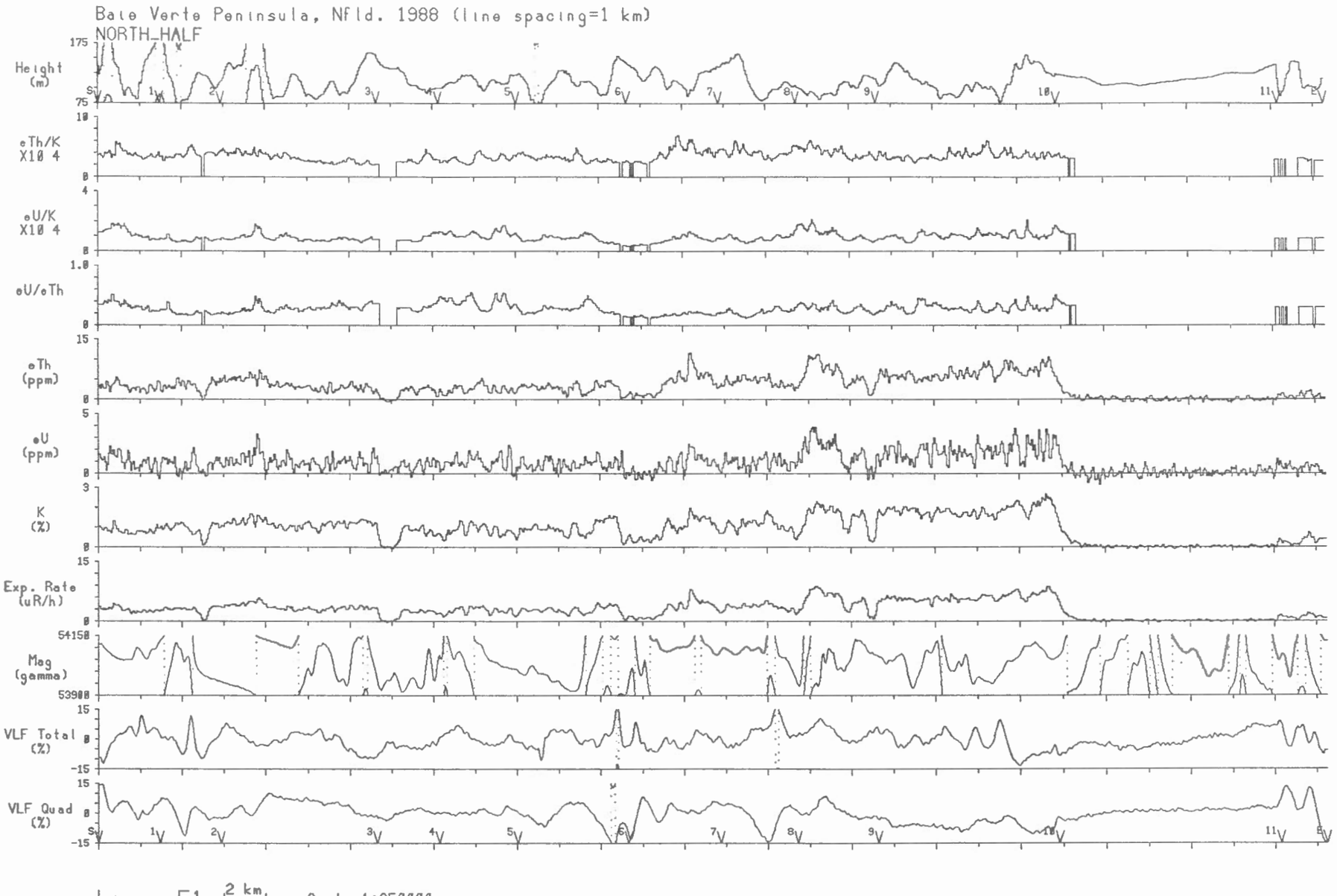
Line 46 2 km Scale 1:250000


Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
E
9
8
7
6
5
4
3
2
1
S
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53958
53788
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
Line 47
2 km
Scale 1:250000

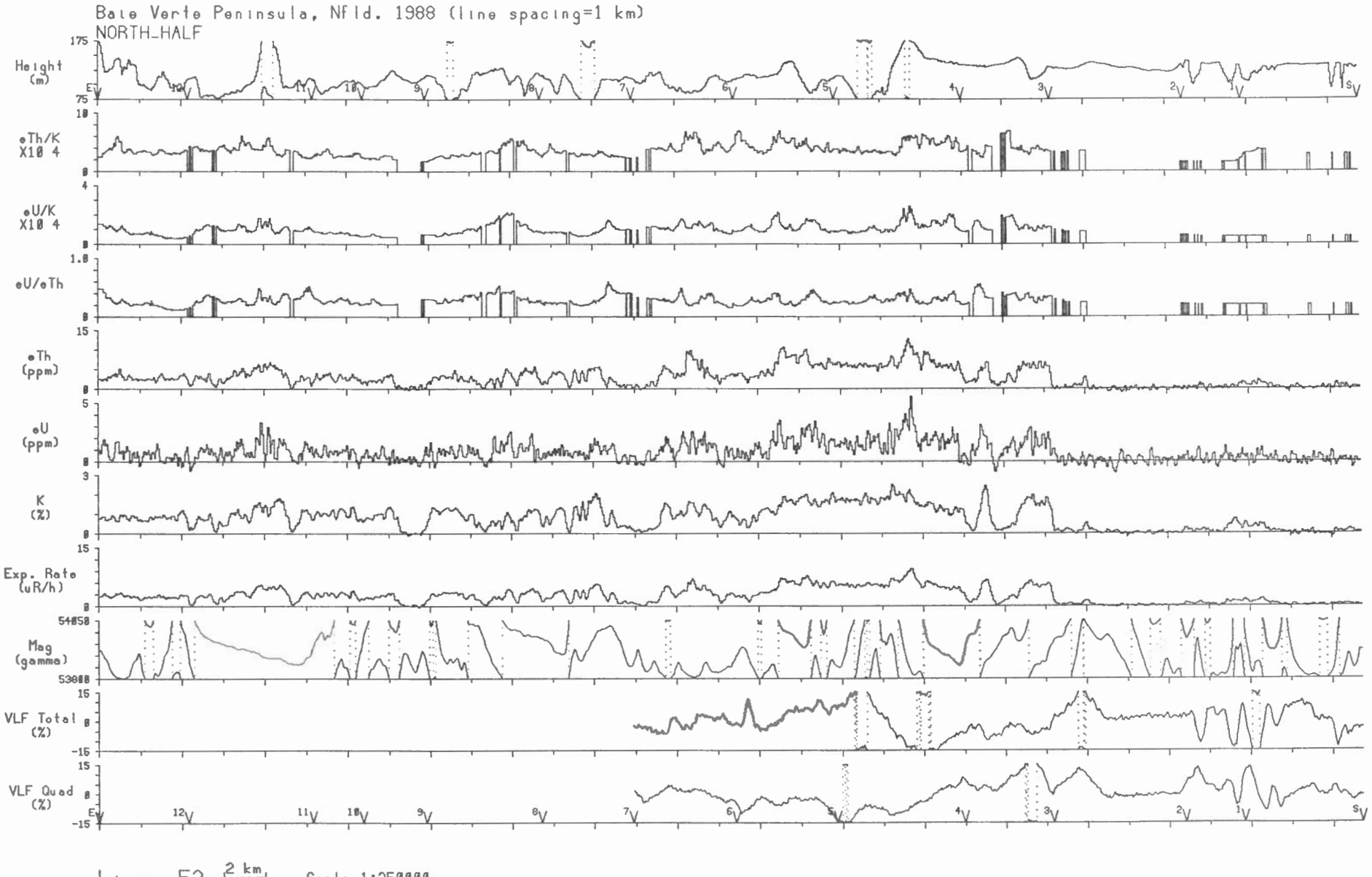

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
1.0
eTh (ppm)
15
eU (ppm)
5
K (%)
3
Exp. Rate (uR/h)
Mag (gamma)
53958
53788
VLF Total (%)
-15
VLF Quad (%)
S
1
2
3
4
5
6
7
8
9
E
Line 48
2 km
Scale 1:250000

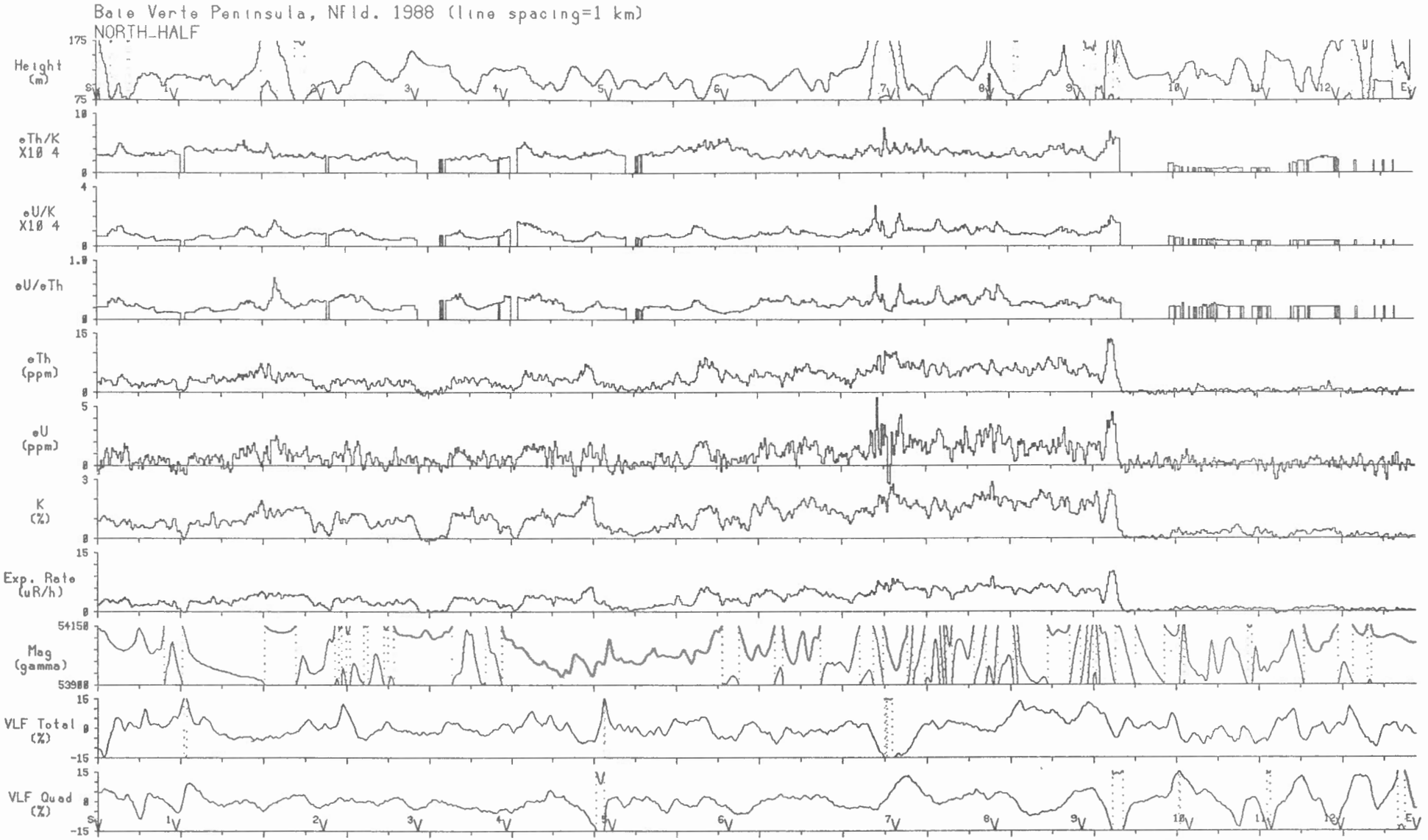

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53958
53788
VLF Total (%)
15
-15
VLF Quad (%)
15
-15
E
9
8
7
6
5
4
3
2
1
S
Line 49
2 km
Scale 1:250000

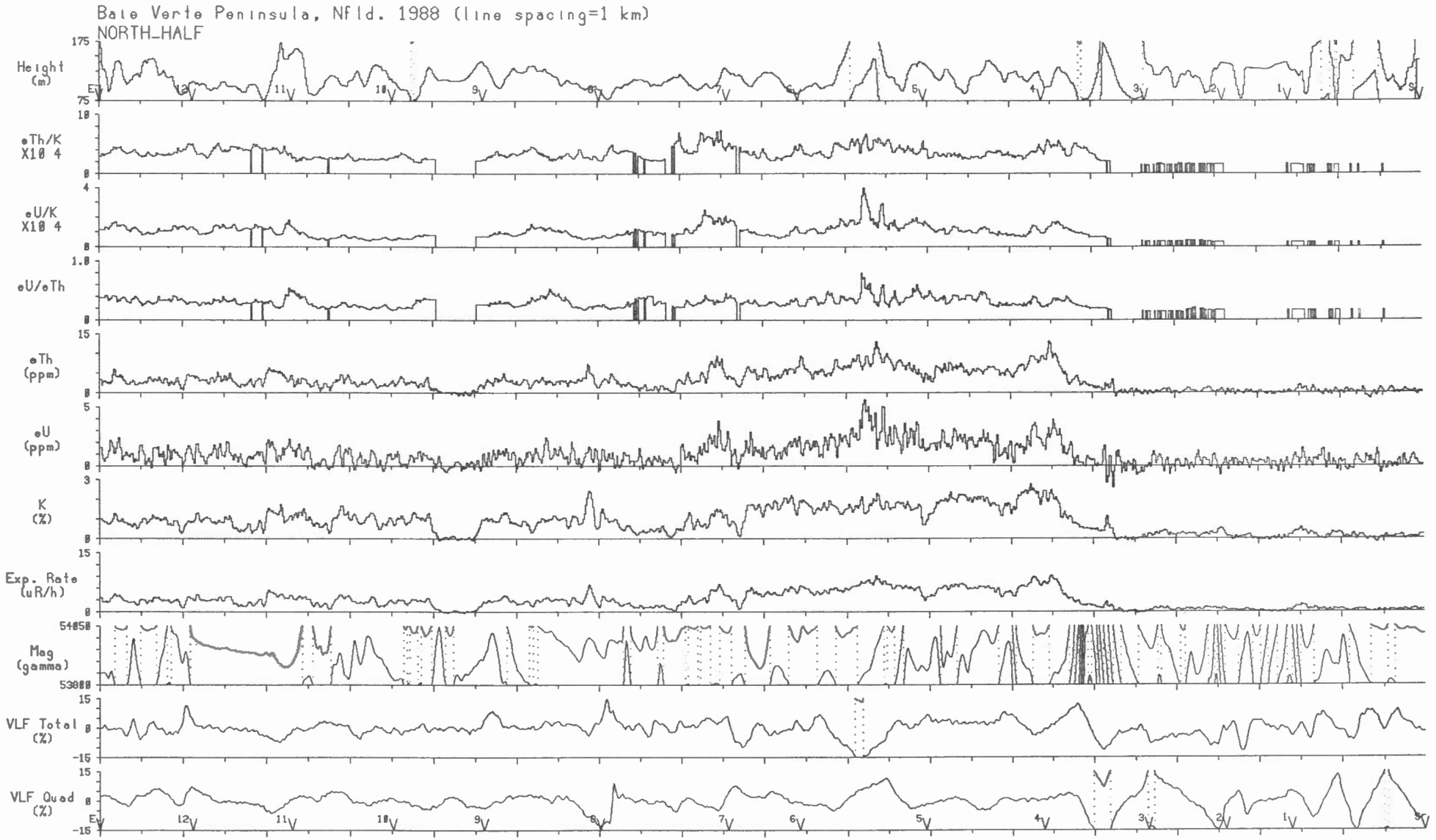

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
1.0
eTh (ppm)
15
eU (ppm)
5
K (%)
3
Exp. Rate (uR/h)
Mag (gamma)
54150
53900
VLF Total (%)
-15
VLF Quad (%)
S
1
2
3
4
5
6
7
8
9
10
E
Line 50
2 km
Scale 1:250000

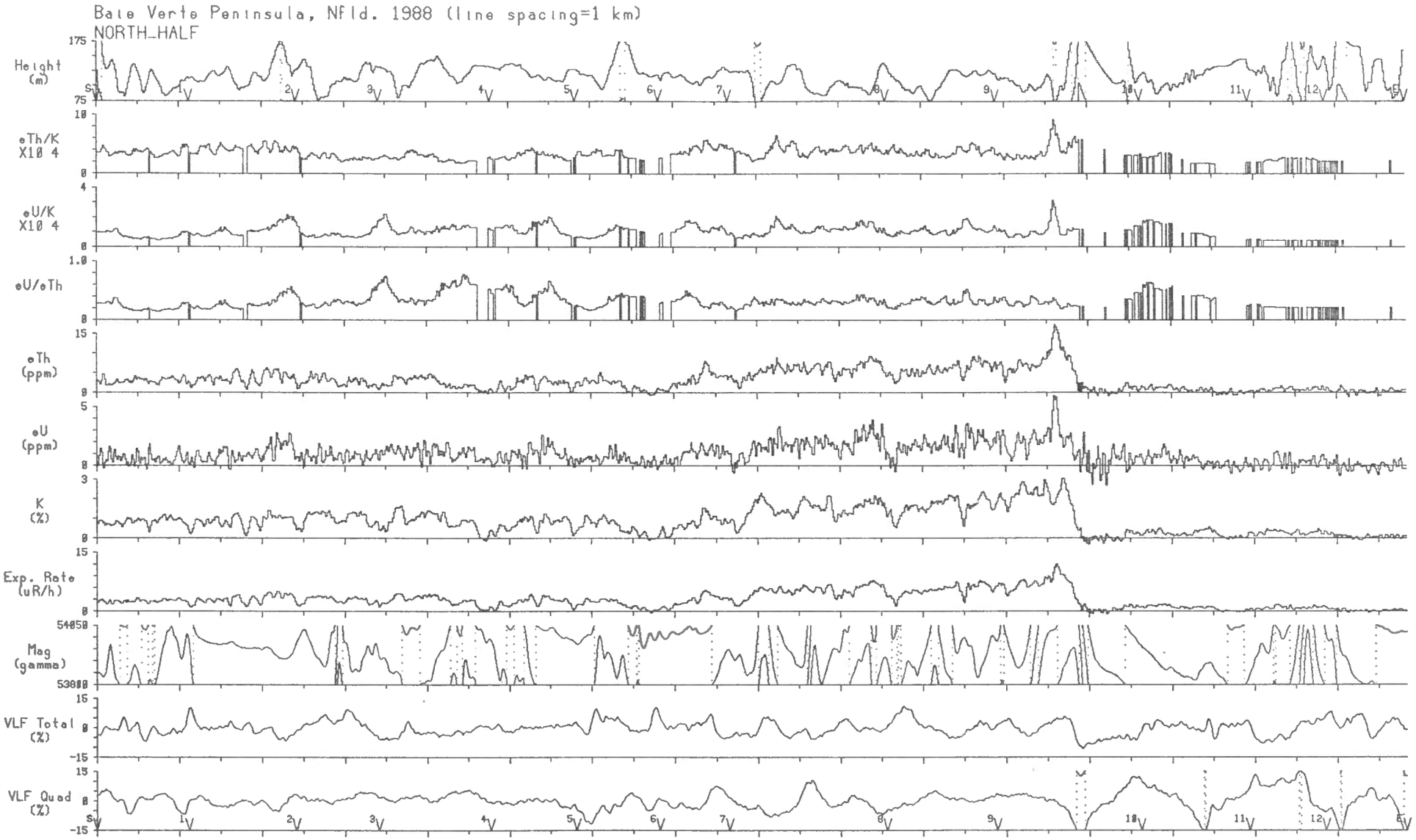


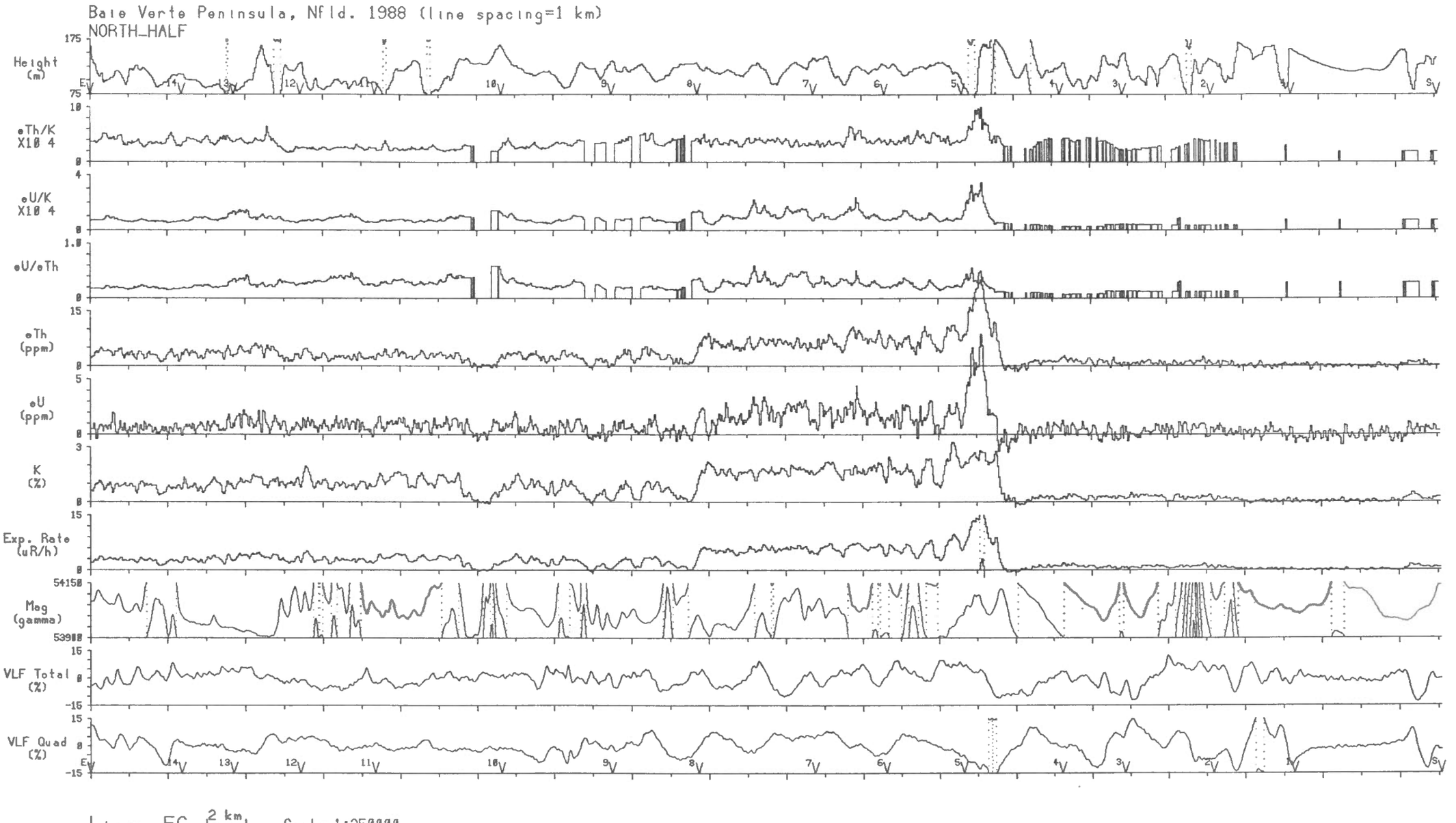
Line 51 2 km Scale 1:250000

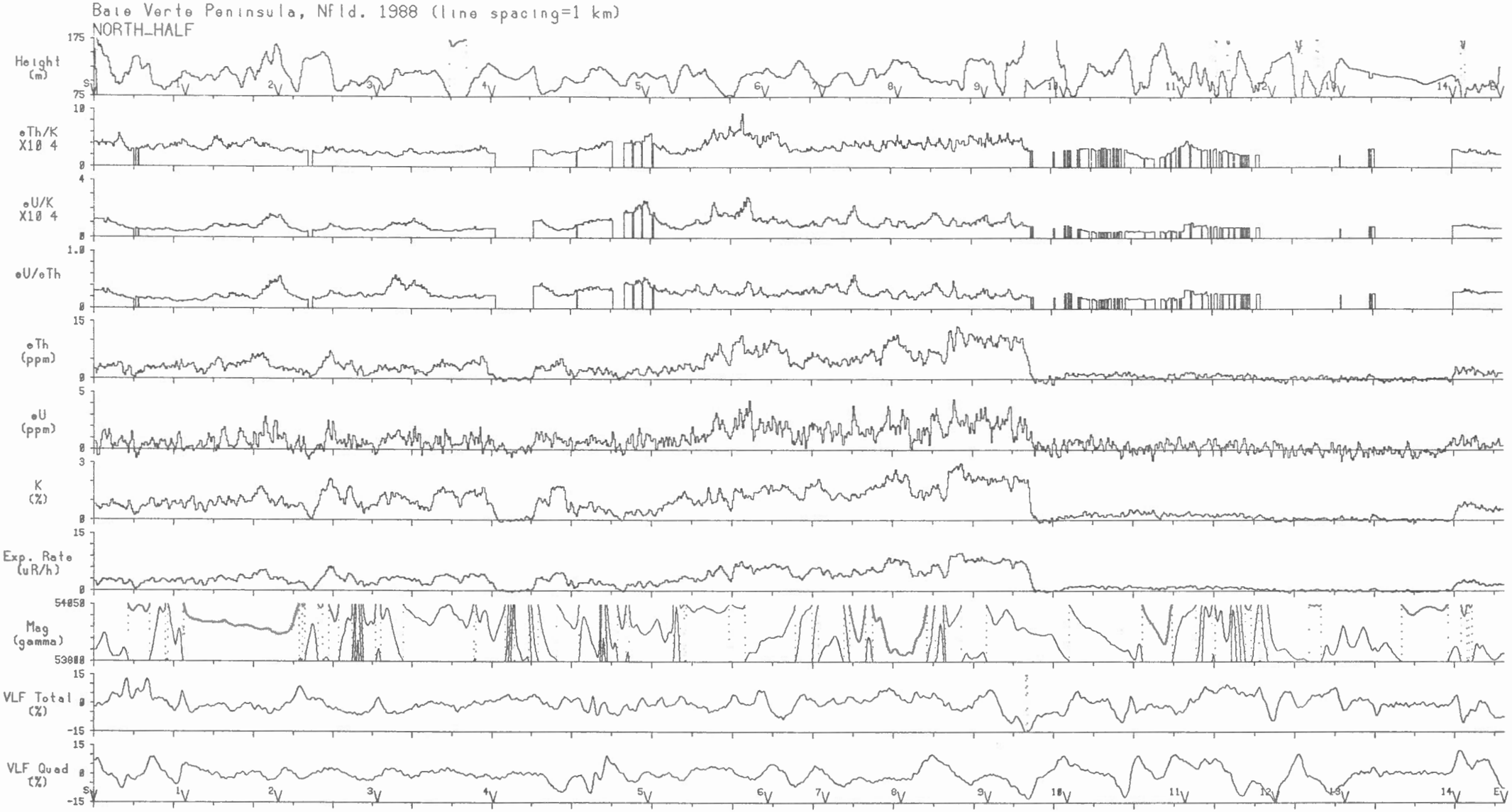

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54858
53888
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
12
11
10
9
8
7
6
5
4
3
2
1
S
Line 52
2 km
Scale 1:250000

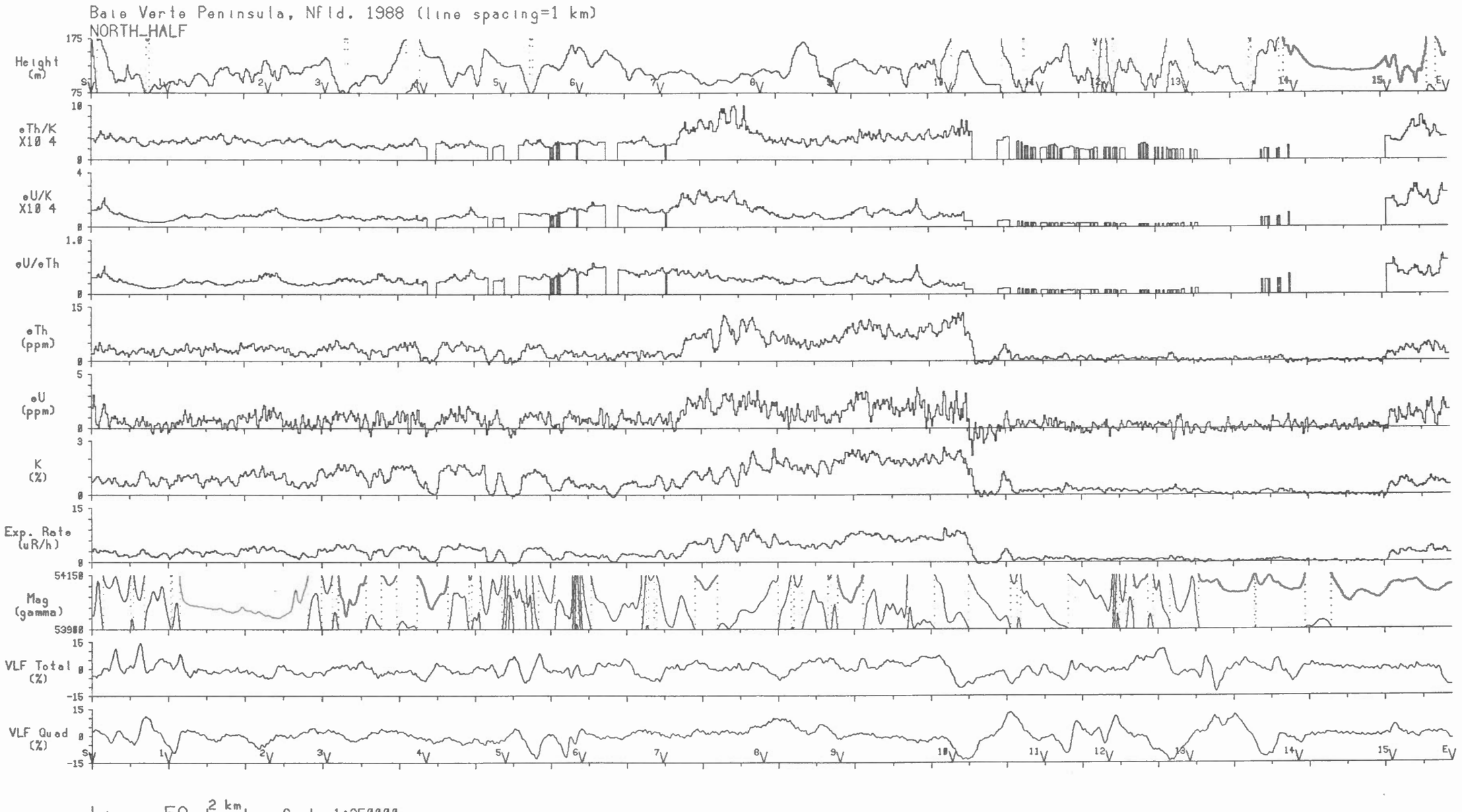

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54150
53980
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
8
9
10
11
12
E
Line 53
2 km
Scale 1:250000

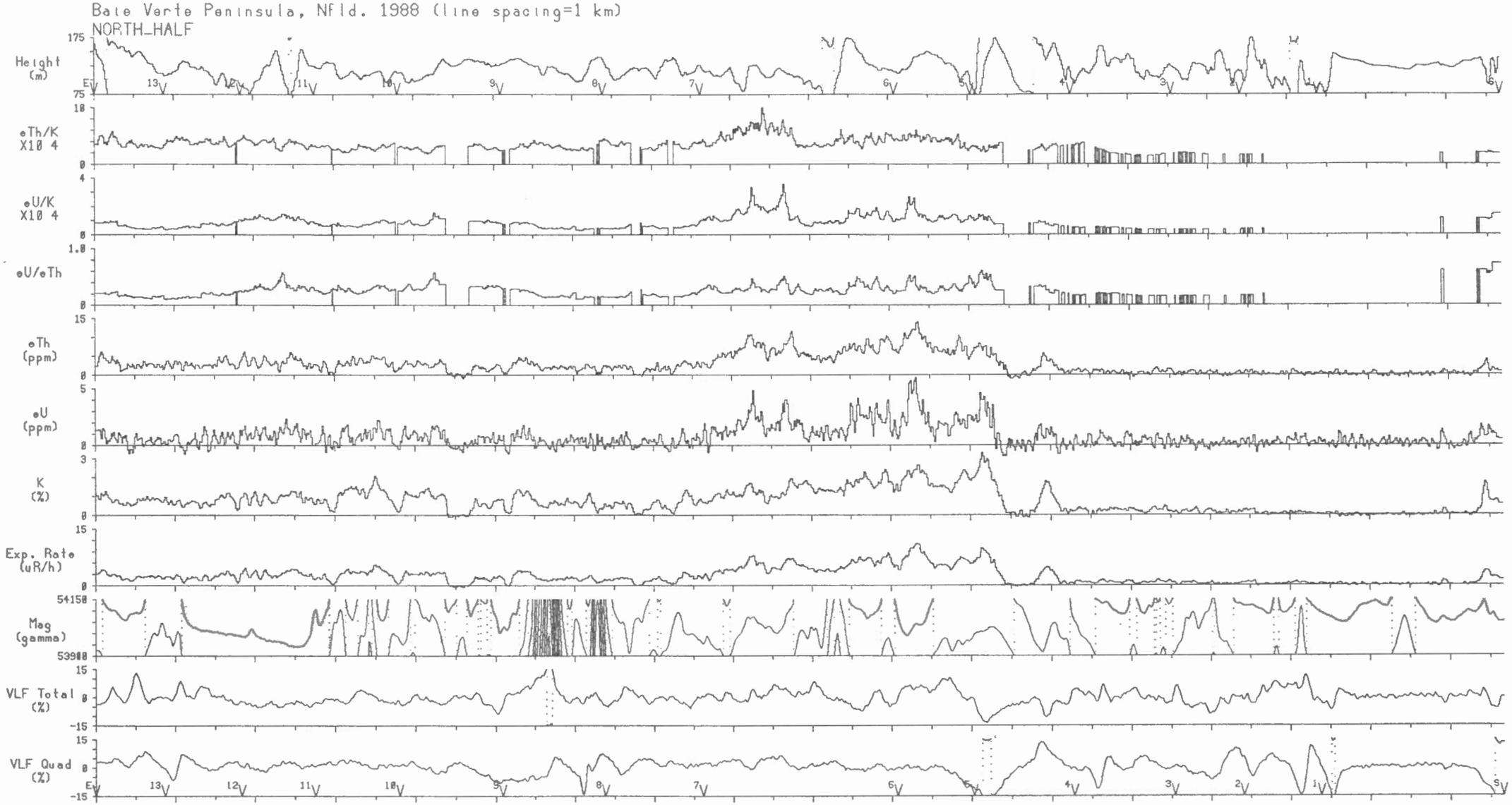

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
1.0
eTh (ppm)
15
eU (ppm)
5
K (%)
3
Exp. Rate (uR/h)
Mag (gamma)
54850
53000
VLF Total (%)
-15
VLF Quad (%)
E
12
11
10
9
8
7
6
5
4
3
2
1
S
Line 54
2 km
Scale 1:250000

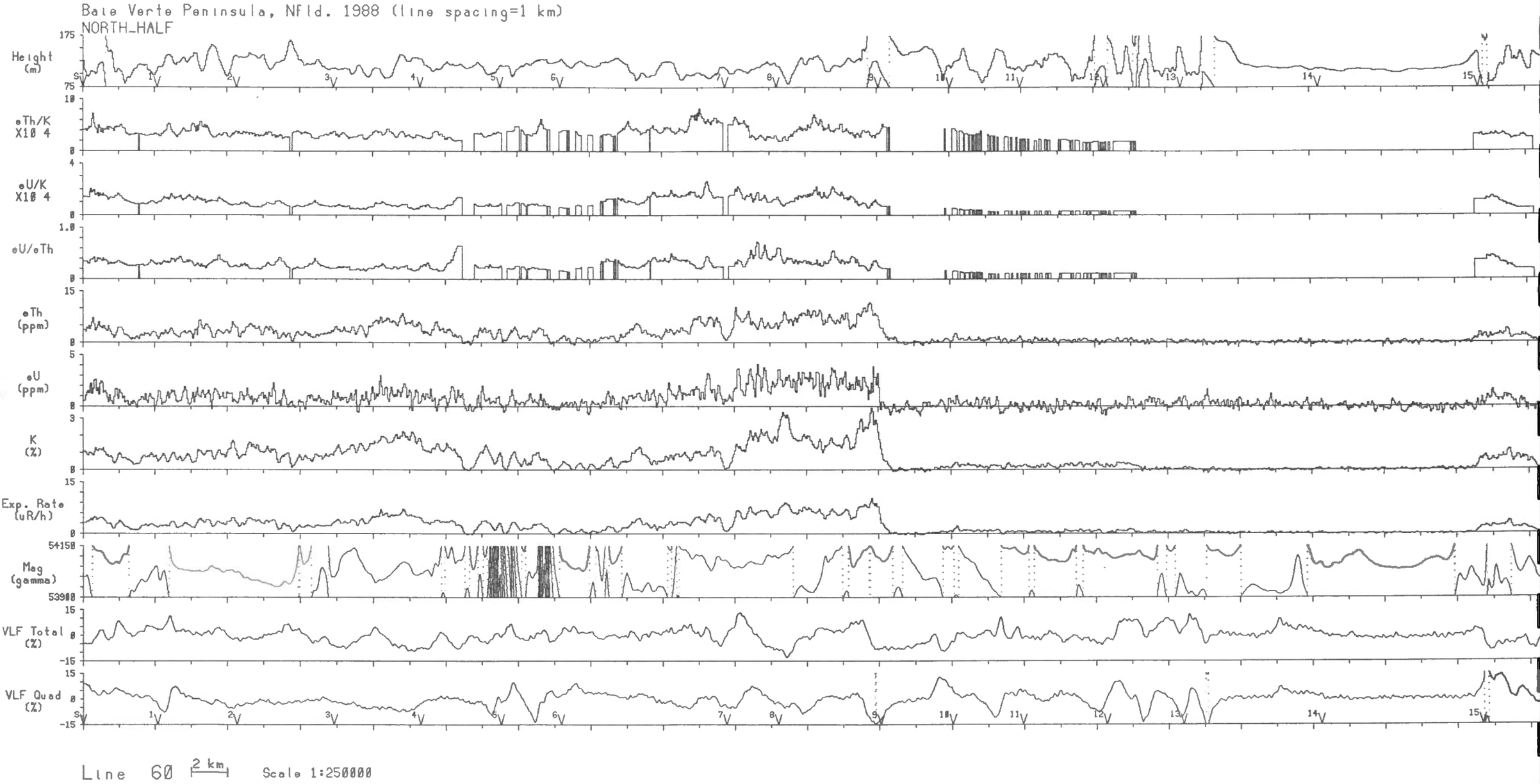

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54850
53800
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
8
9
10
11
12
E
Line 55
2 km
Scale 1:250000

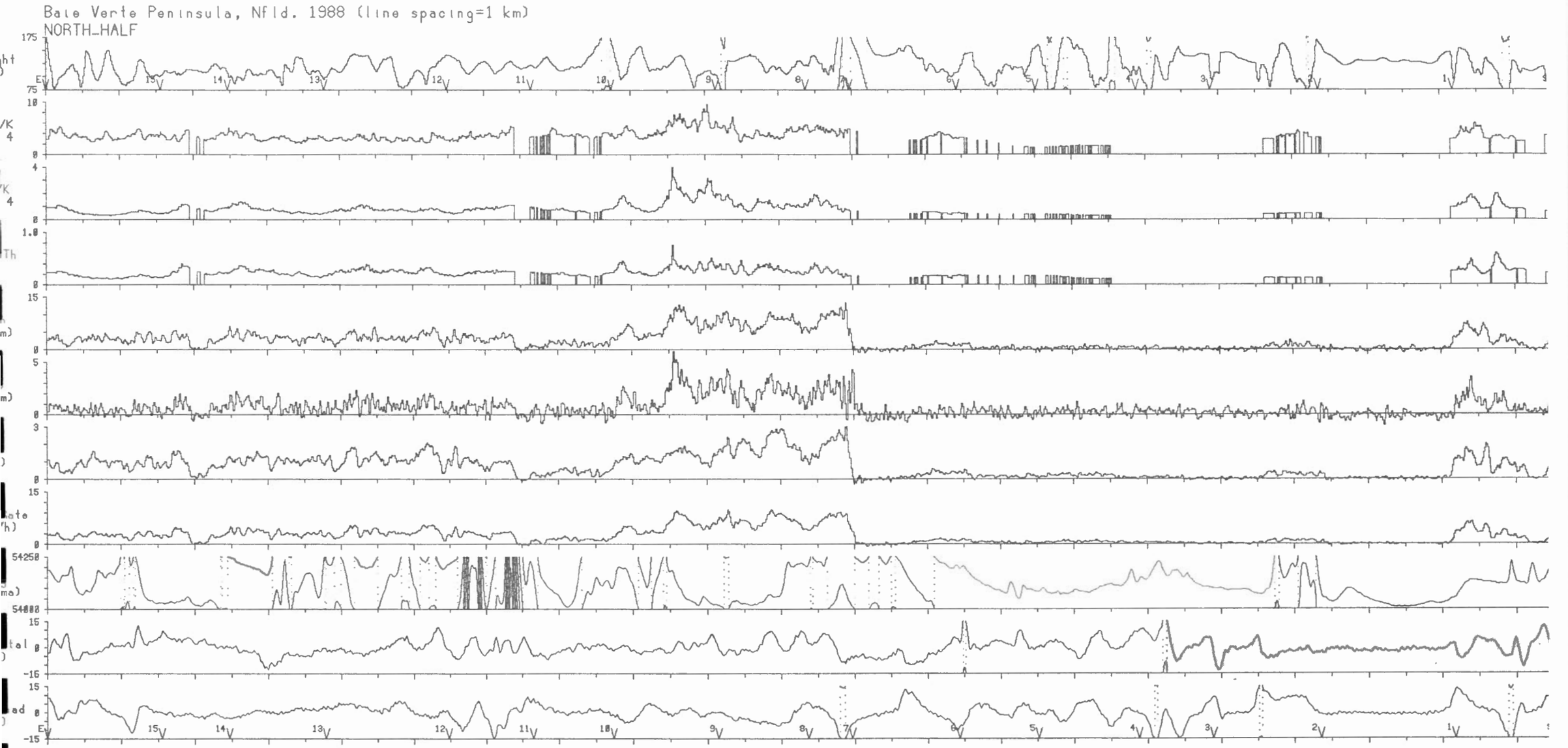

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54150
53900
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
14
13
12
11
10
9
8
7
6
5
4
3
2
1
S
Line 56
2 km
Scale 1:250000


Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54058
53888
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
8
9
10
11
12
13
14
E
Line 57
2 km
Scale 1:250000

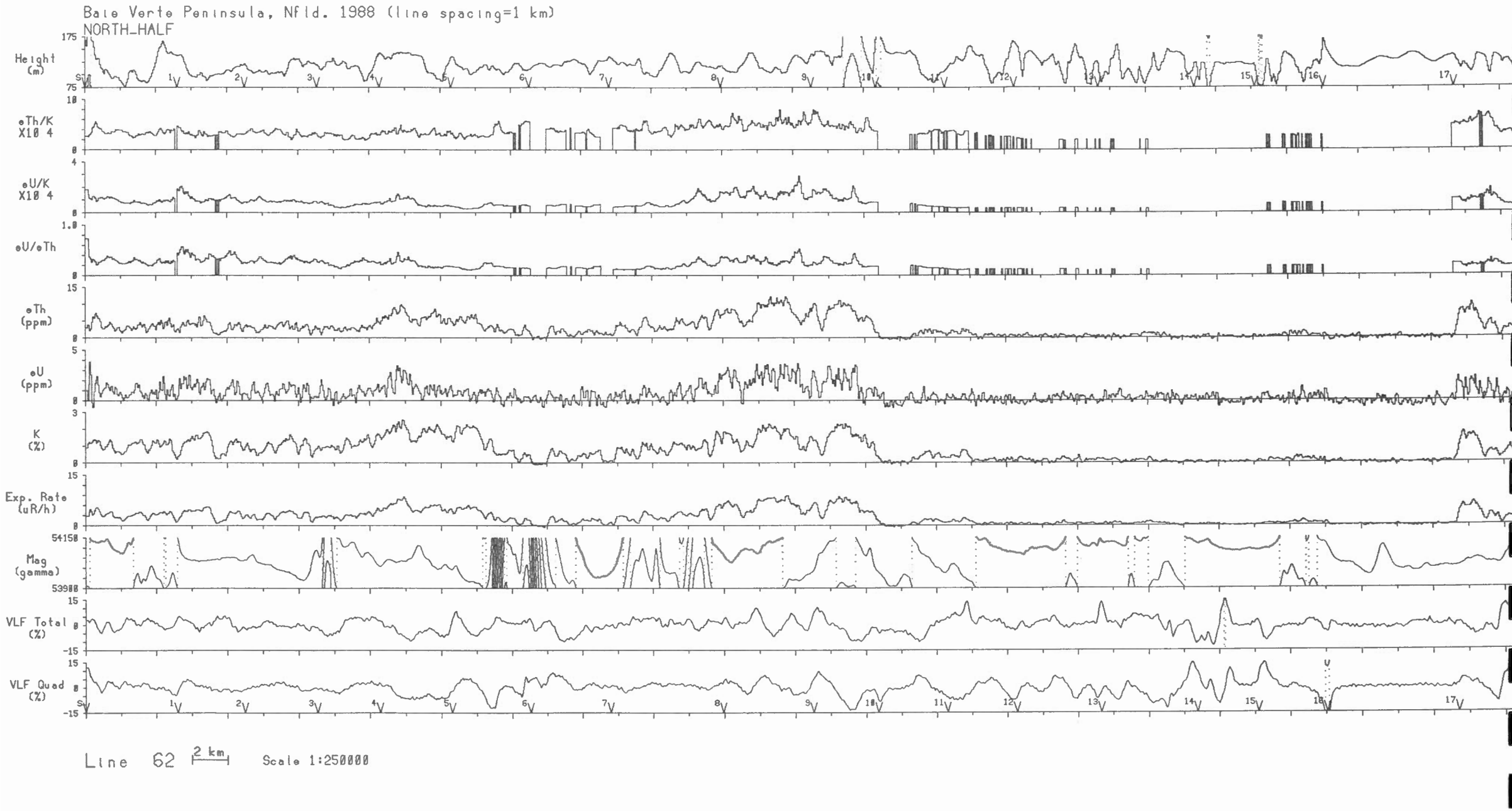

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54150
53900
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
E
Line 58
2 km
Scale 1:250000

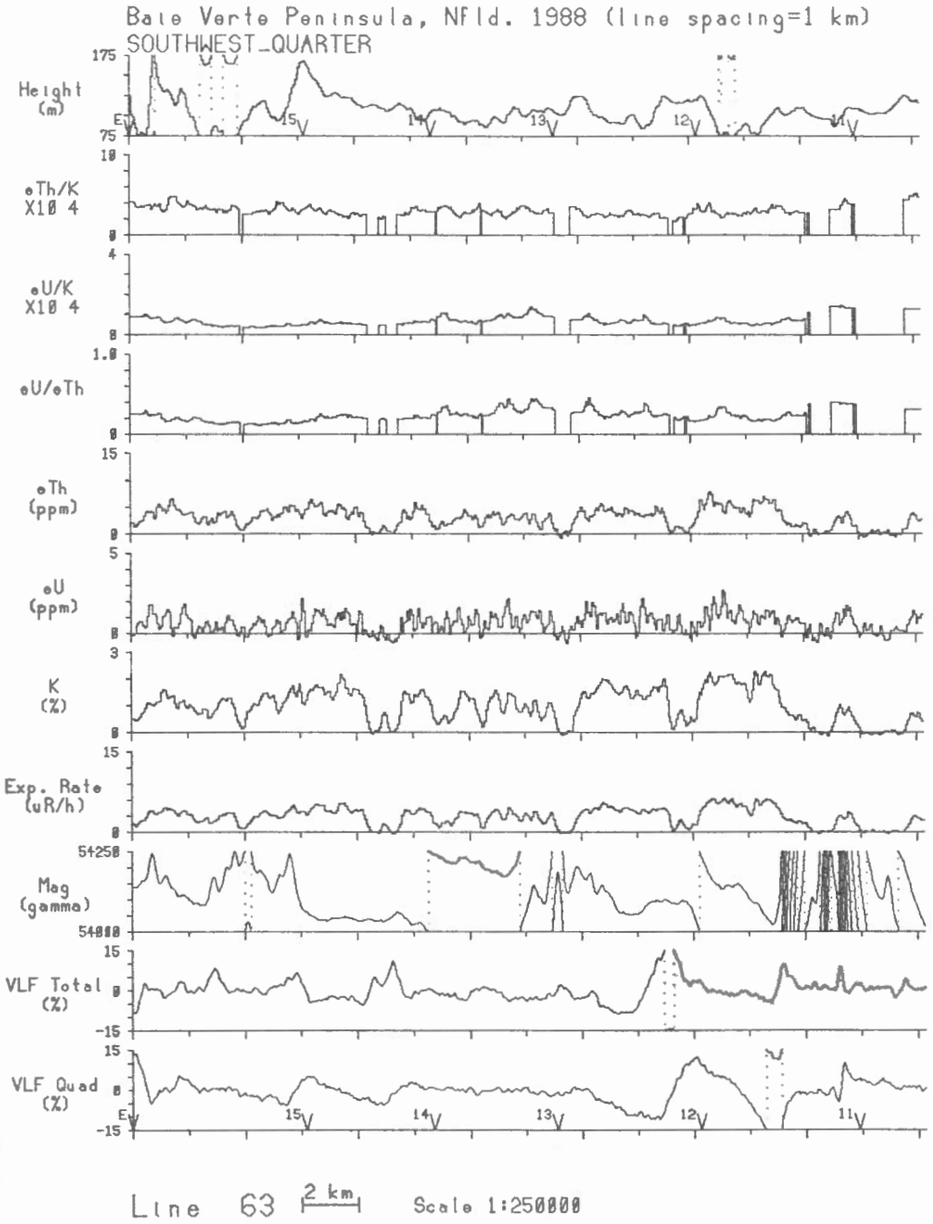

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54158
53988
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
13
12
11
10
9
8
7
6
5
4
3
2
1
S
Line 59
2 km
Scale 1:250000

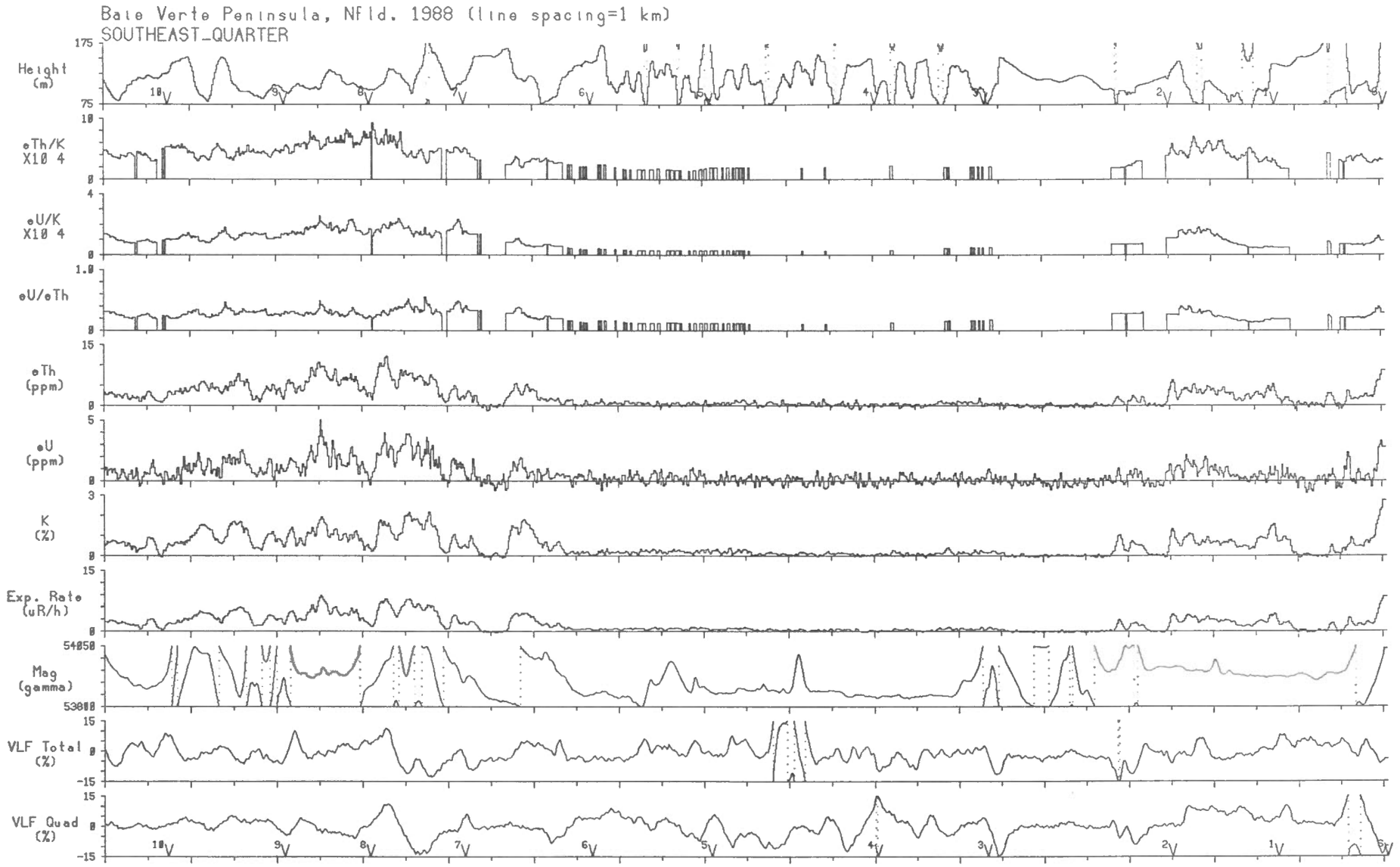

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54150
53900
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Line 60
2 km
Scale 1:250000

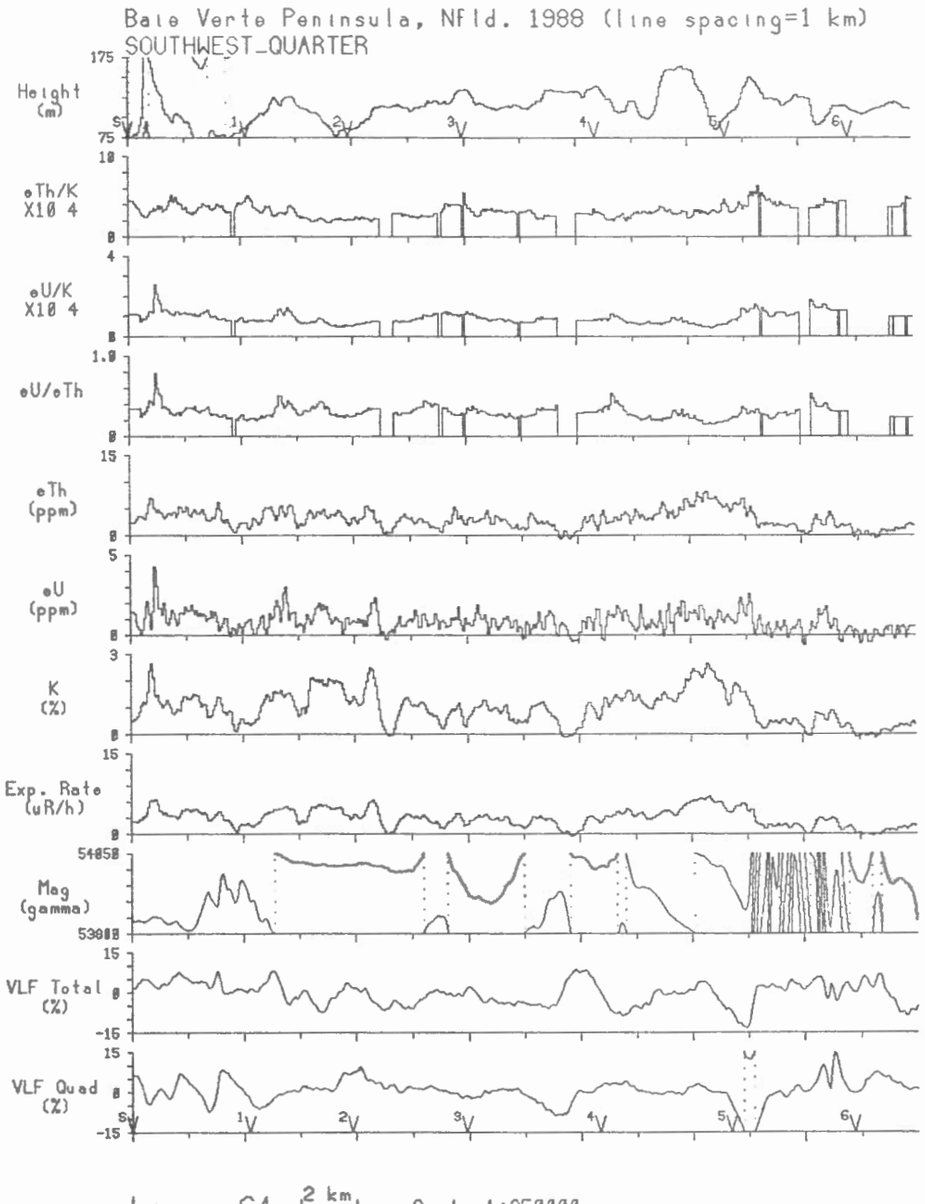


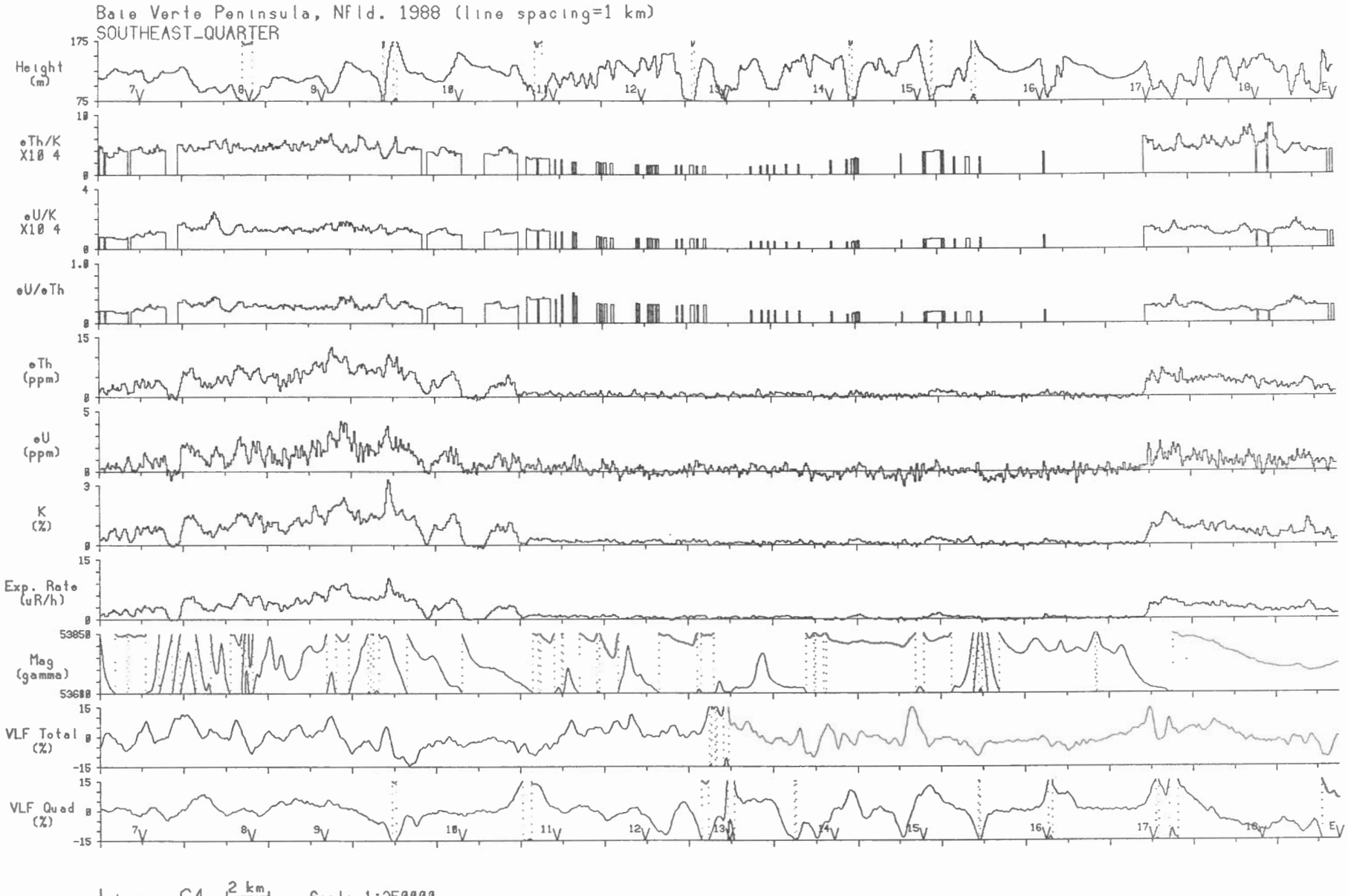
Line 61 2 km Scale 1:250000

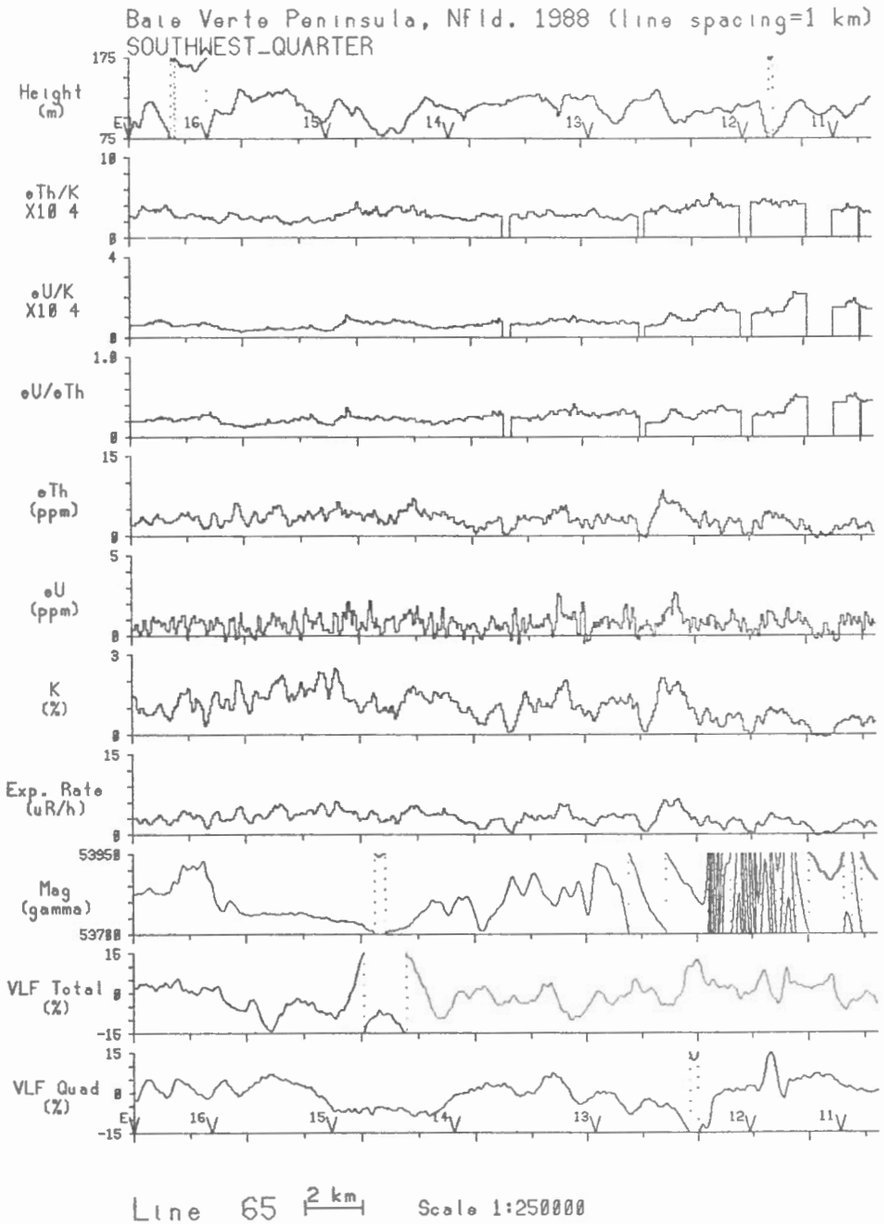

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
NORTH_HALF
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
1.0
eTh (ppm)
15
eU (ppm)
5
K (%)
3
Exp. Rate (uR/h)
Mag (gamma)
54150
53900
VLF Total (%)
-15
VLF Quad (%)
S
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
Line 62
2 km
Scale 1:250000


Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
E
15
14
13
12
11
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54250
54000
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
15
14
13
12
11
Line 63
2 km
Scale 1:250000

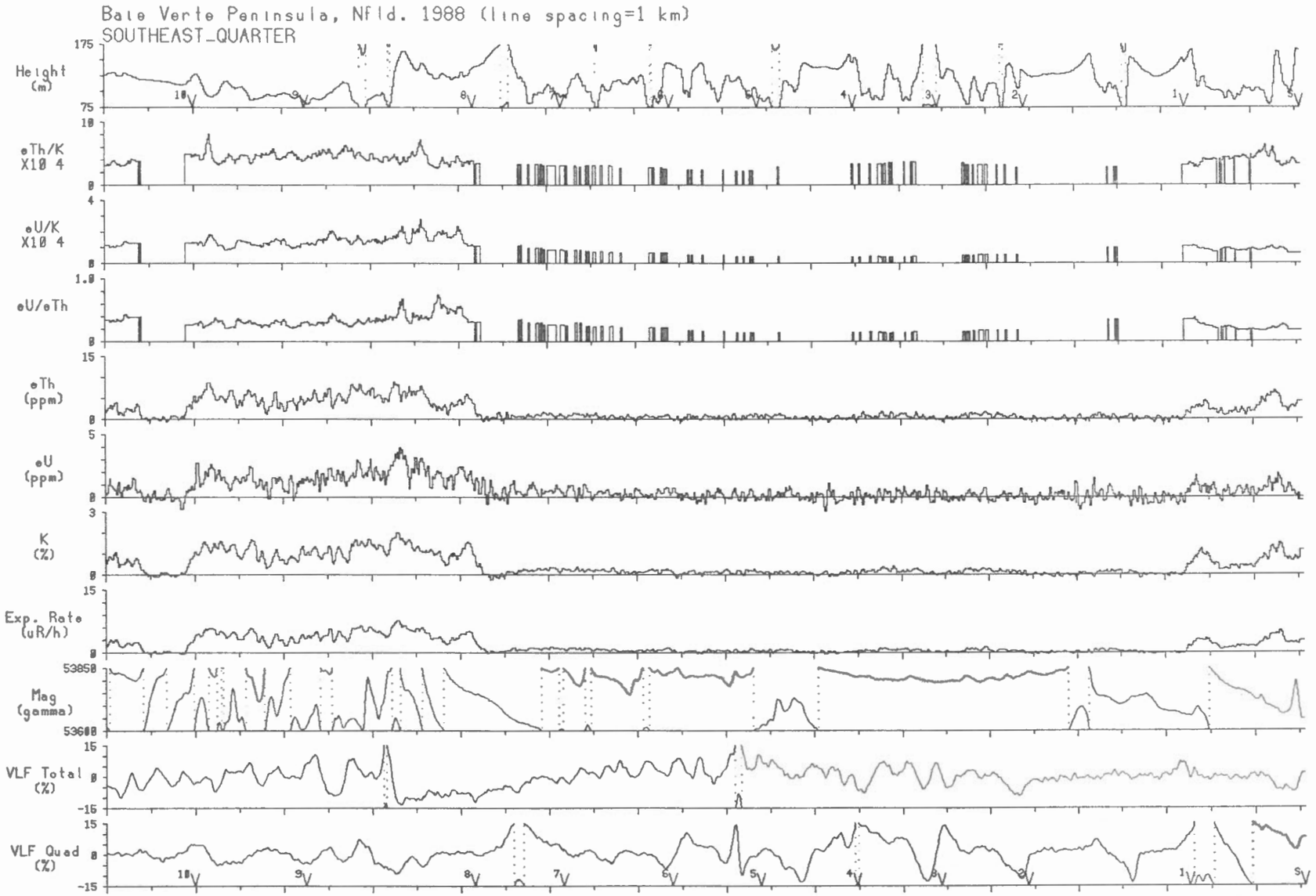

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54050
53000
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
10
9
8
7
6
5
4
3
2
1
0
Line 63
2 km
Scale 1:250000

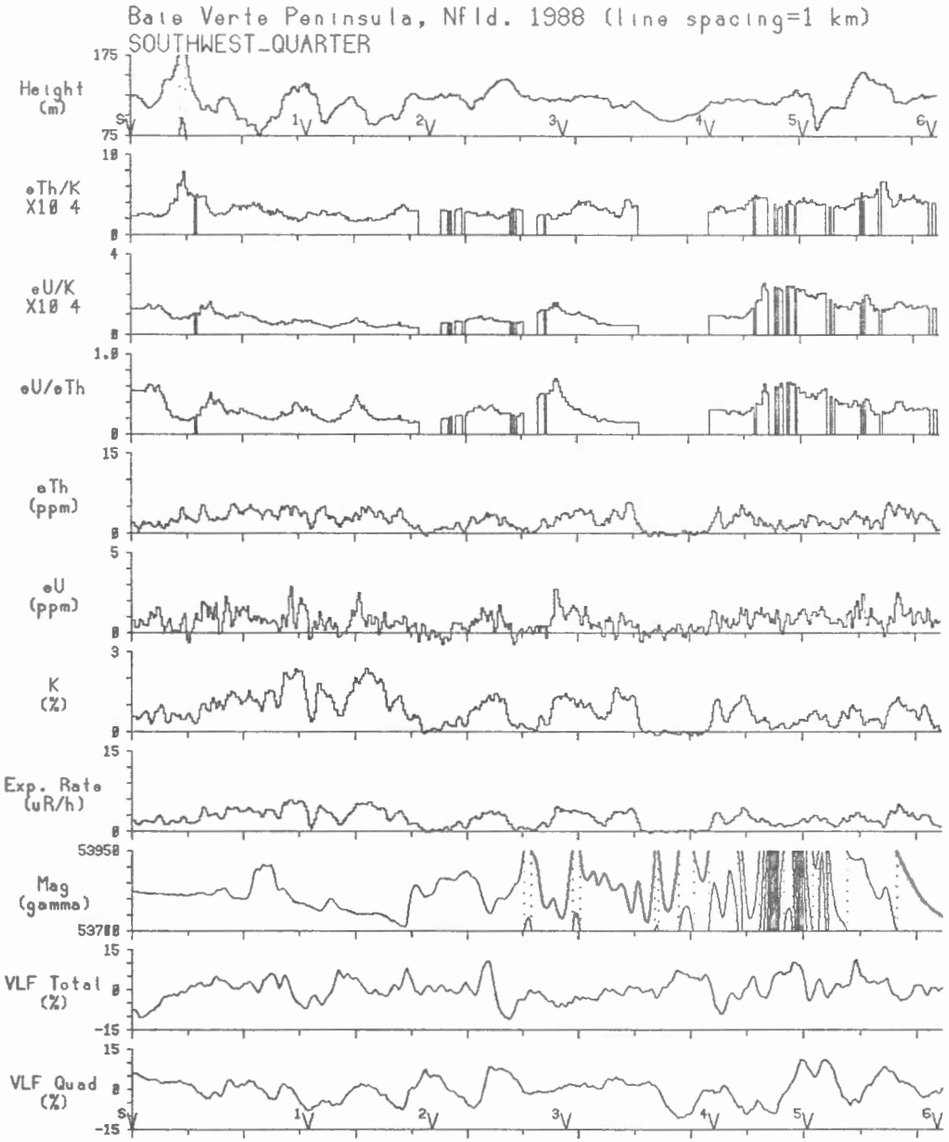

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
1.0
eTh (ppm)
15
eU (ppm)
5
K (%)
3
Exp. Rate (uR/h)
Mag (gamma)
54858
53888
VLF Total (%)
-15
VLF Quad (%)
S
1
2
3
4
5
6
Line 64
2 km
Scale 1:250000

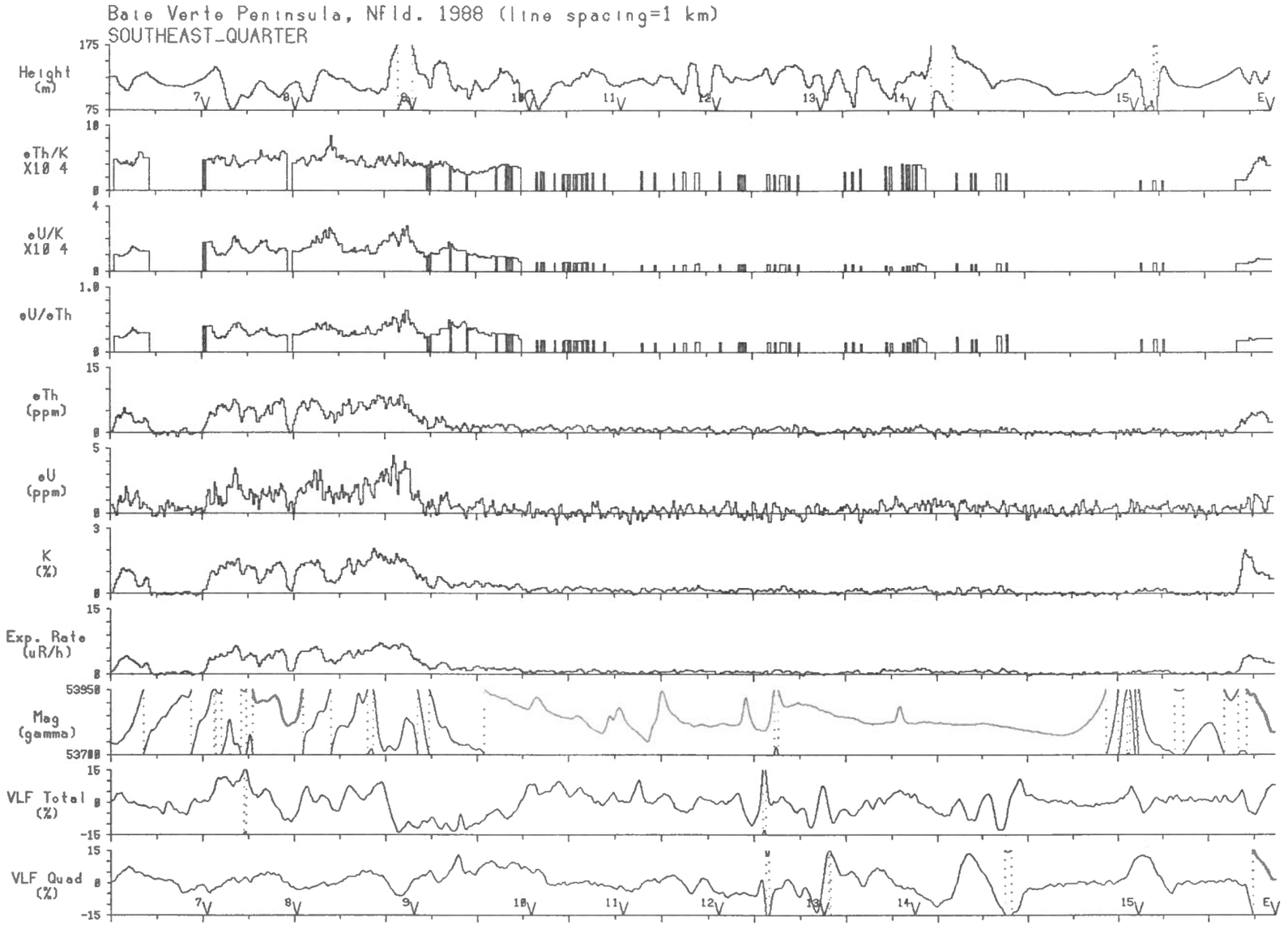

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
1.0
eTh (ppm)
15
eU (ppm)
5
K (%)
3
Exp. Rate (uR/h)
Mag (gamma)
53858
53688
VLF Total (%)
-15
VLF Quad (%)
7
8
9
10
11
12
13
14
15
16
17
18
E
Line 64
2 km
Scale 1:250000

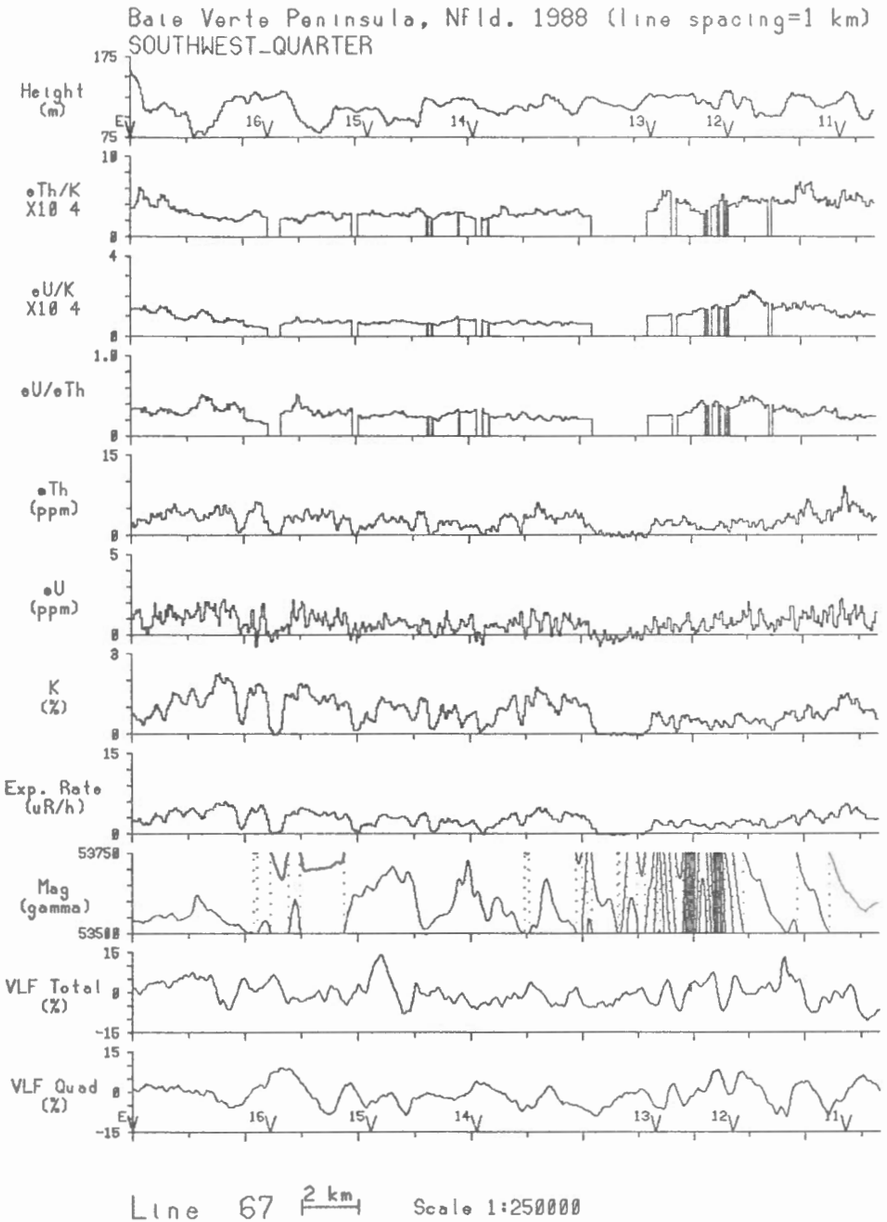


Line 65 2 km Scale 1:250000

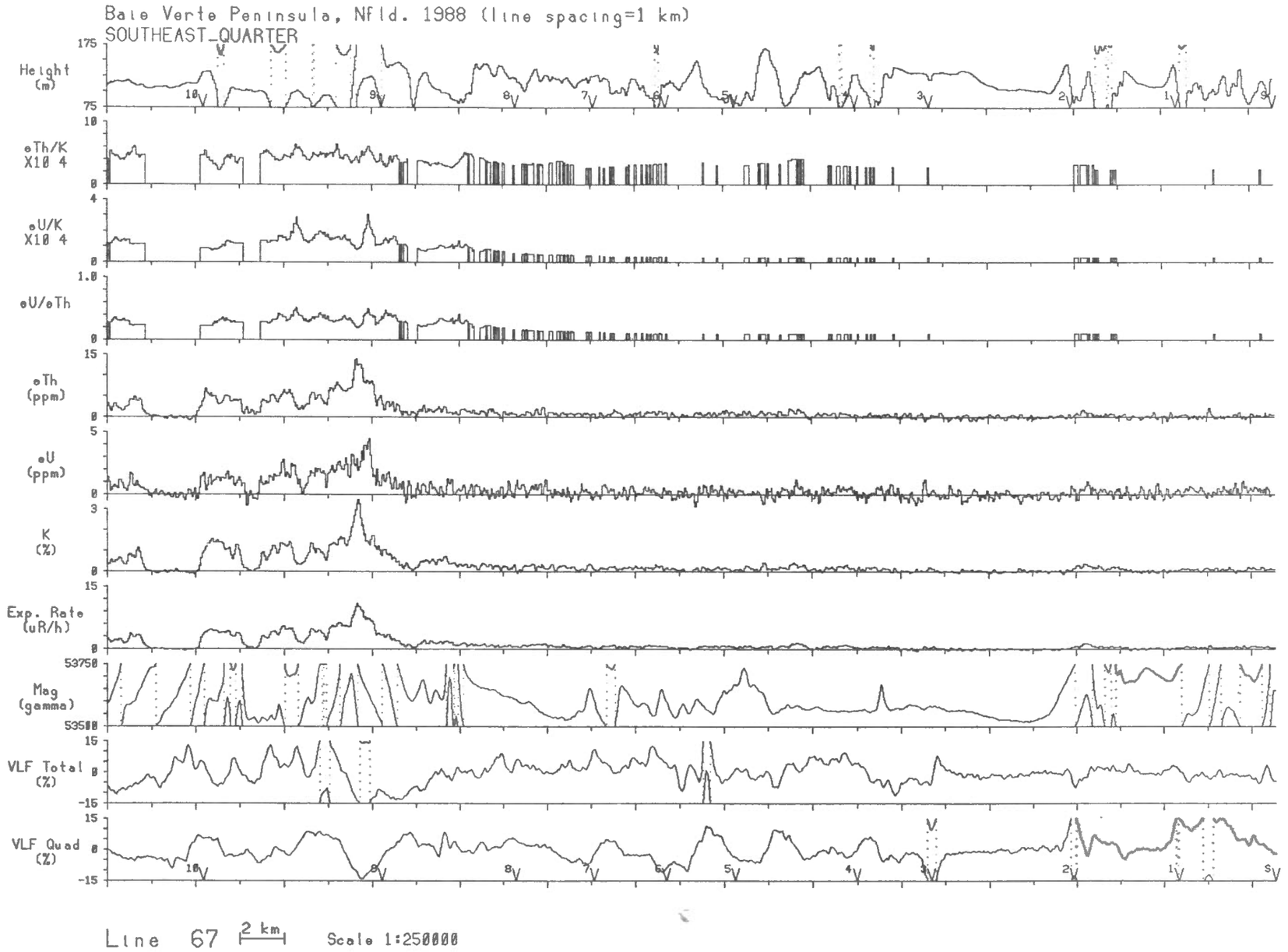

Bale Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
eTh (ppm)
eU (ppm)
K (%)
Exp. Rate (uR/h)
Mag (gamma)
53850
53600
VLF Total (%)
VLF Quad (%)
15
-15
Line 65
2 km
Scale 1:250000

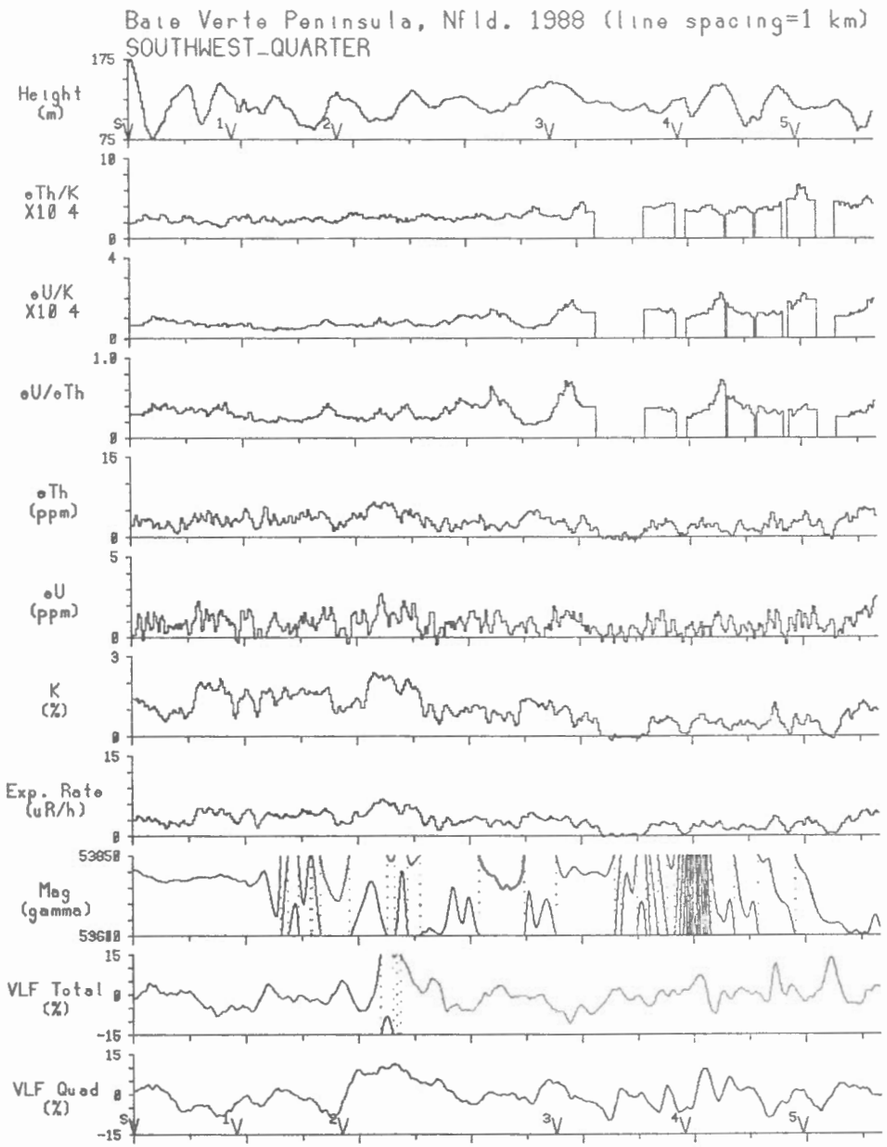

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53950
53700
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
Line 66
2 km
Scale 1:250000


Bale Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53958
53788
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
7
8
9
10
11
12
13
14
15
E
Line 66
2 km
Scale 1:250000

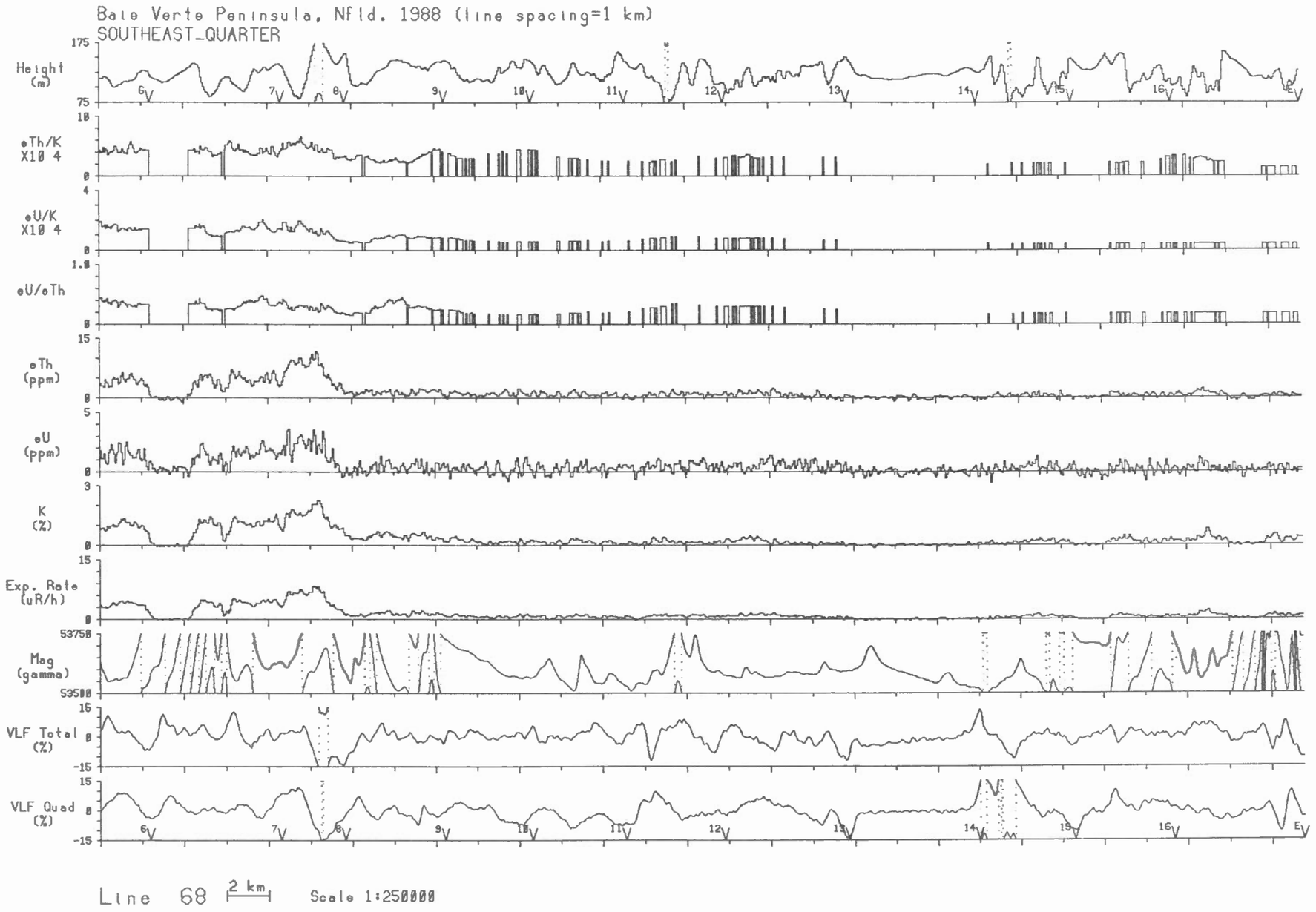


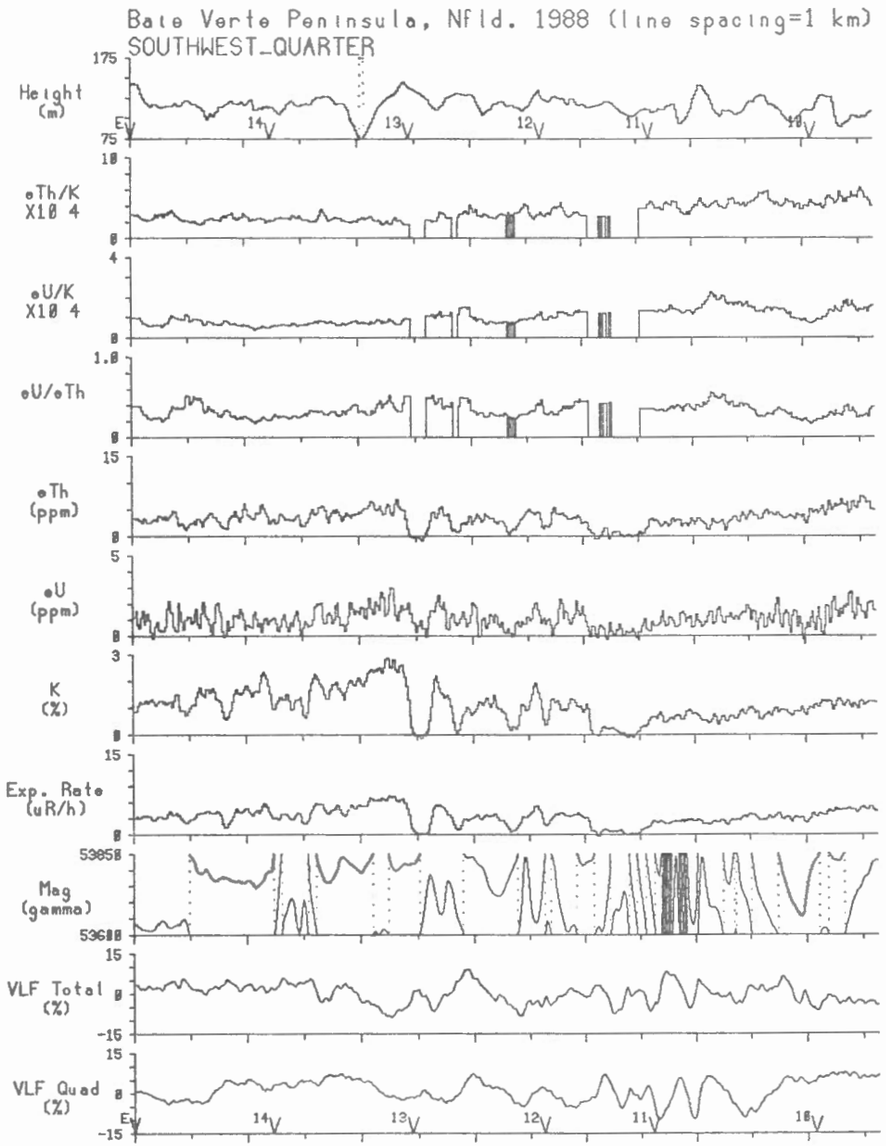
Line 67 2 km Scale 1:250000

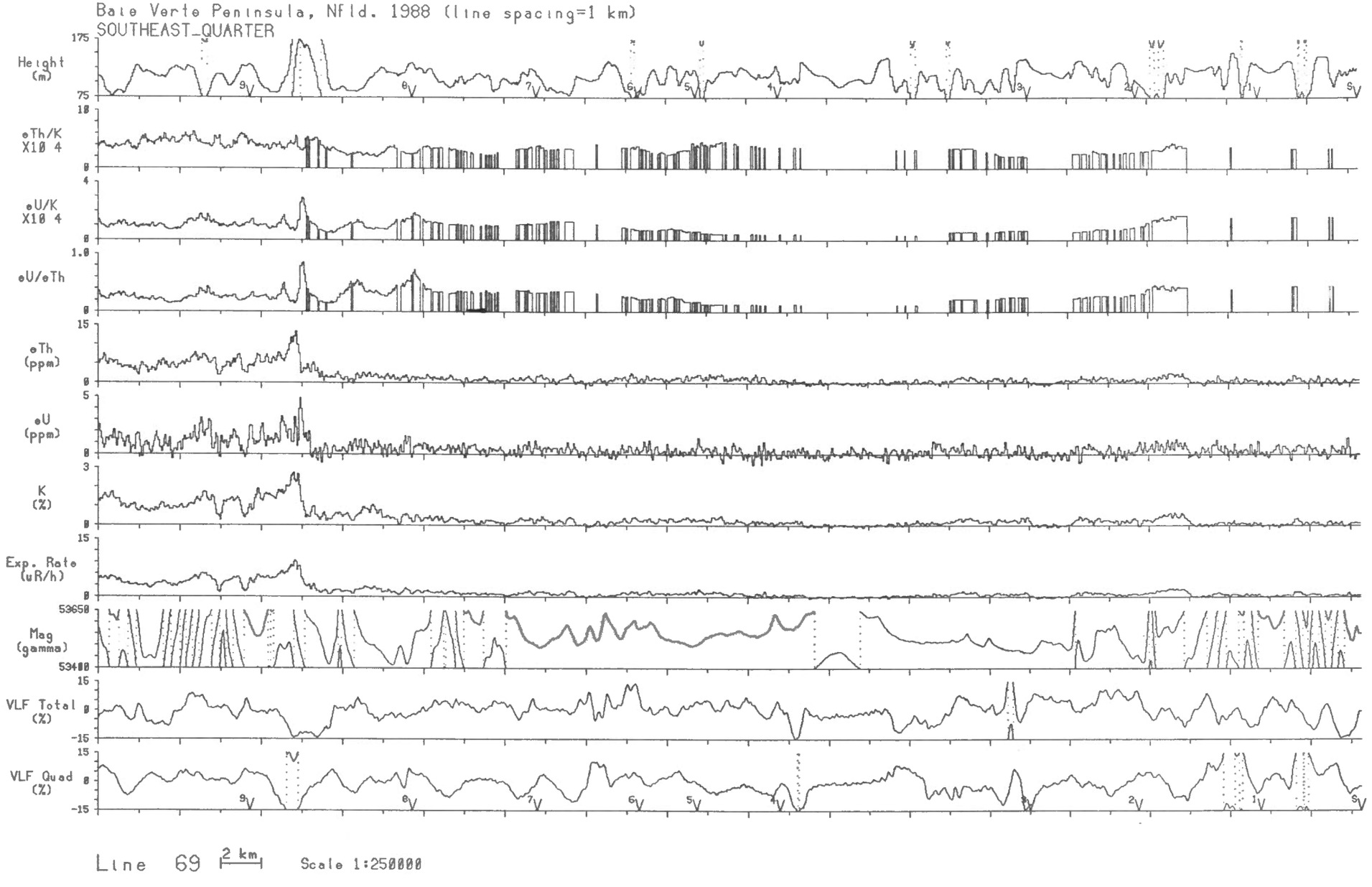

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53750
53500
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
10
9
8
7
6
5
4
3
2
1
0
Line 67
2 km
Scale 1:250000

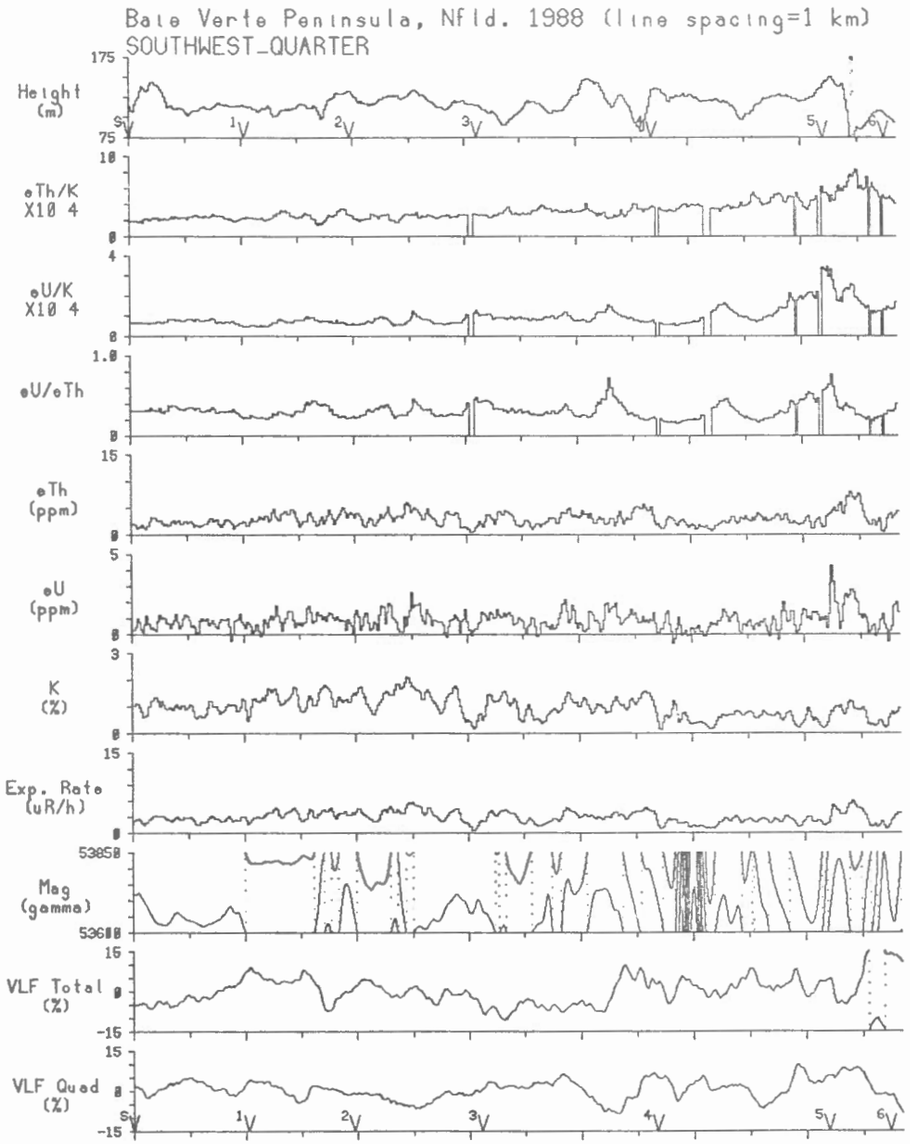


Line 68 2 km Scale 1:250000

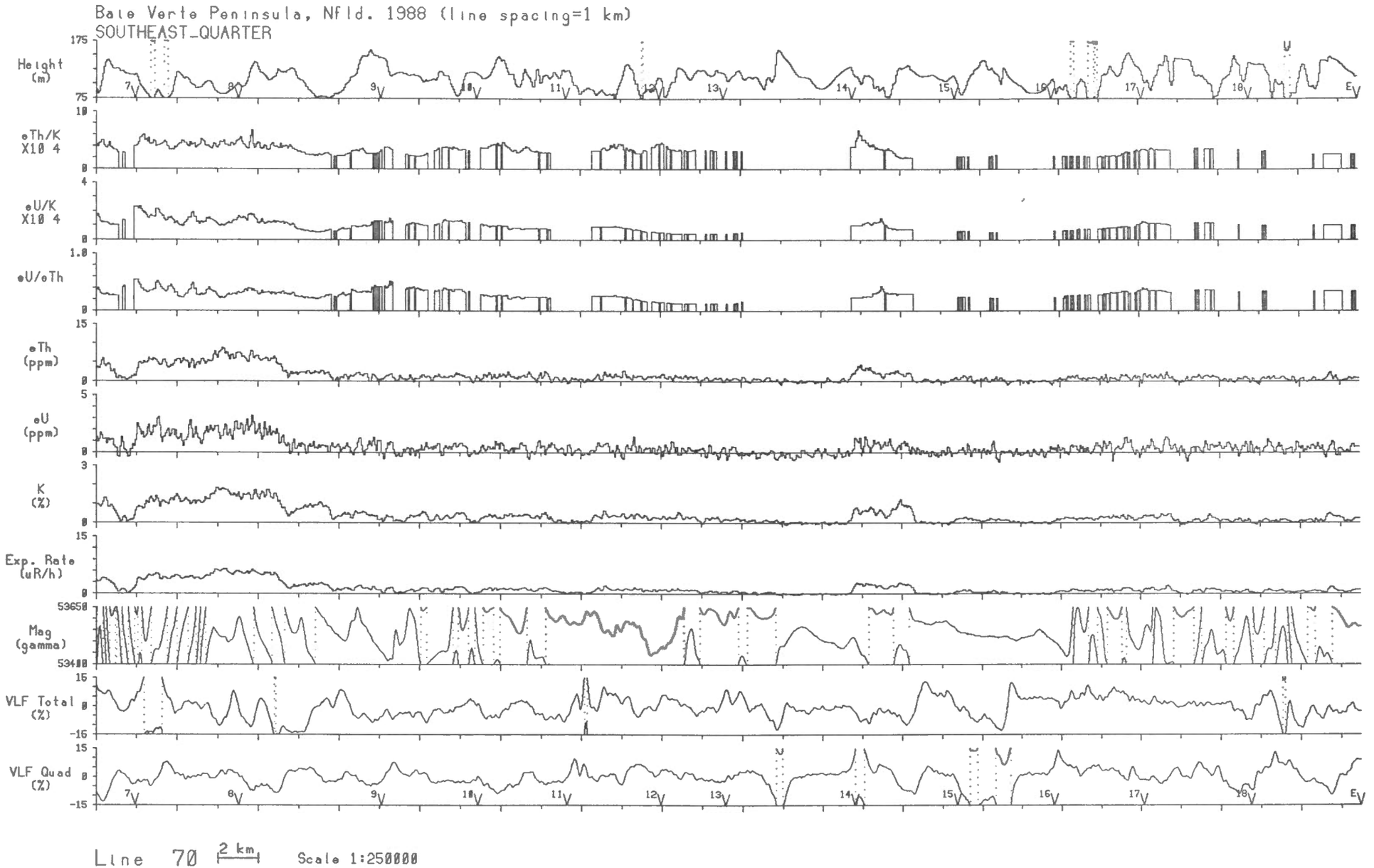

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53750
53500
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
6
7
8
9
10
11
12
13
14
15
16
E
Line 68
2 km
Scale 1:250000

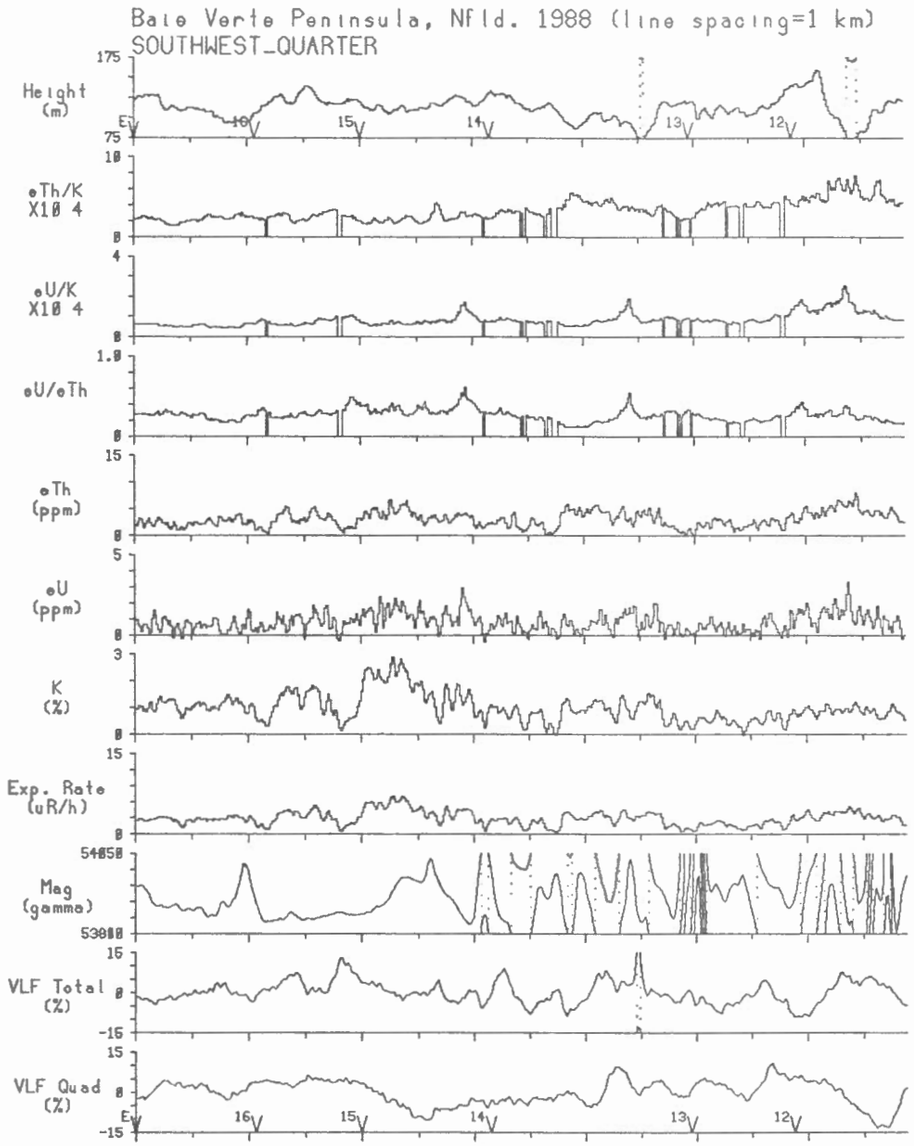

Bale Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
E
14
13
12
11
10
eTh/K X10 4
eU/K X10 4
eU/eTh
1.0
eTh (ppm)
15
eU (ppm)
5
K (%)
3
Exp. Rate (uR/h)
Mag (gamma)
53858
53688
VLF Total (%)
-15
VLF Quad (%)
Line 69
2 km
Scale 1:250000

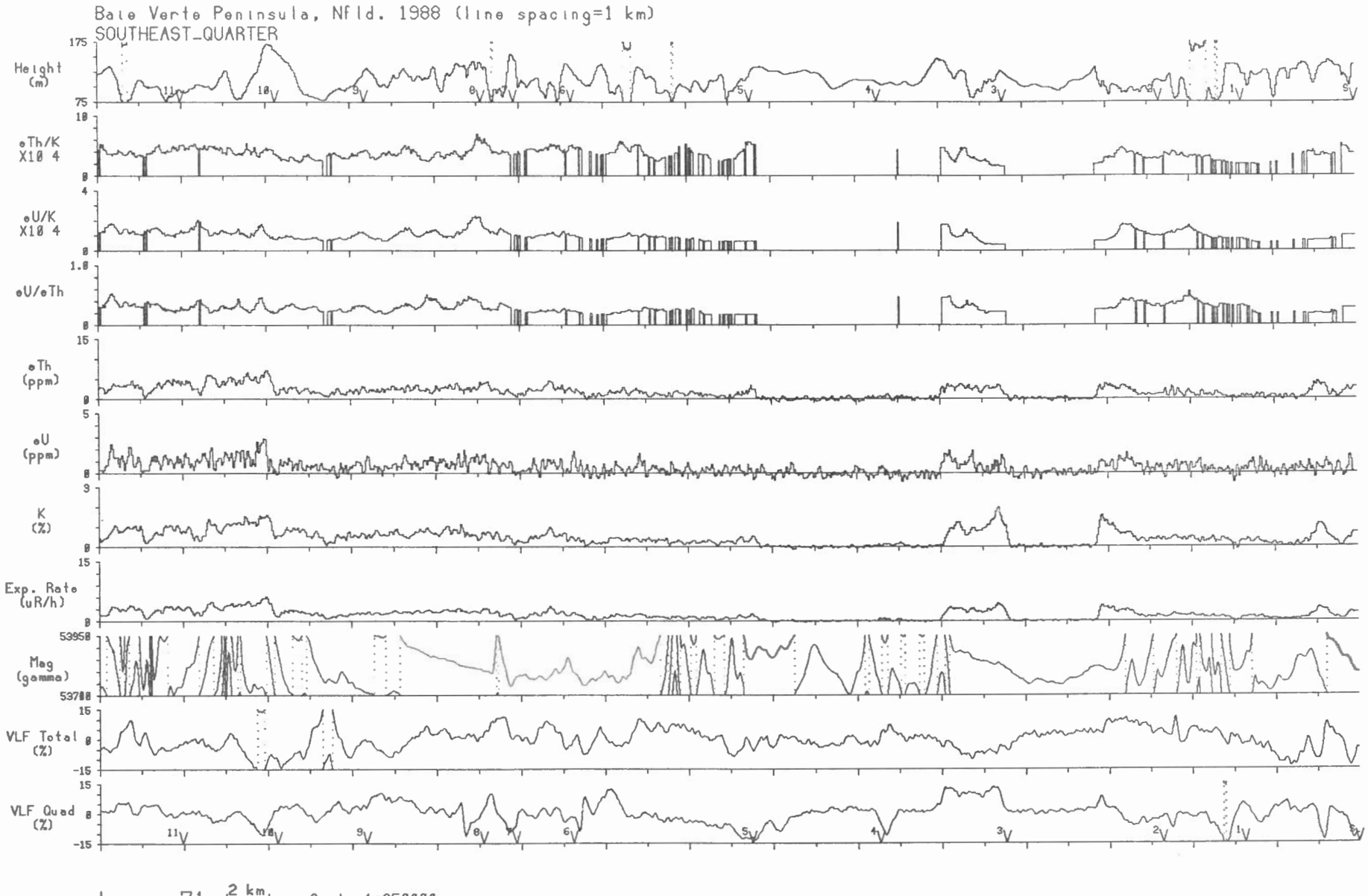

Bale Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53650
53480
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
Line 69
2 km
Scale 1:250000

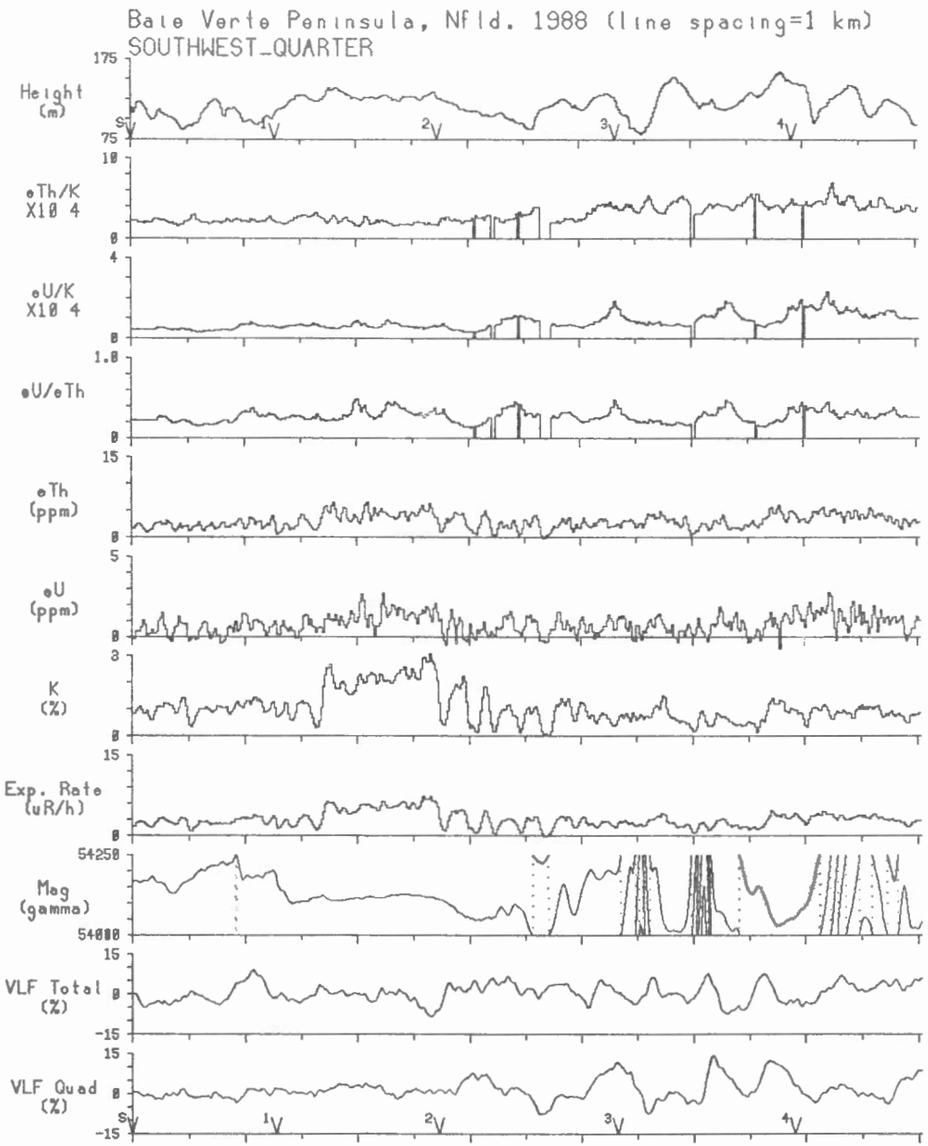


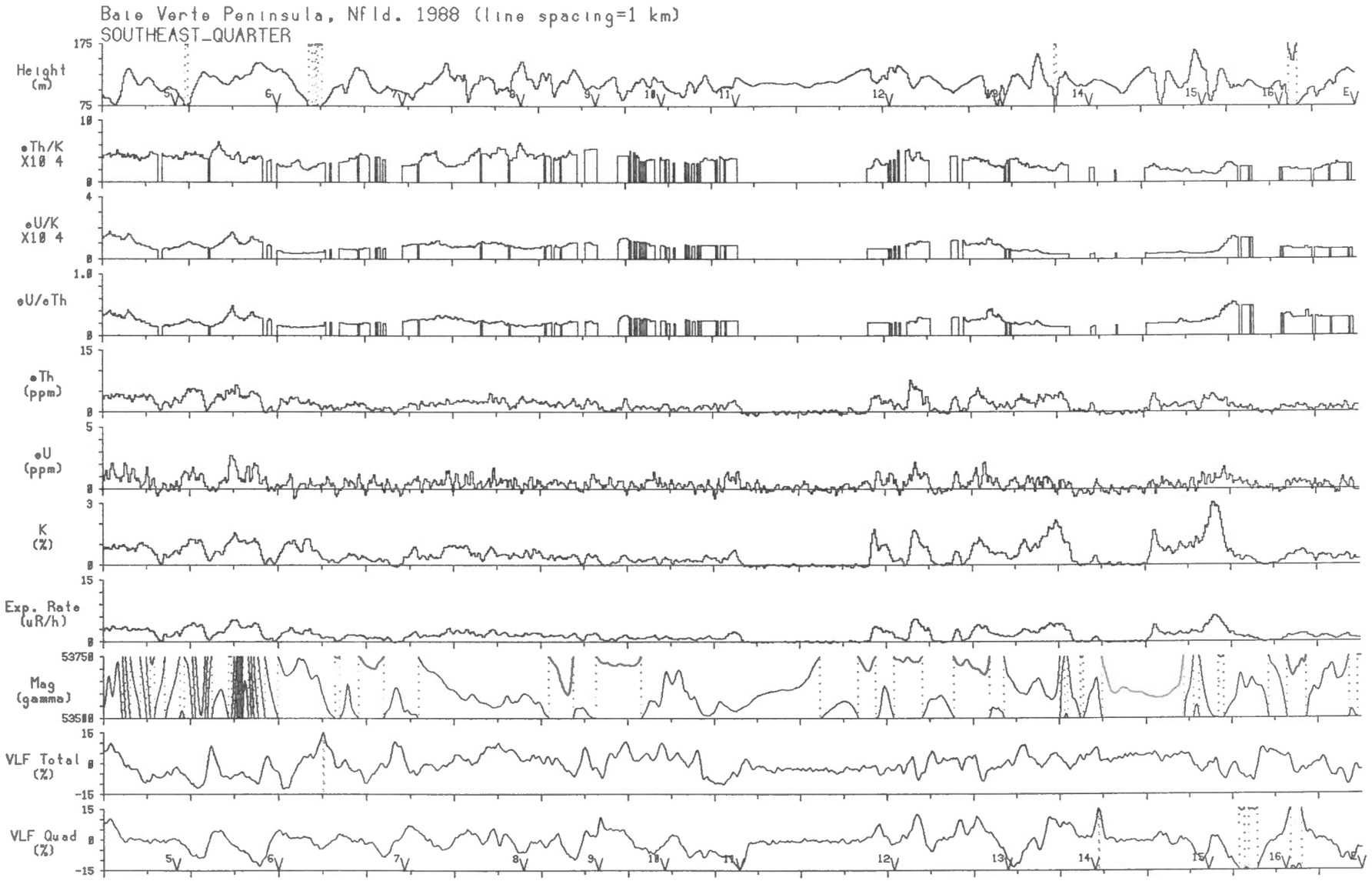
Line 70 2 km Scale 1:250000


Bale Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53650
53400
VLF Total (%)
15
0
-16
VLF Quad (%)
15
0
-15
7
8
9
10
11
12
13
14
15
16
17
18
E
Line 70
2 km
Scale 1:250000

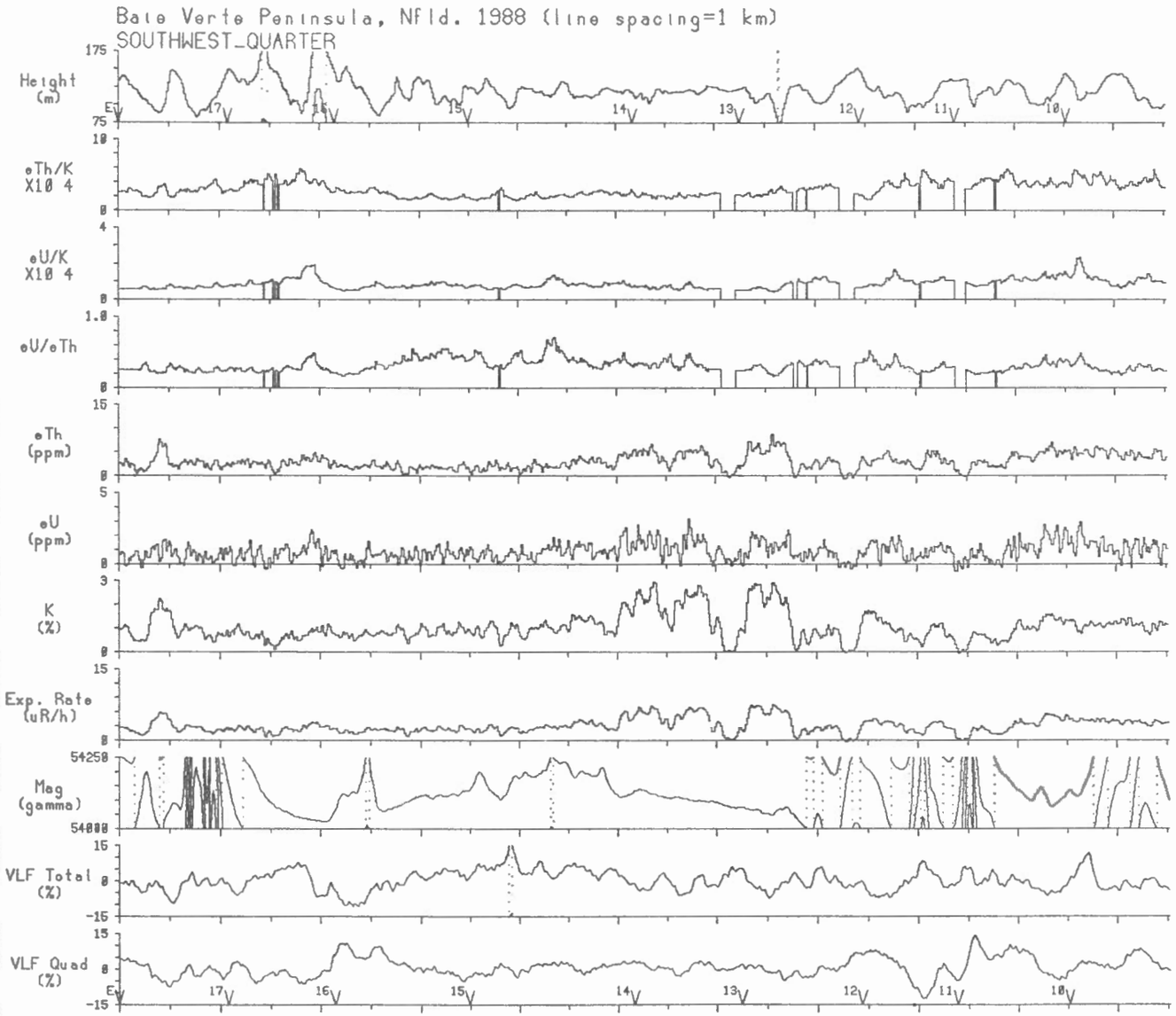

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
E
16
15
14
13
12
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54850
53000
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
16
15
14
13
12
Line 71
2 km
Scale 1:250000


Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53958
53788
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
11
10
9
8
7
6
5
4
3
2
1
Line 71
2 km
Scale 1:250000

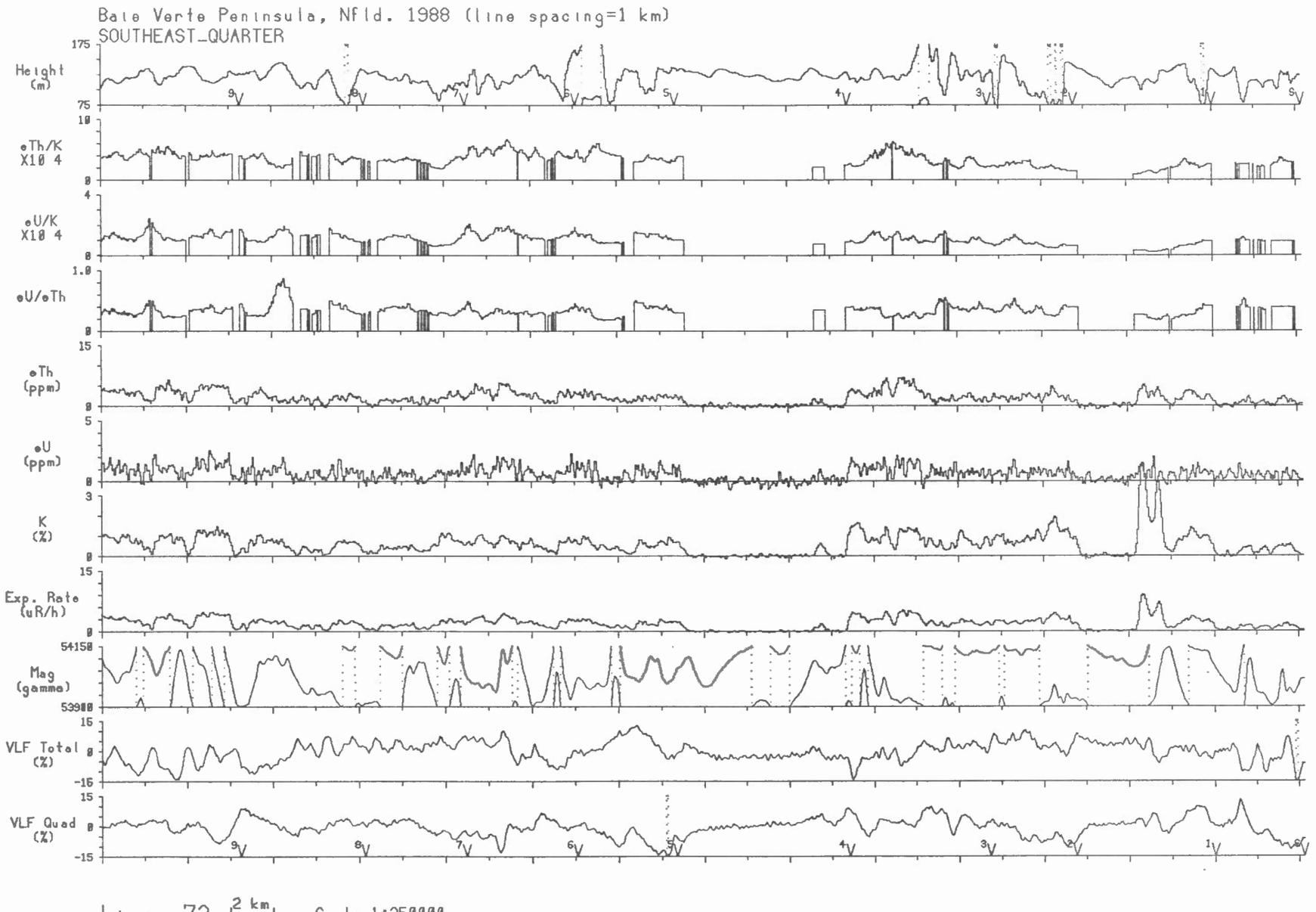

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
S
1
2
3
4
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54250
54000
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
Line 72
2 km
Scale 1:250000

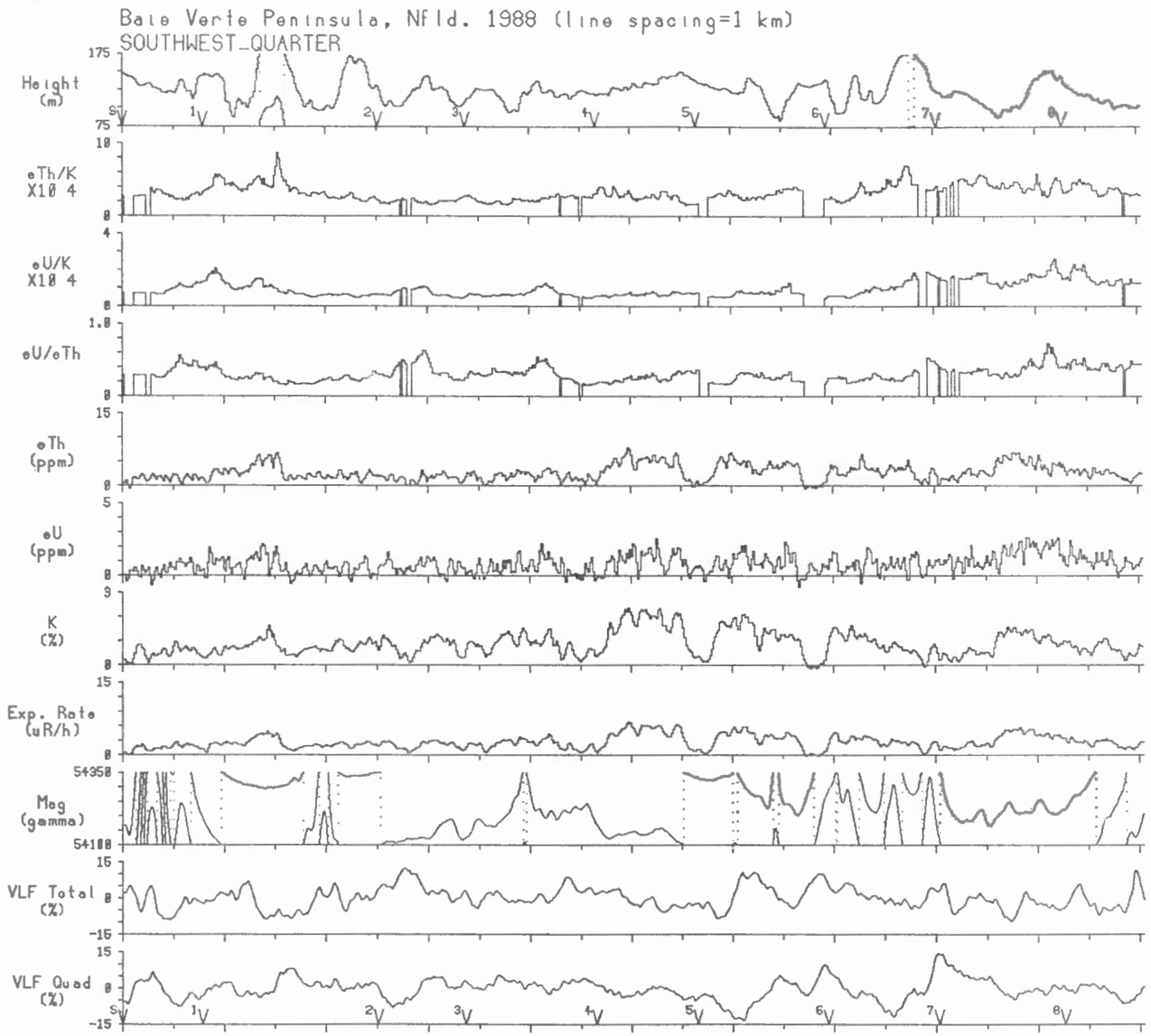


Line 72 2 km Scale 1:250000

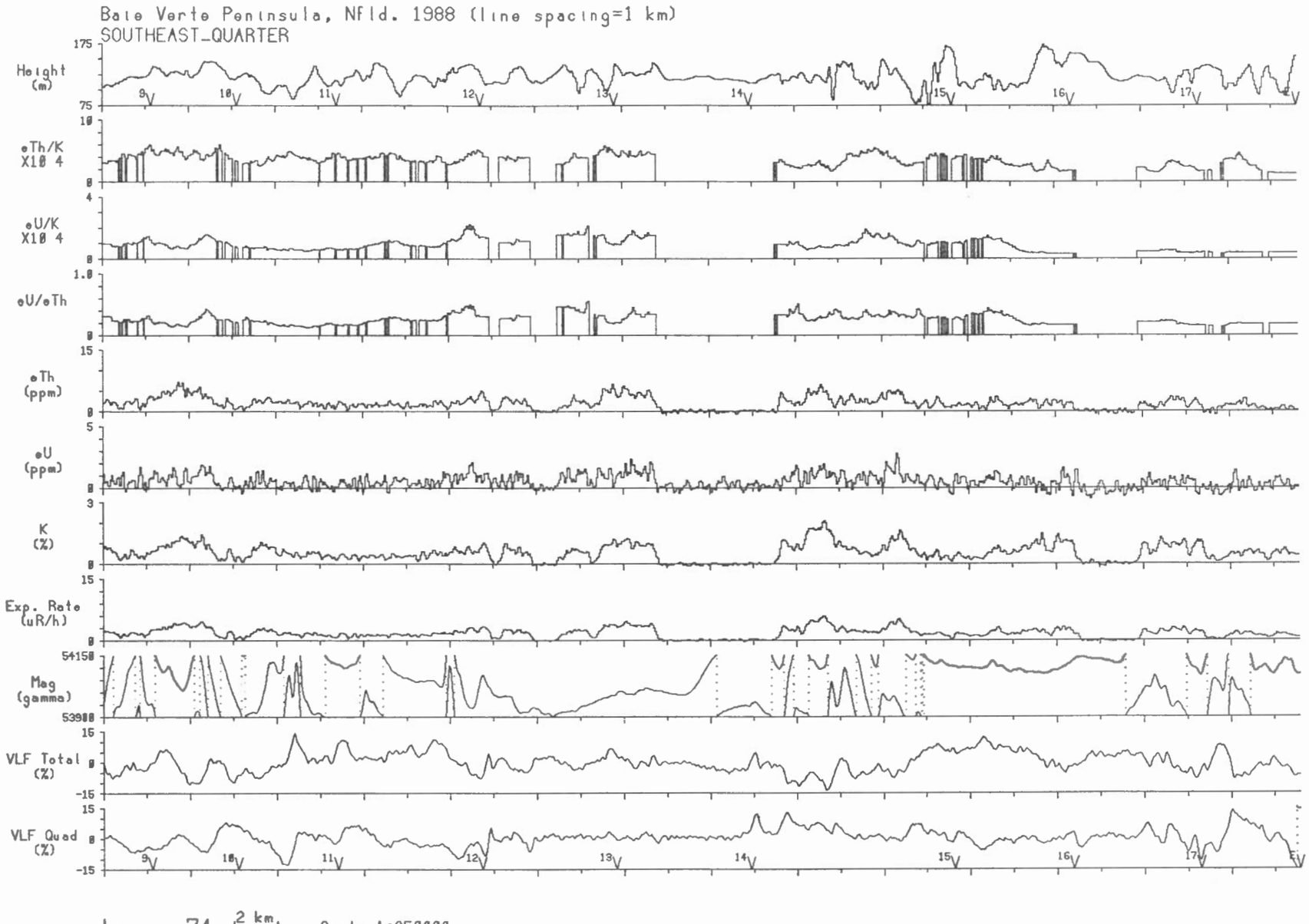


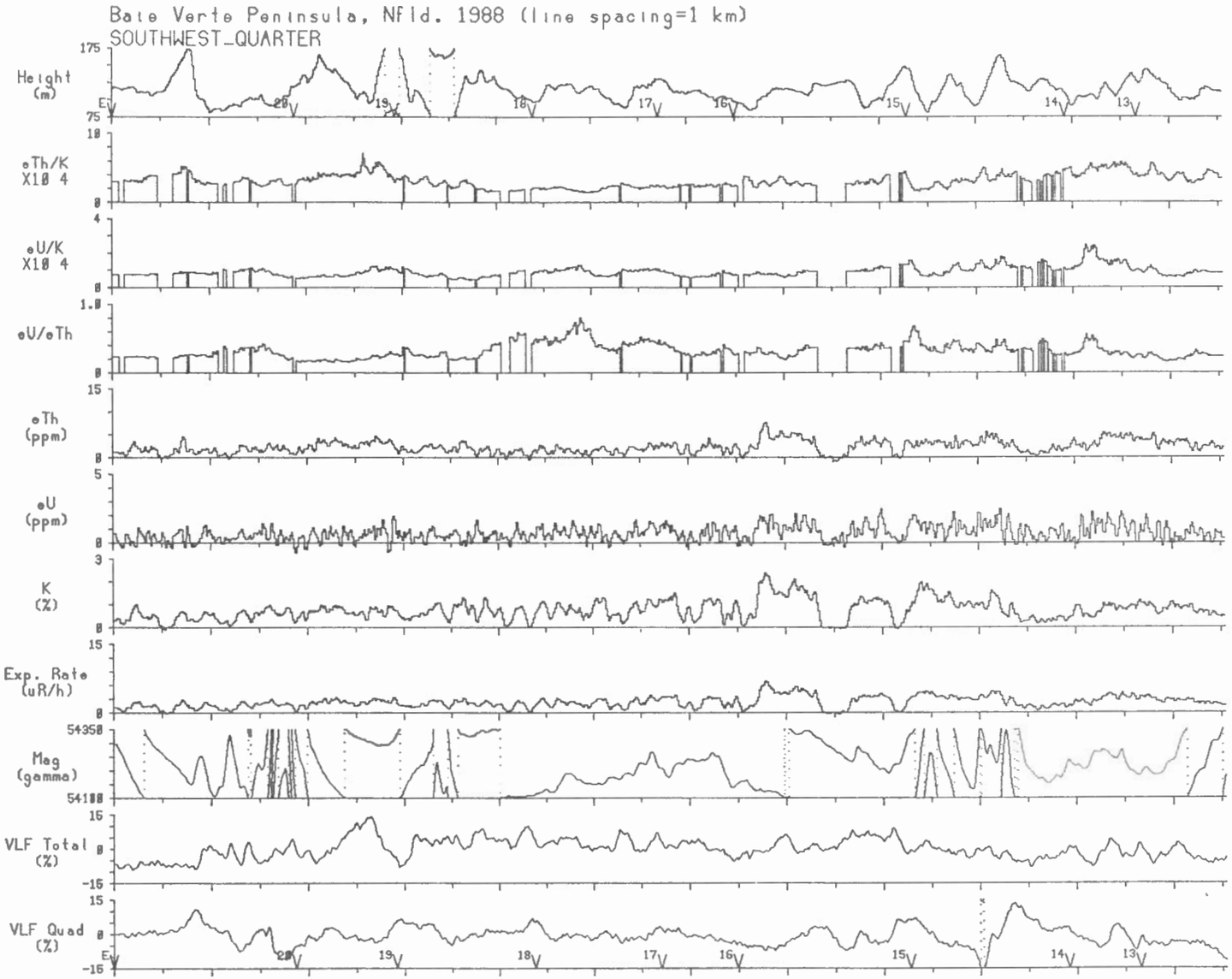
Line 73 2 km Scale 1:250000

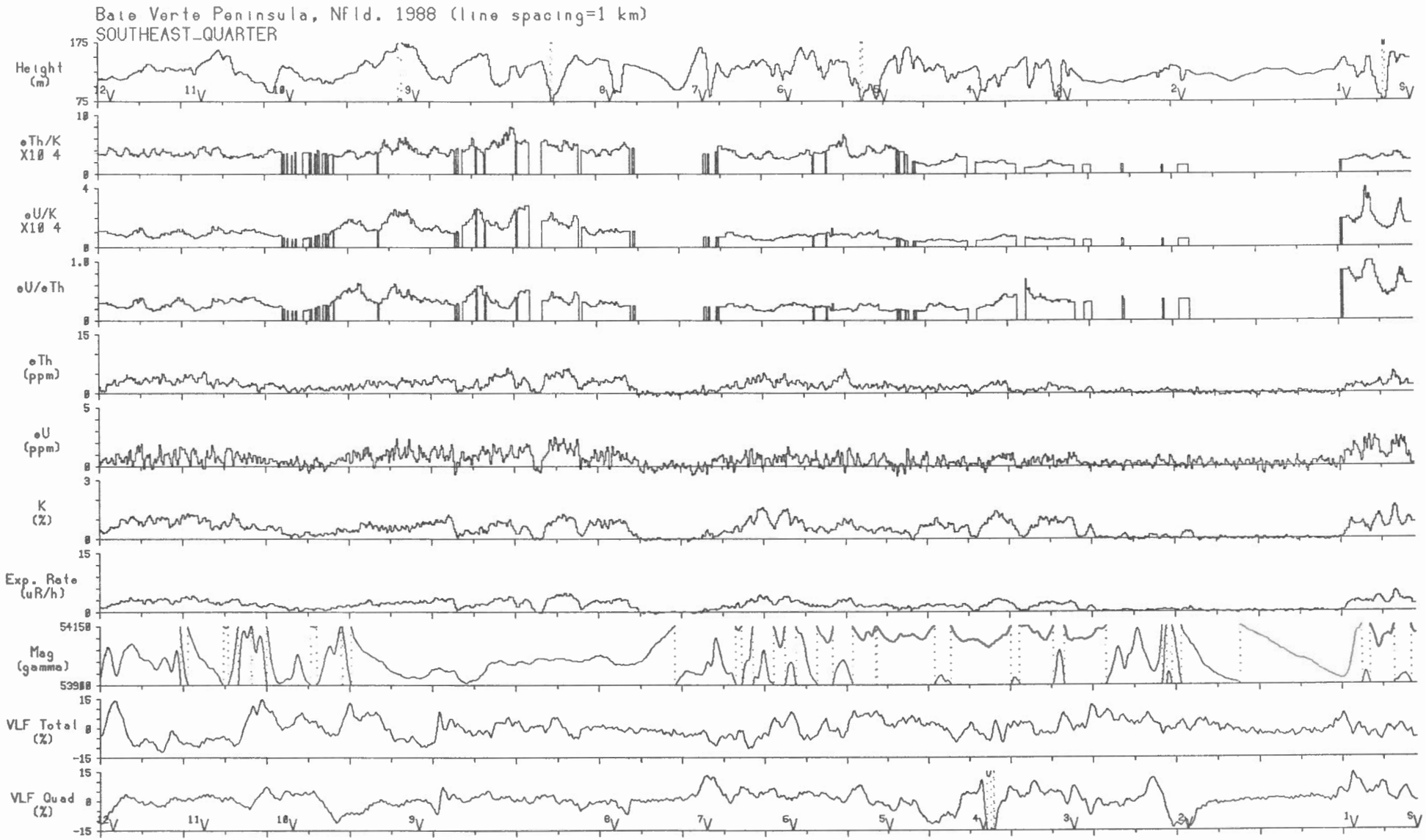

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54150
53900
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
9
8
7
6
5
4
3
2
1
Line 73
2 km
Scale 1:250000

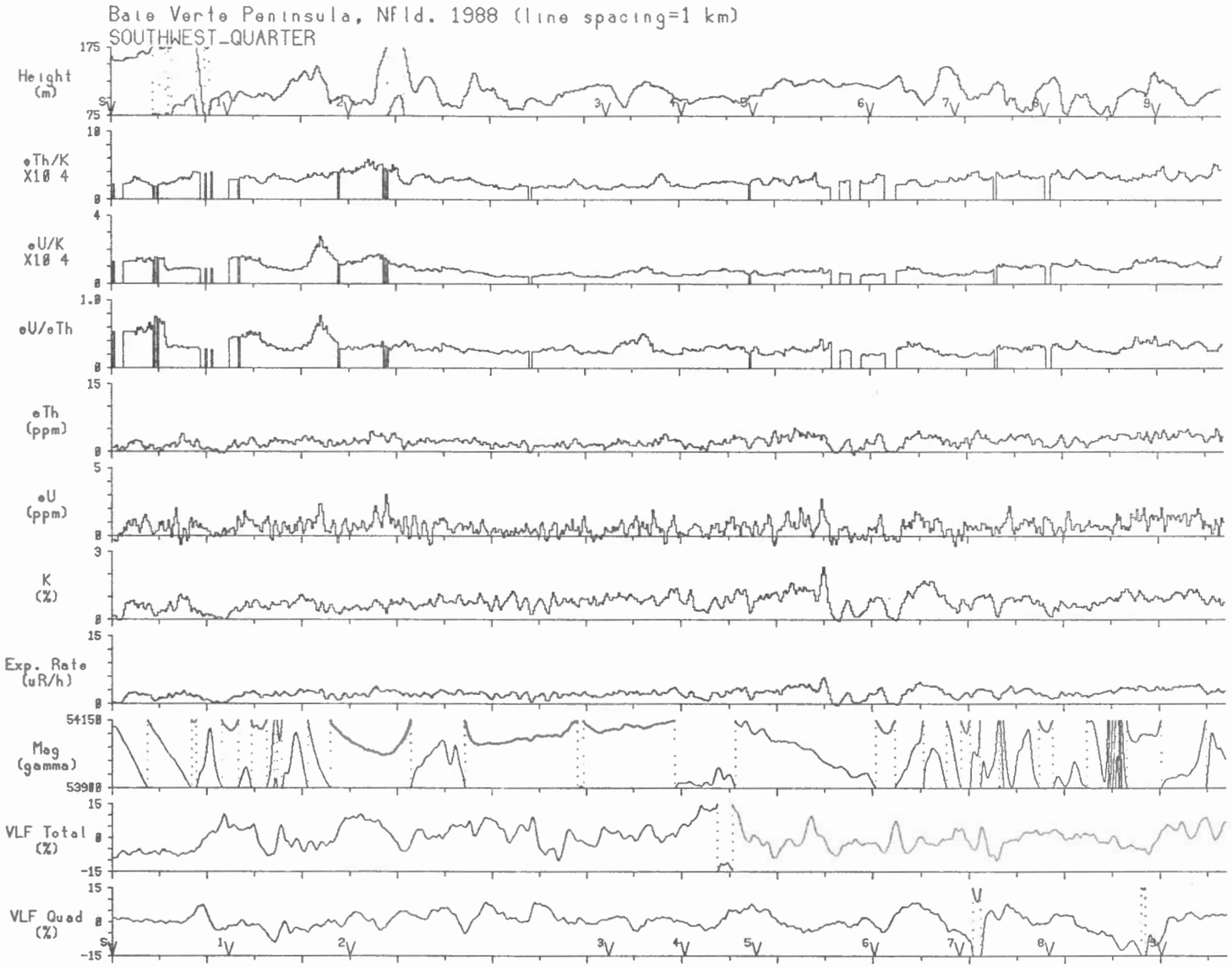


Line 74 2 km Scale 1:250000

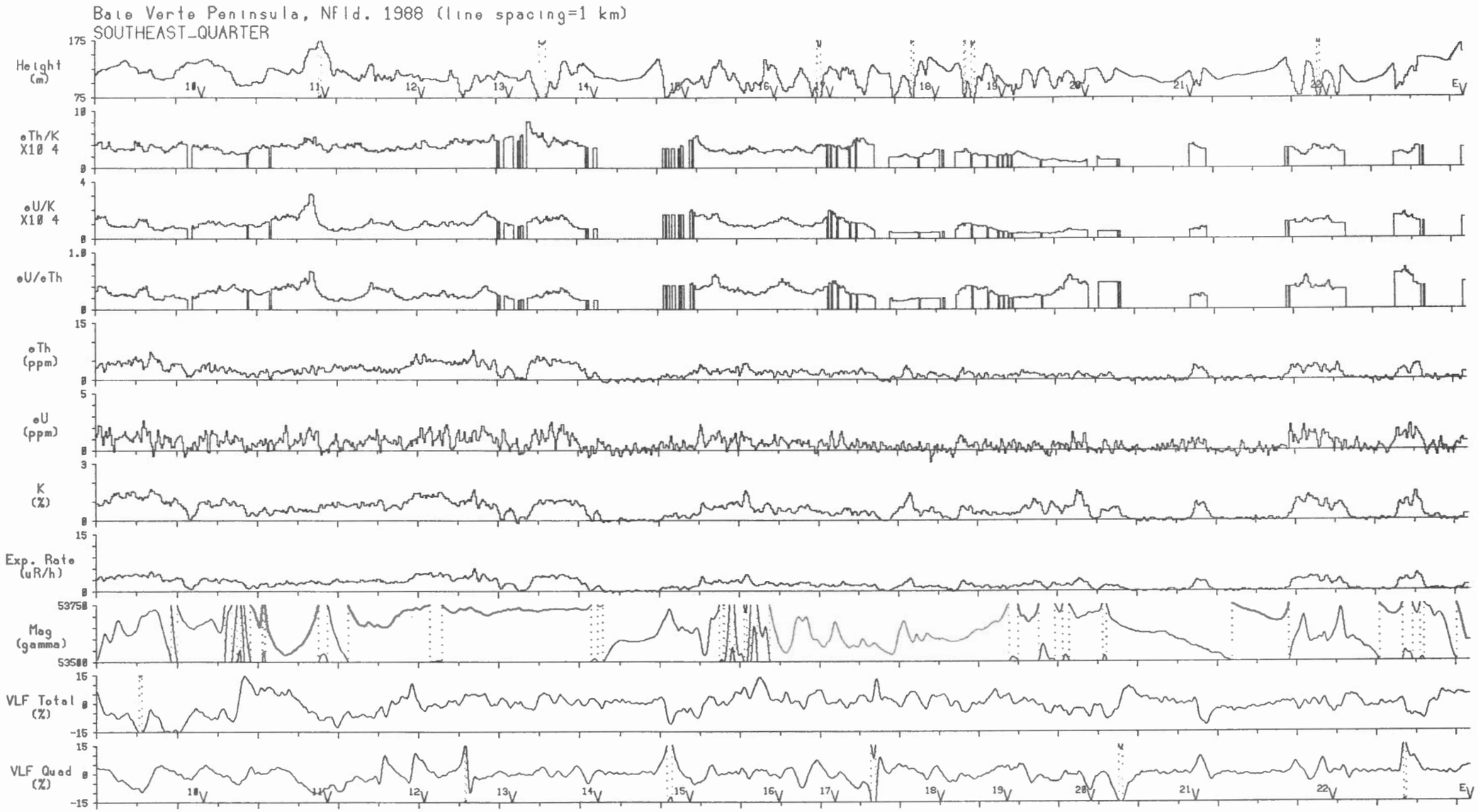

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
1.0
eTh (ppm)
15
eU (ppm)
5
K (%)
3
Exp. Rate (uR/h)
Mag (gamma)
54150
53900
VLF Total (%)
-15
VLF Quad (%)
9
10
11
12
13
14
15
16
17
Line 74
2 km
Scale 1:250000

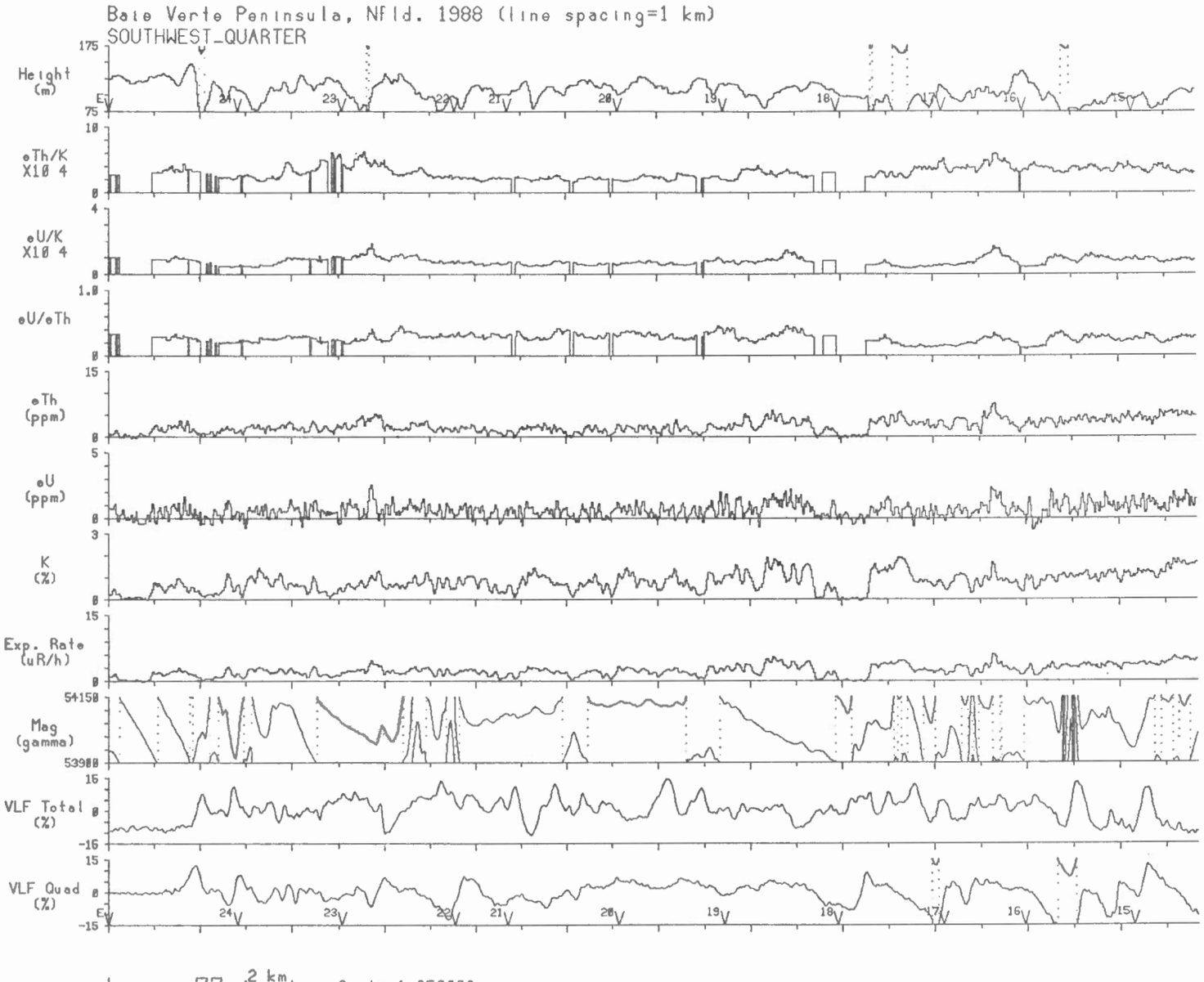

Bate Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
eTh (ppm)
eU (ppm)
K (%)
Exp. Rate (uR/h)
Mag (gamma)
VLF Total (%)
VLF Quad (%)
-15
E
20
19
18
17
16
15
14
13
Line 75
2 km
Scale 1:250000

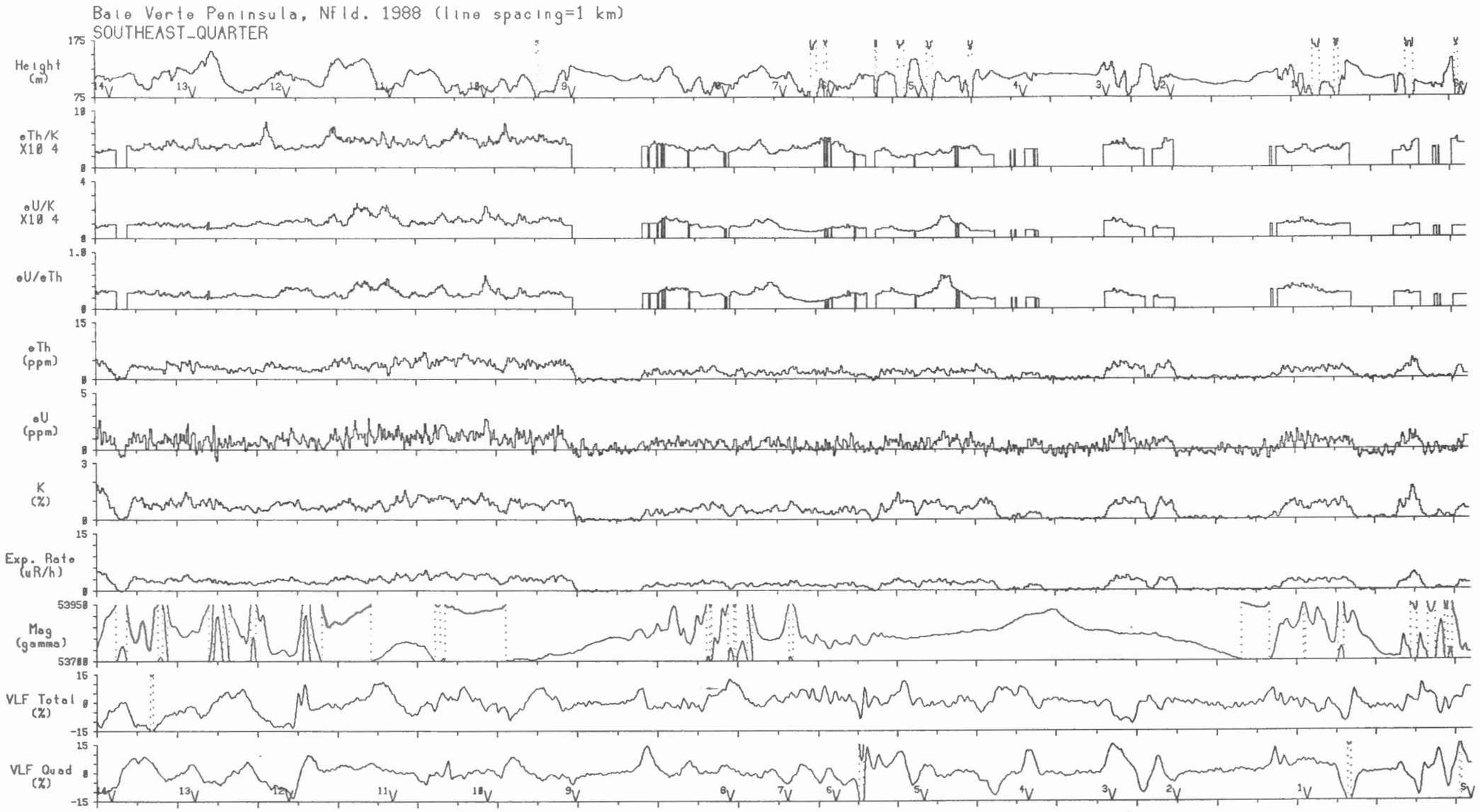

Bale Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54150
53900
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
12V
11V
10V
9V
8V
7V
6V
5V
4V
3V
2V
1V
S
Line 75
2 km
Scale 1:250000

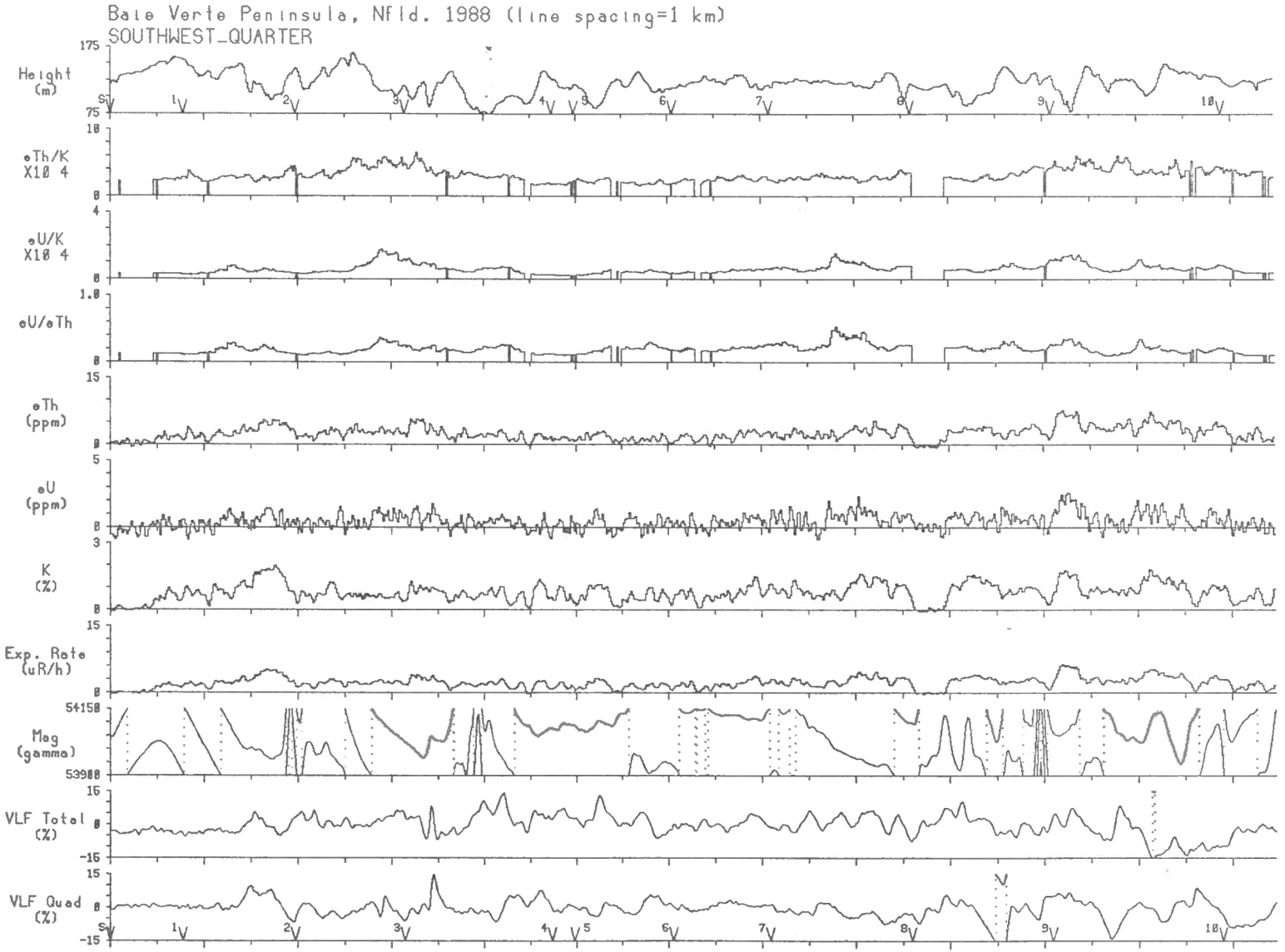


Line 76 2 km Scale 1:250000

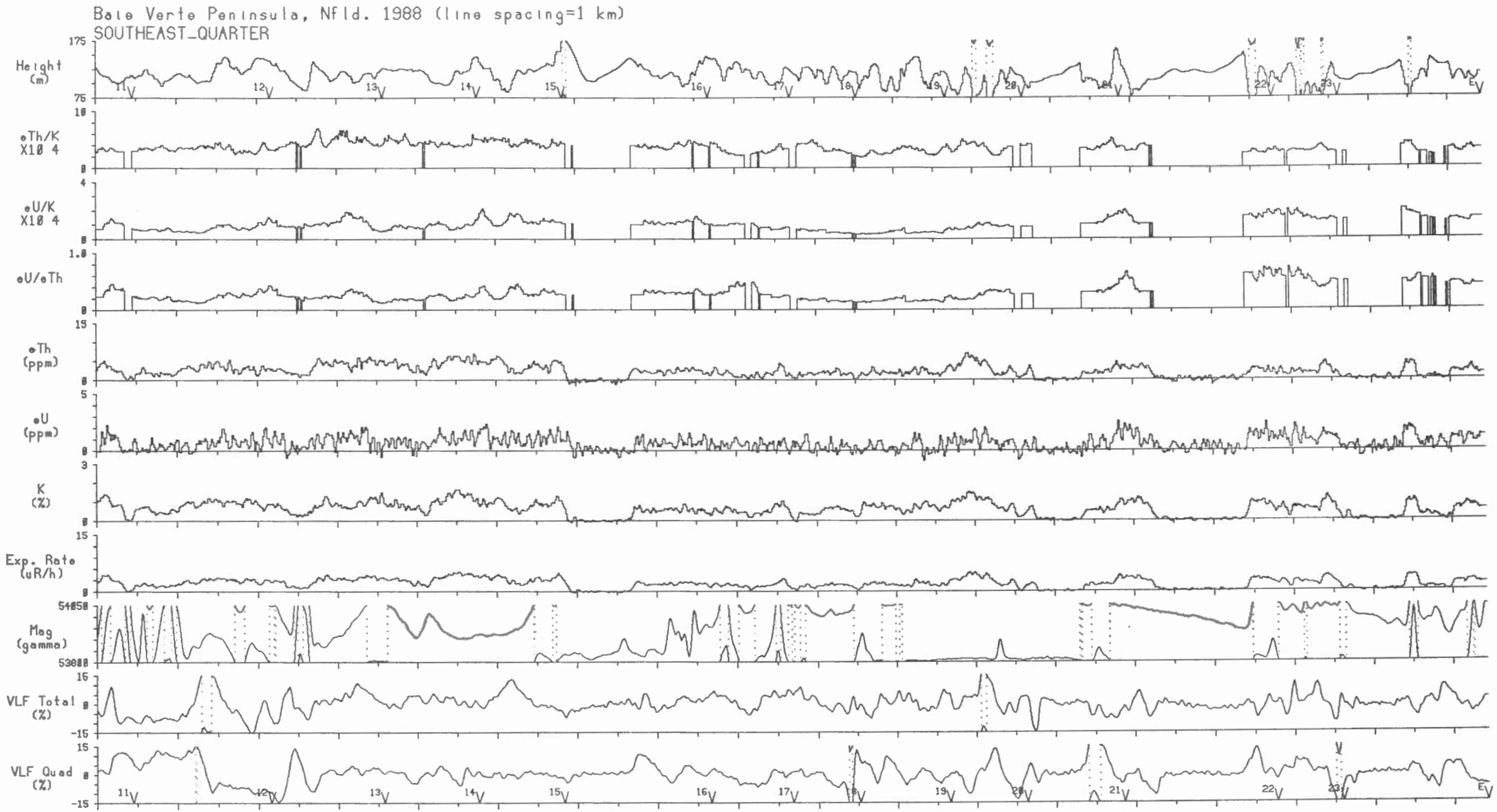

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53750
53500
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
10
11
12
13
14
15
16
17
18
19
20
21
22
E
Line 76
2 km
Scale 1:250000

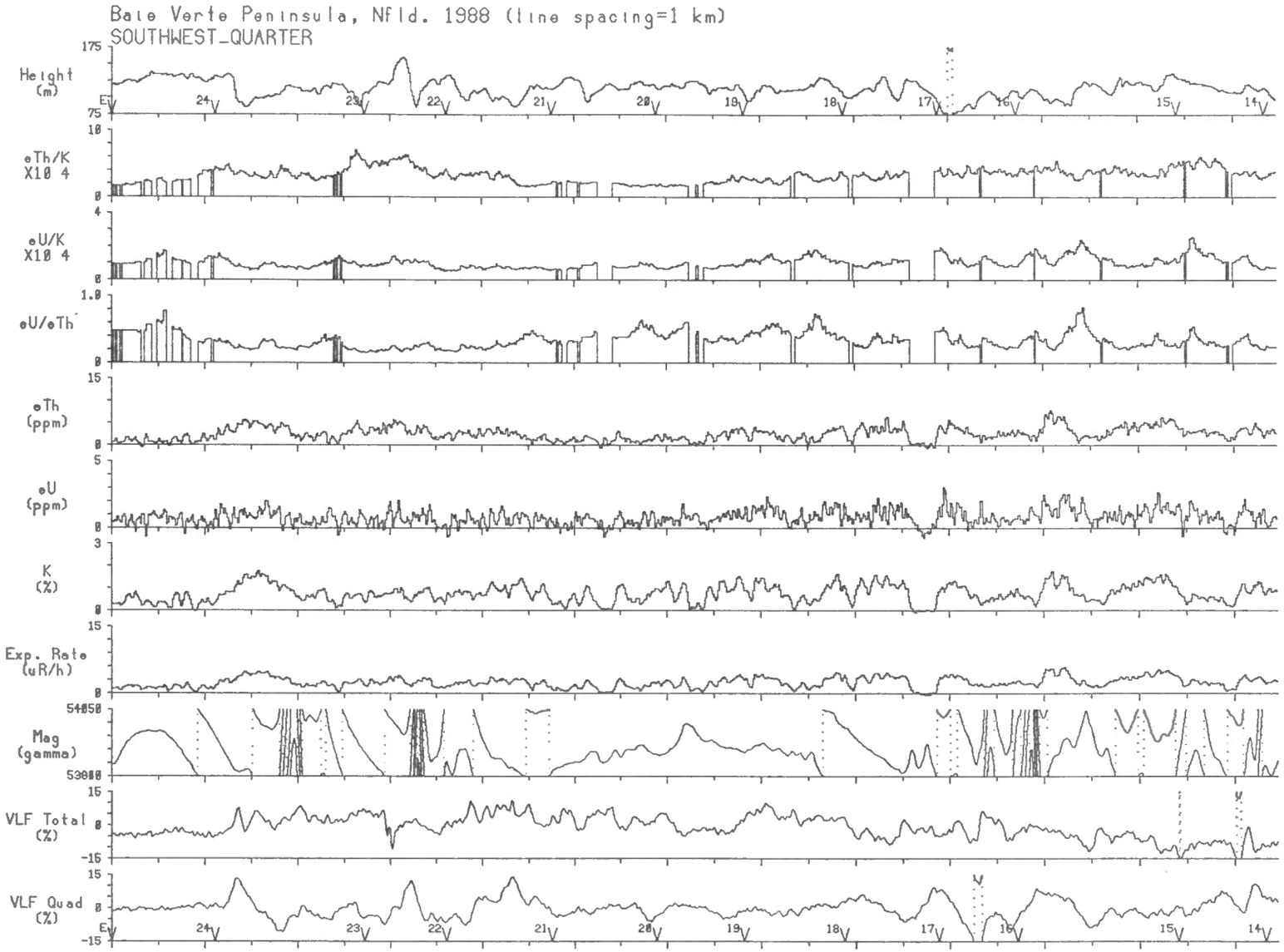

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
E
24
23
22
21
20
19
18
17
16
15
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54150
53900
VLF Total (%)
15
0
-16
VLF Quad (%)
15
0
-15
E
24
23
22
21
20
19
18
17
16
15
Line 77
2 km
Scale 1:250000


Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53950
53780
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
Line 77
2 km
Scale 1:250000

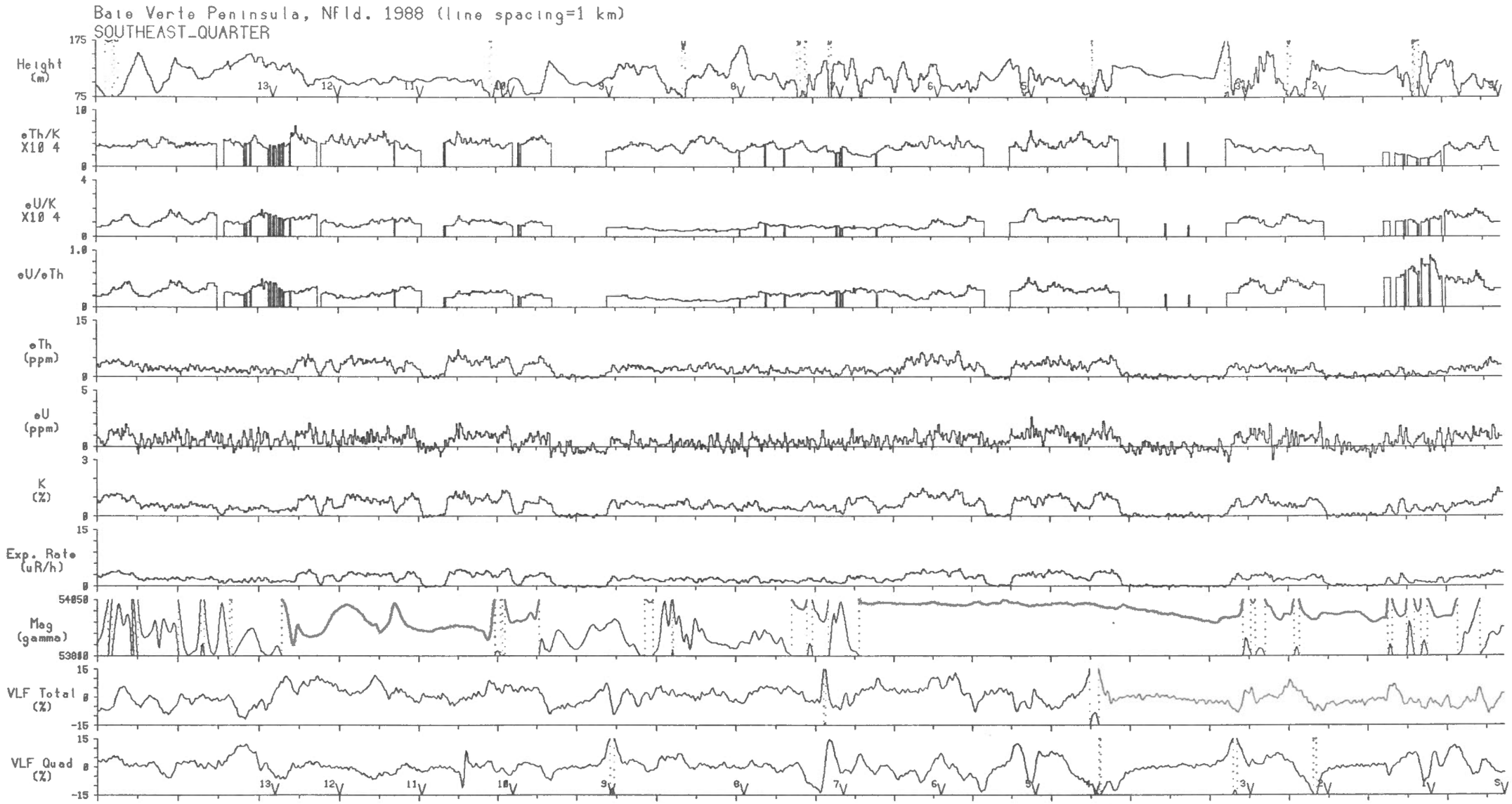


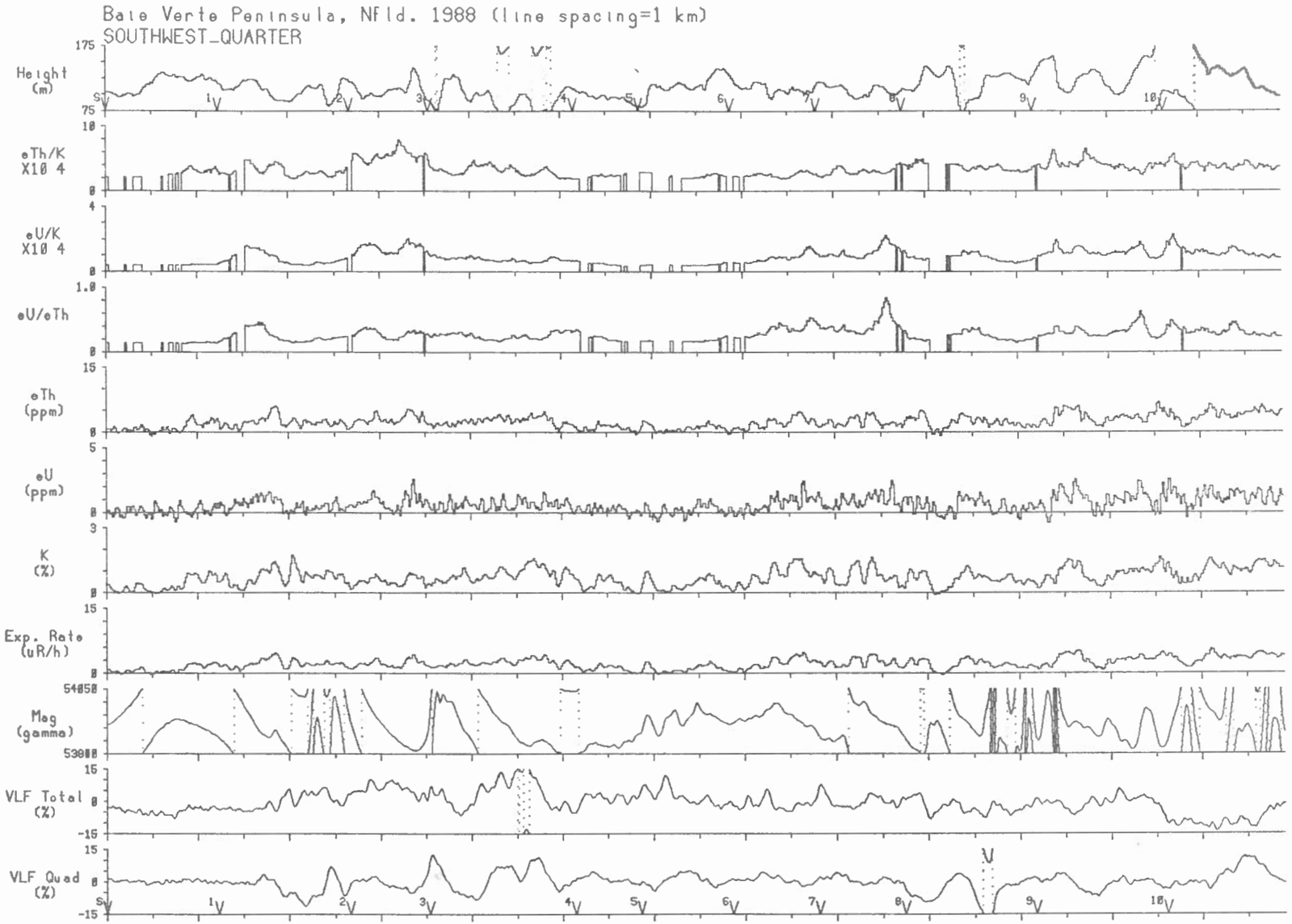
Line 78 2 km Scale 1:250000

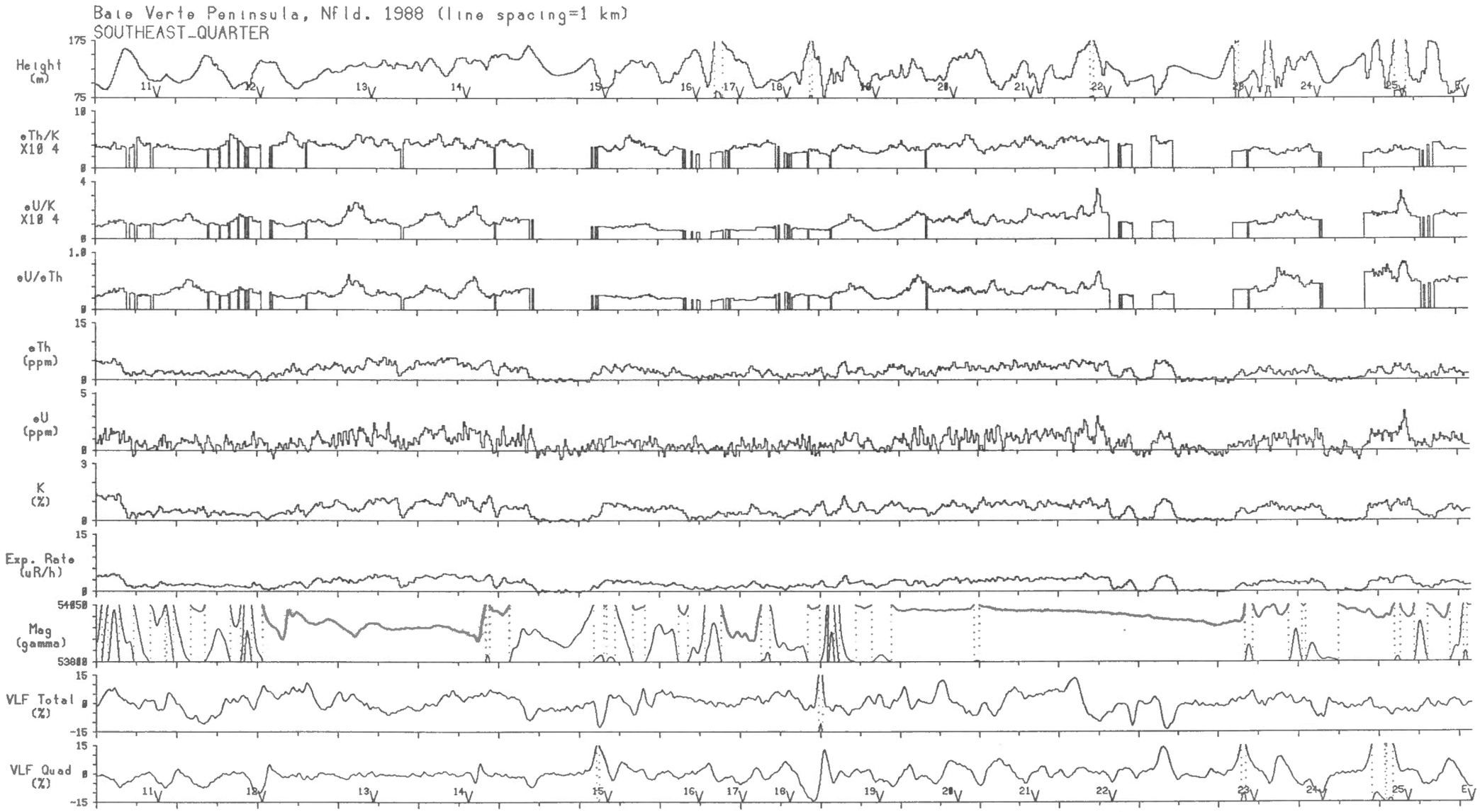

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54858
53888
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
11
12
13
14
15
16
17
18
19
20
21
22
23
E
Line 78
2 km
Scale 1:250000

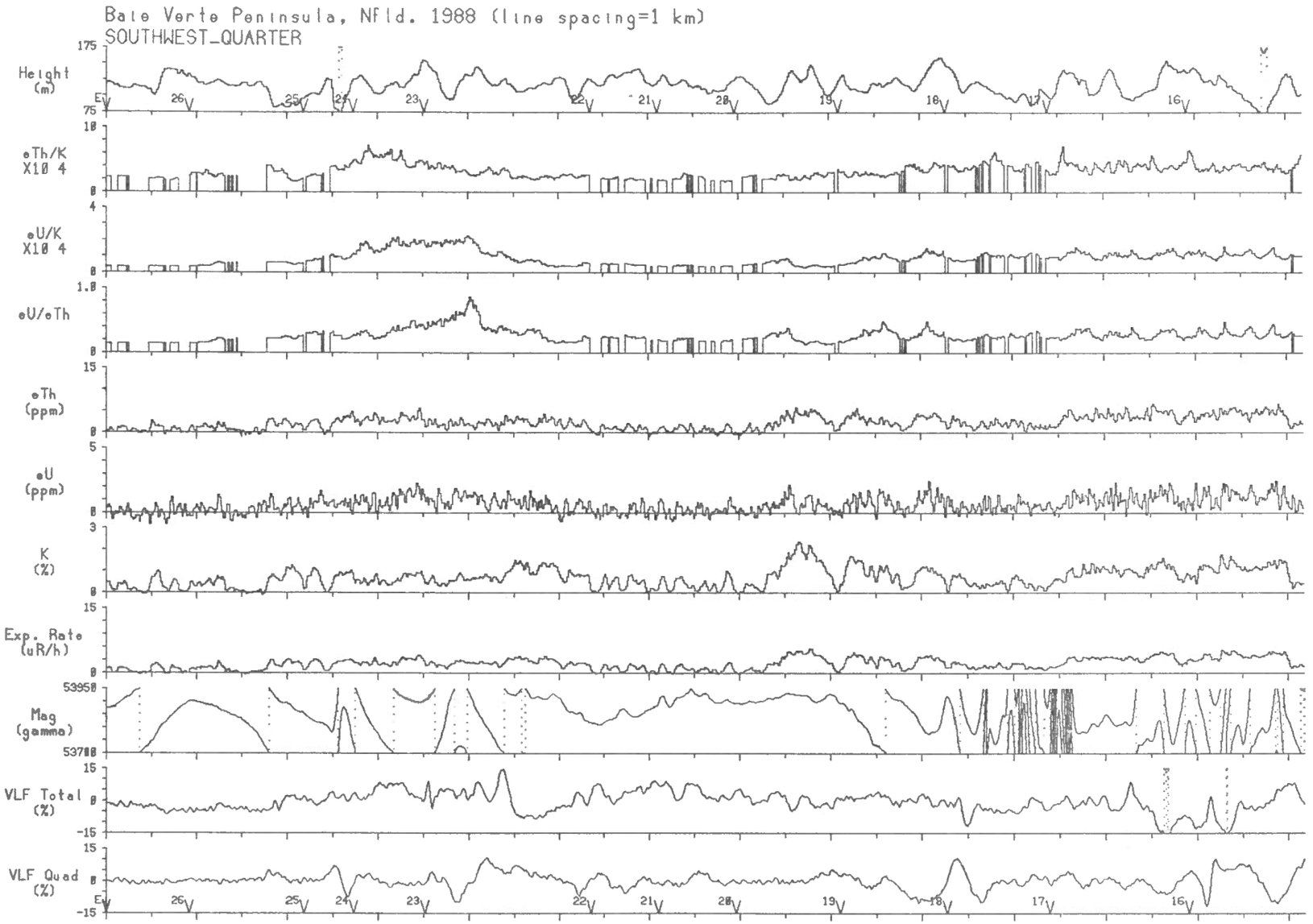


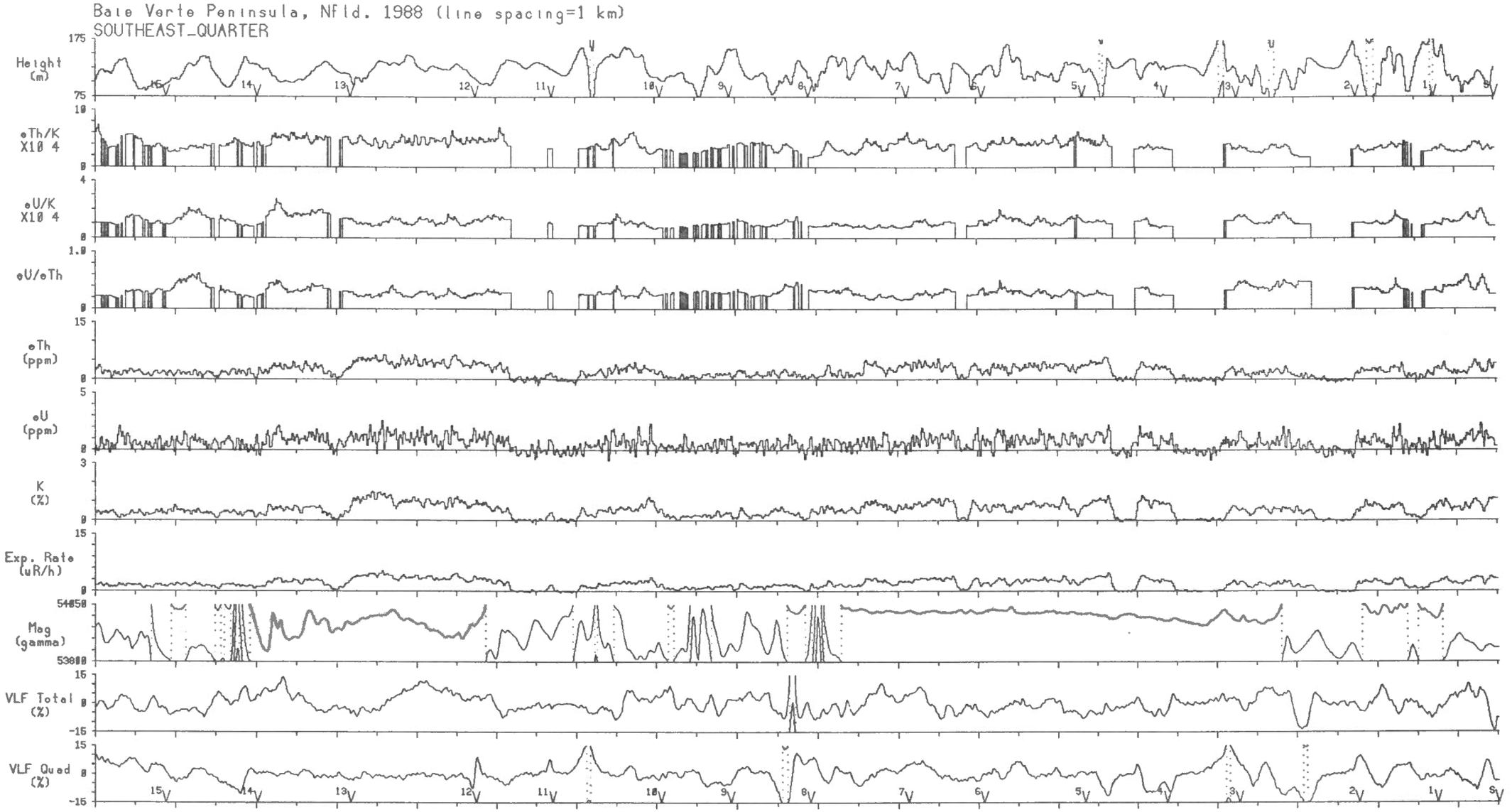
Line 79 2 km Scale 1:250000

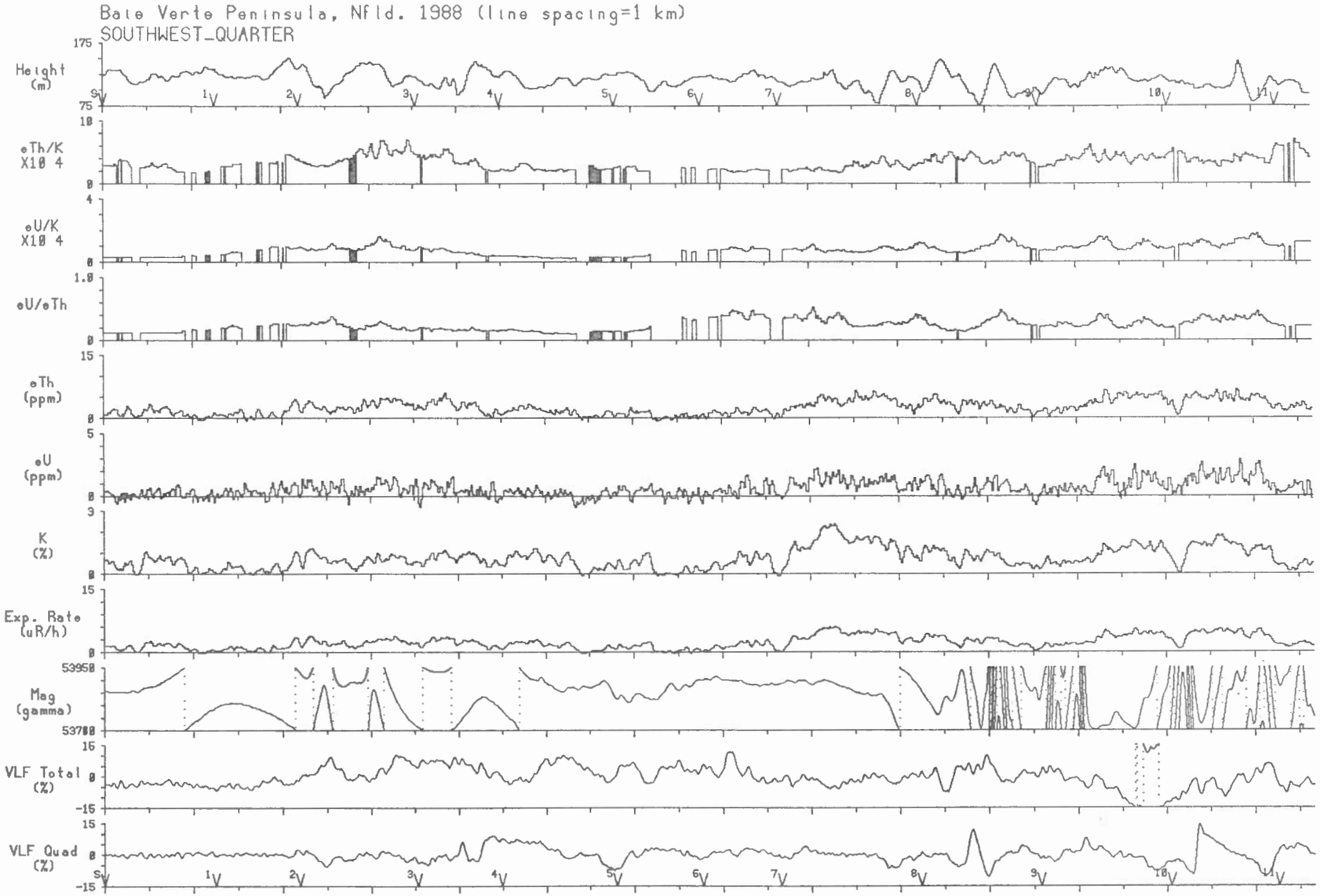

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54850
53850
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
13
12
11
10
9
8
7
6
5
4
3
2
1
Line 79
2 km
Scale 1:250000

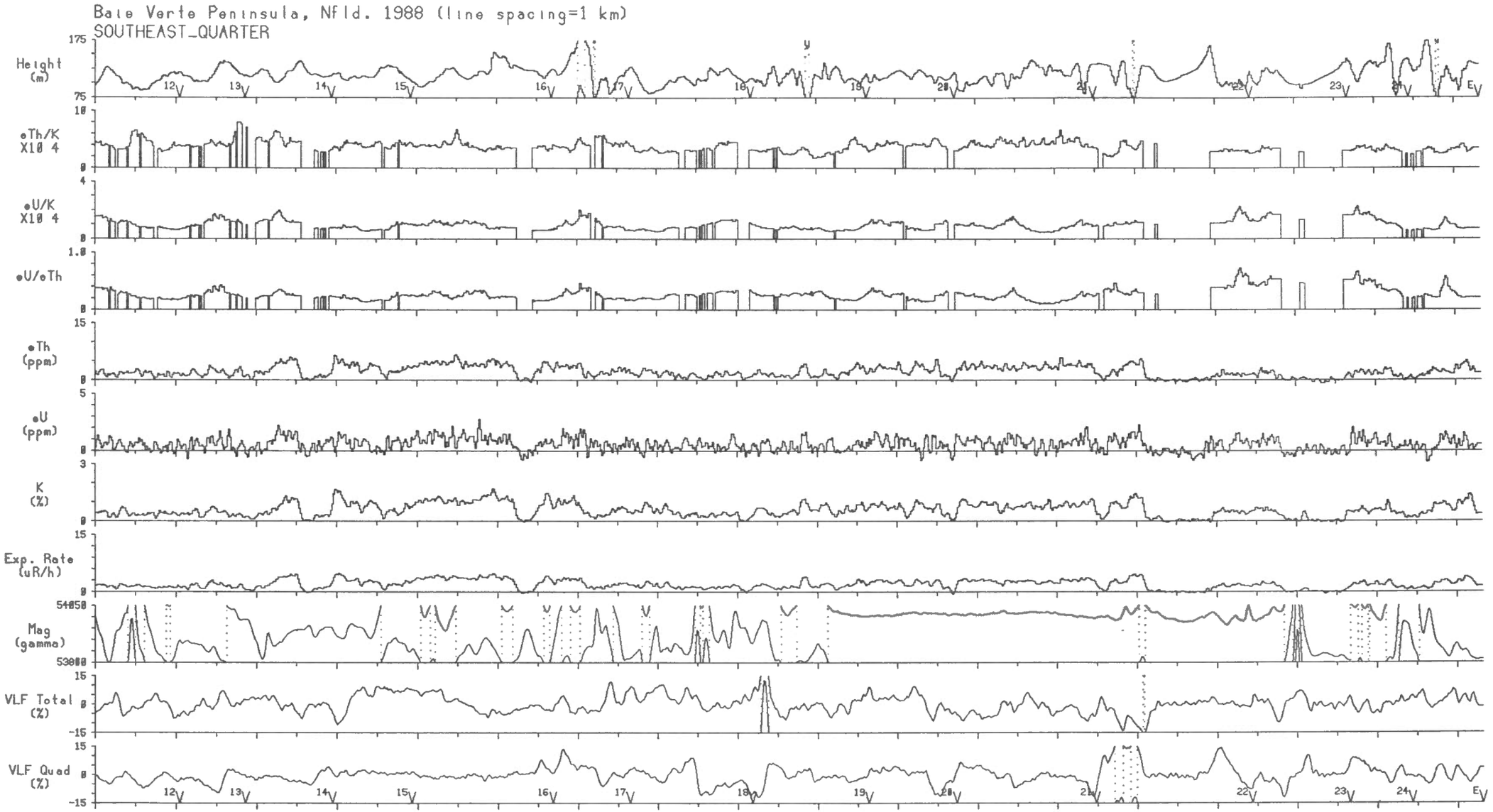

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54850
53000
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
8
9
10
Line 80
2 km
Scale 1:250000

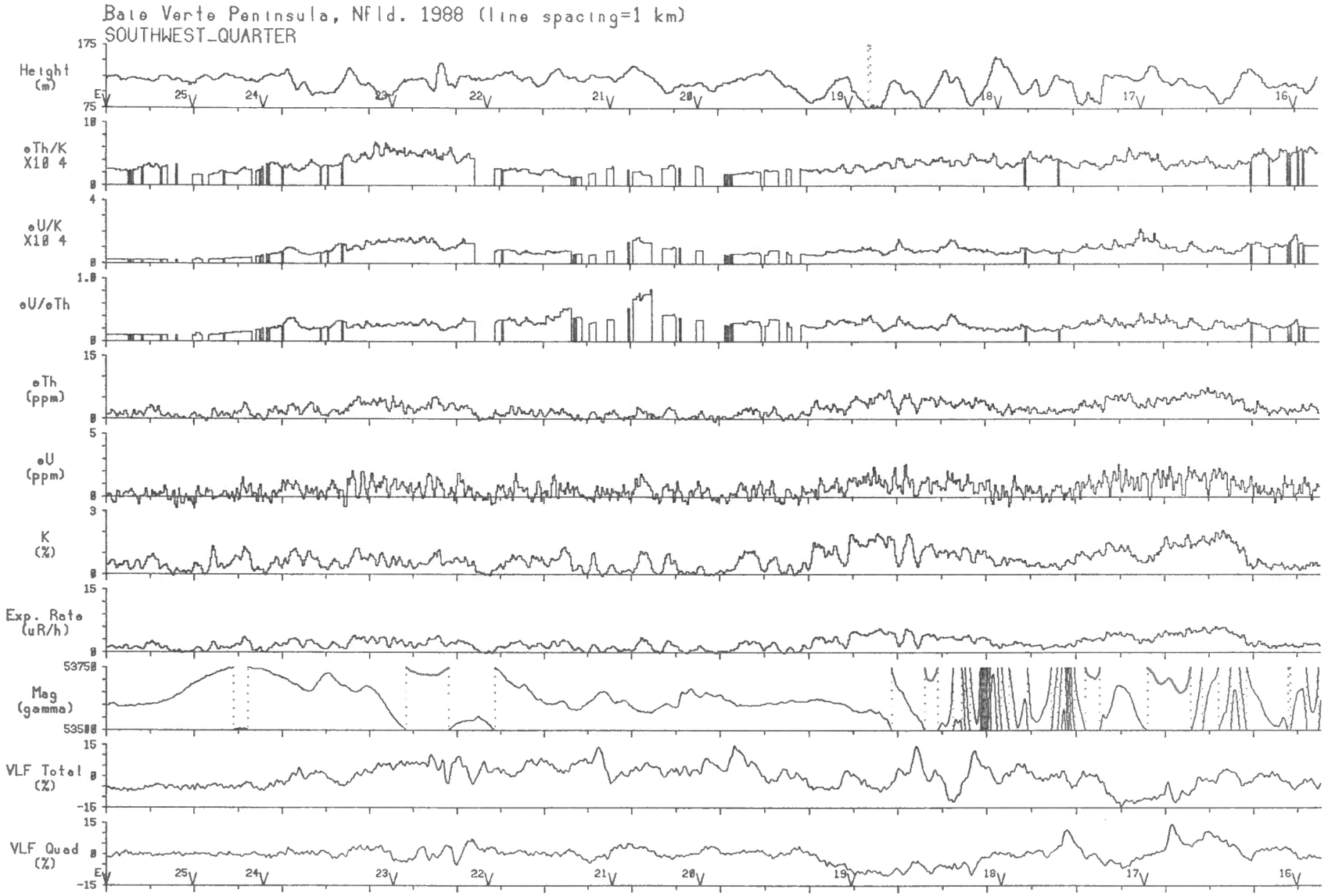

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54000
53000
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
Line 80
2 km
Scale 1:250000

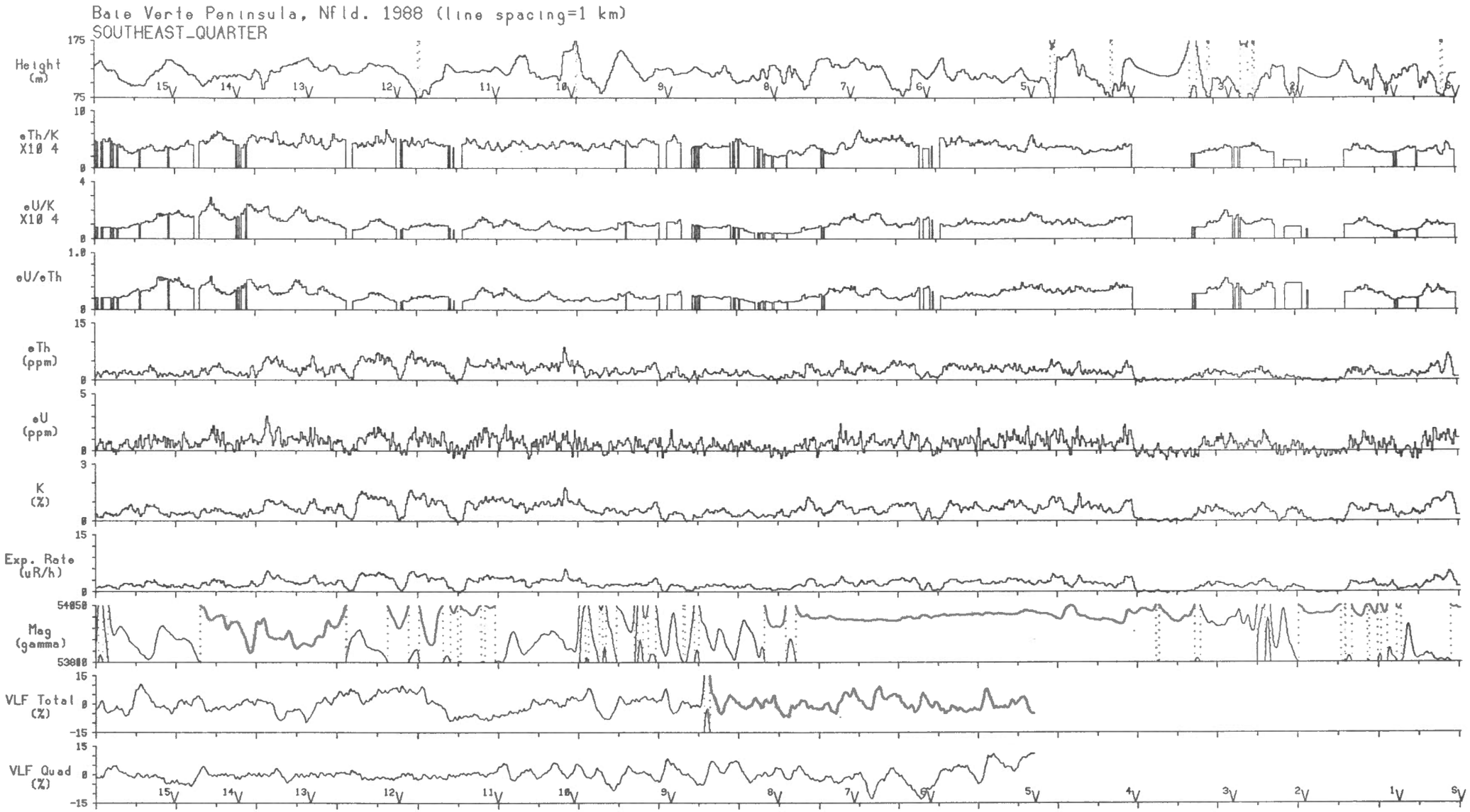

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
eTh/K X10 4
18
0
eU/K X10 4
4
0
eU/eTh
1.8
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53958
53788
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
26
25
24
23
22
21
20
19
18
17
16
Line 81
2 km
Scale 1:250000

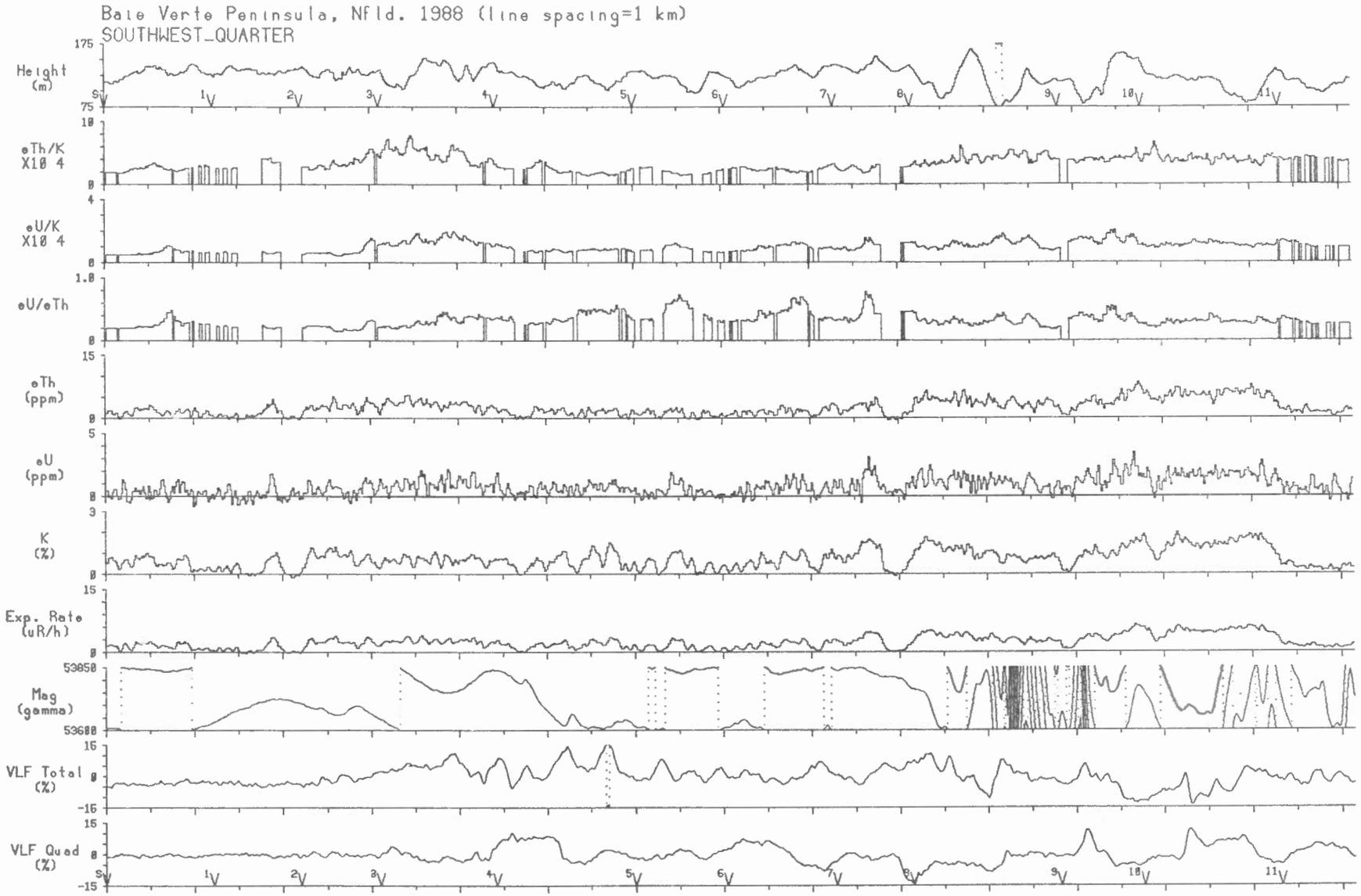

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54850
53800
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 S
Line 81
2 km
Scale 1:250000


Bale Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53958
53788
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
8
9
10
11
Line 82
2 km
Scale 1:250000

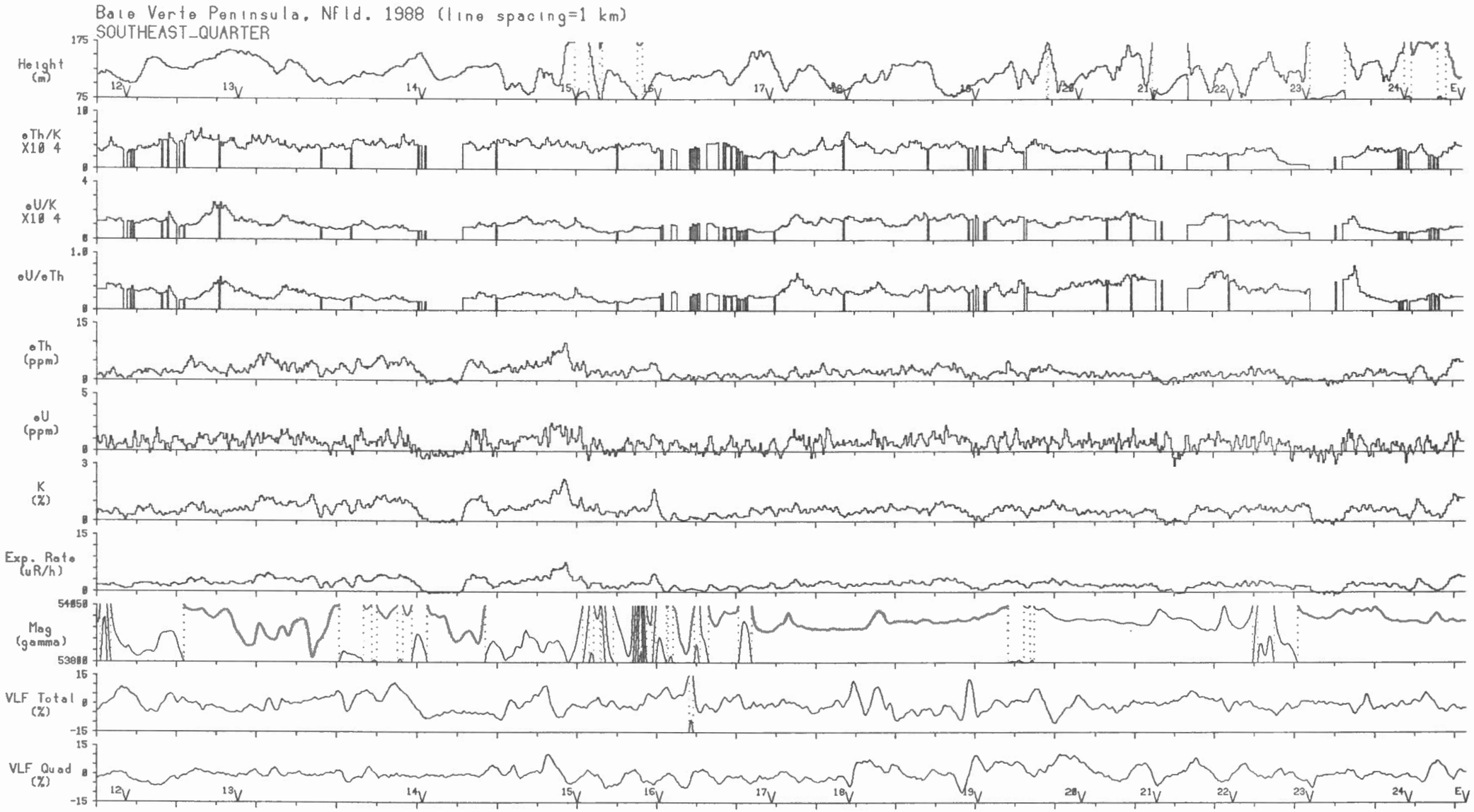

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
eTh (ppm)
eU (ppm)
K (%)
Exp. Rate (uR/h)
Mag (gamma)
VLF Total (%)
VLF Quad (%)
15
-15
12
13
14
15
16
17
18
19
20
21
22
23
24
E
Line 82
2 km
Scale 1:250000


Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53750
53500
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
25
24
23
22
21
20
19
18
17
16
Line 83
2 km
Scale 1:250000

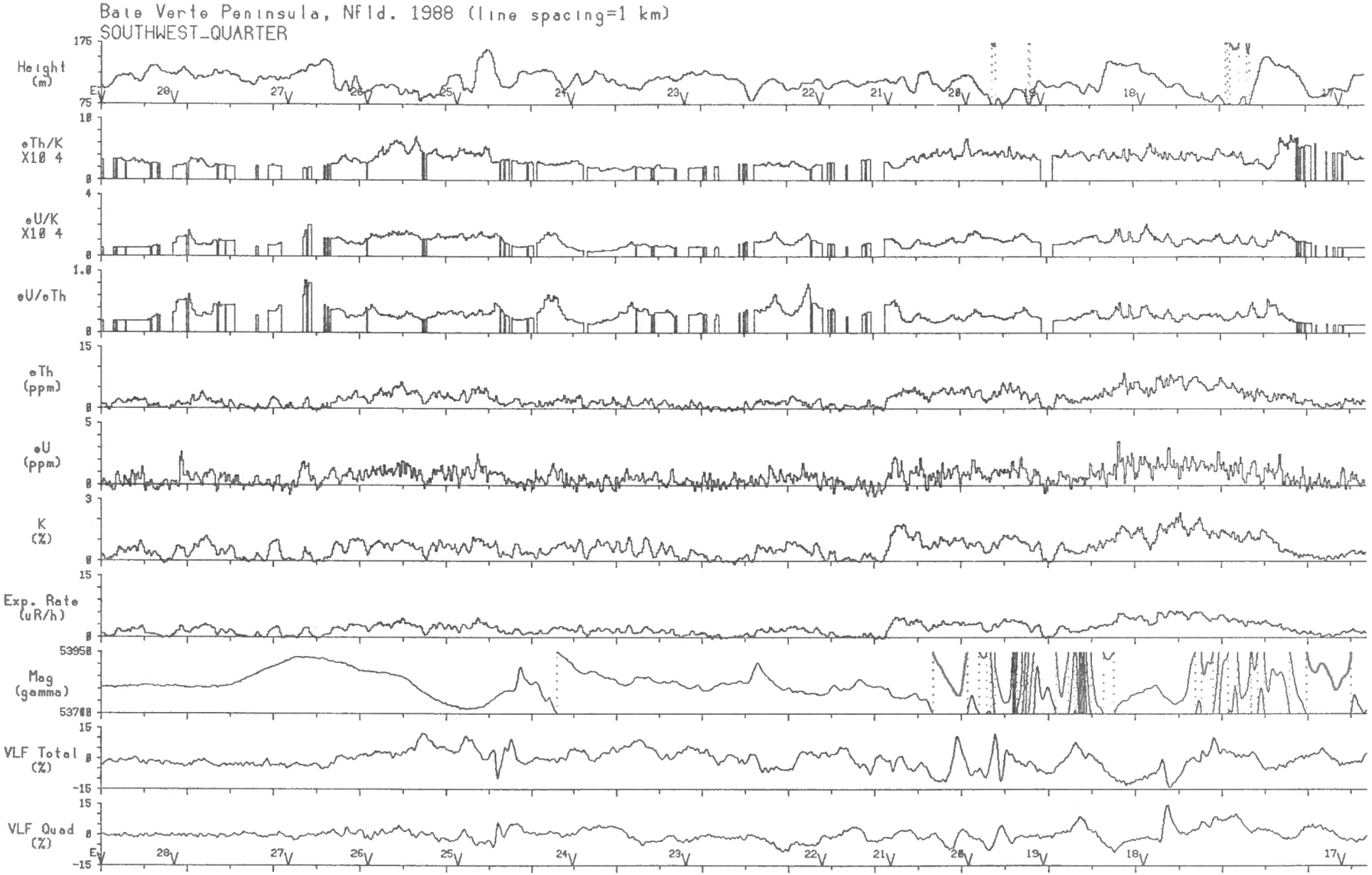

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54050
53000
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
15V 14V 13V 12V 11V 10V 9V 8V 7V 6V 5V 4V 3V 2V 1V 0V
Line 83
2 km
Scale 1:250000

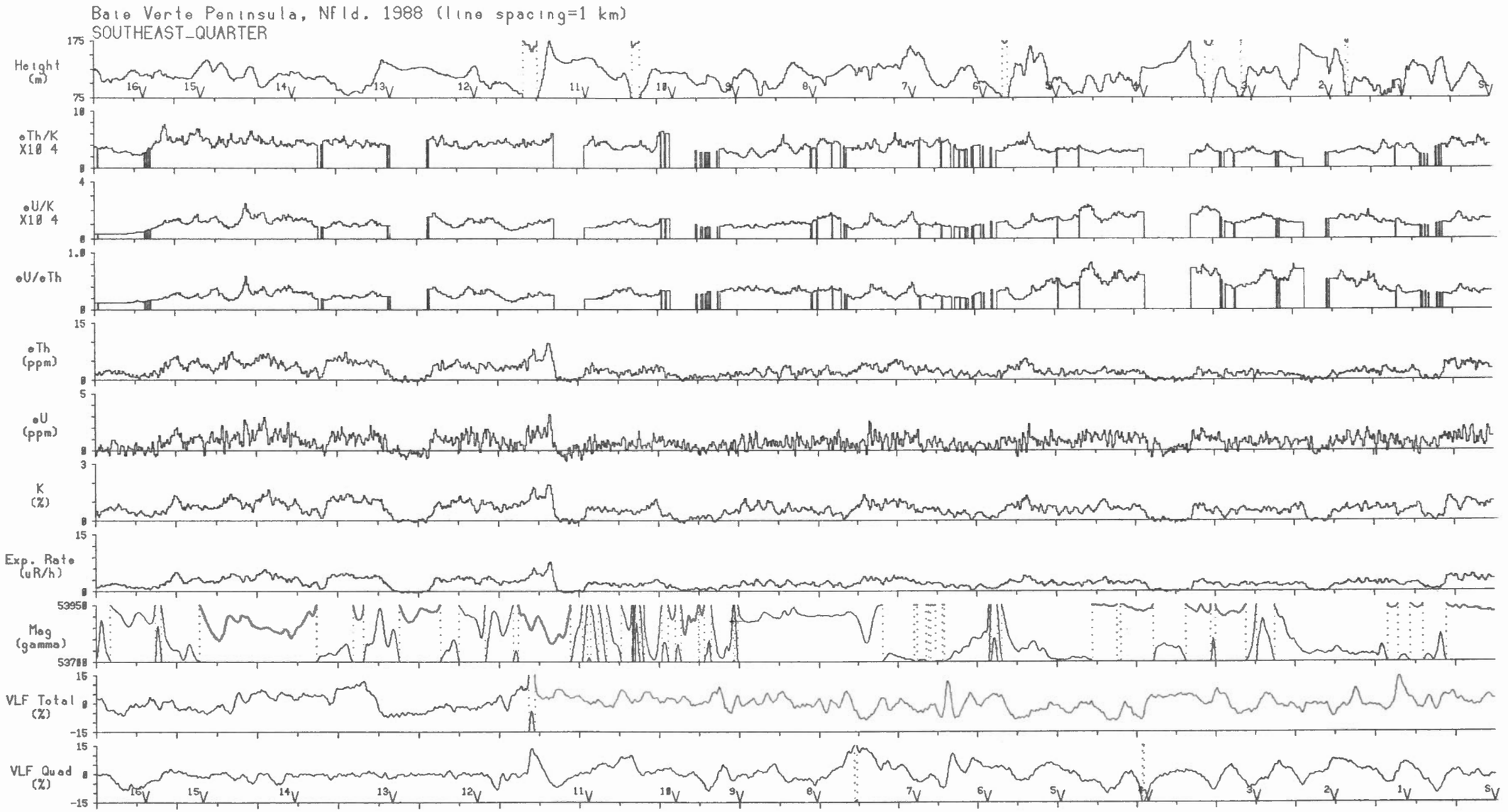


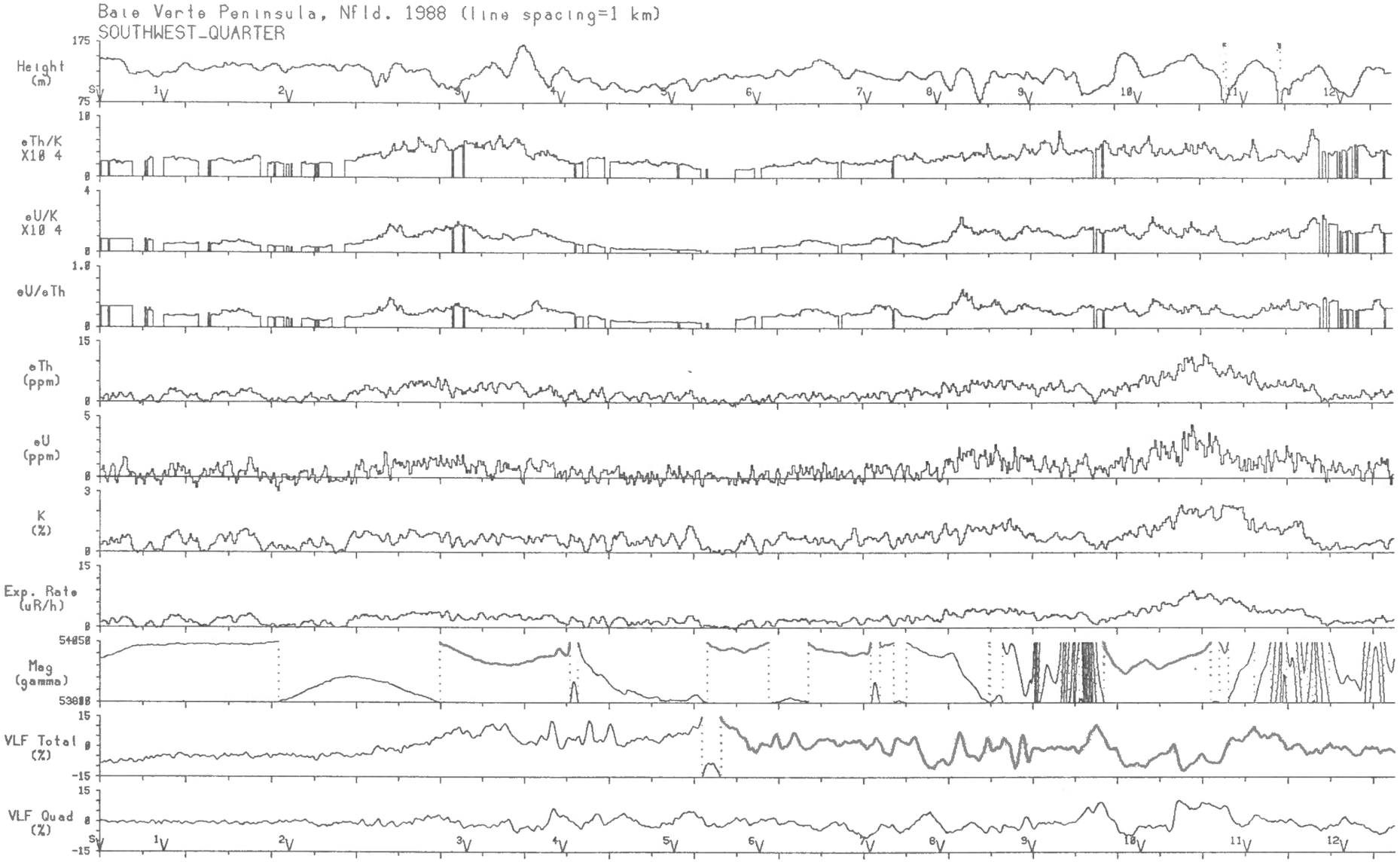
Line 84 2 km Scale 1:250000



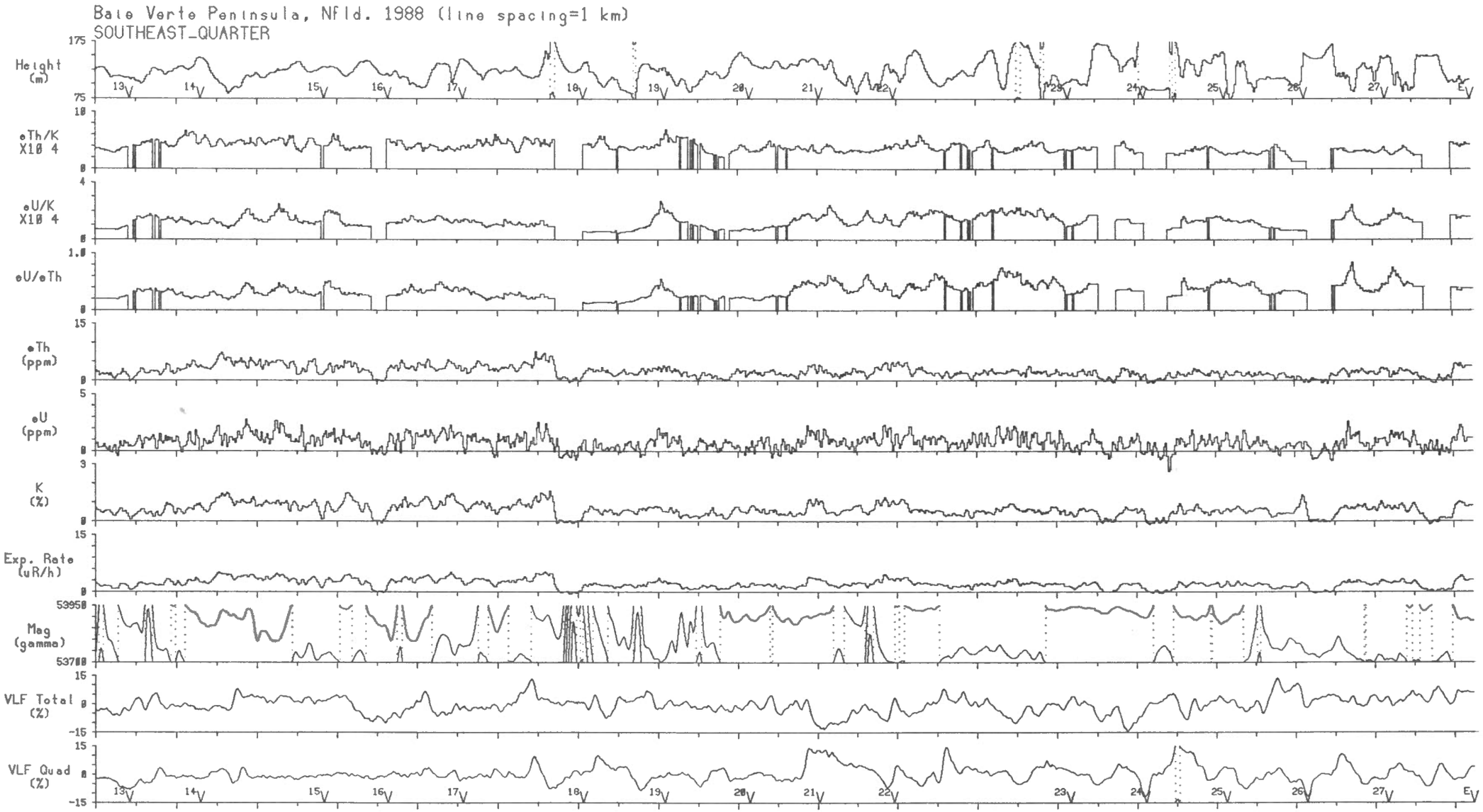
Line 84 2 km Scale 1:250000

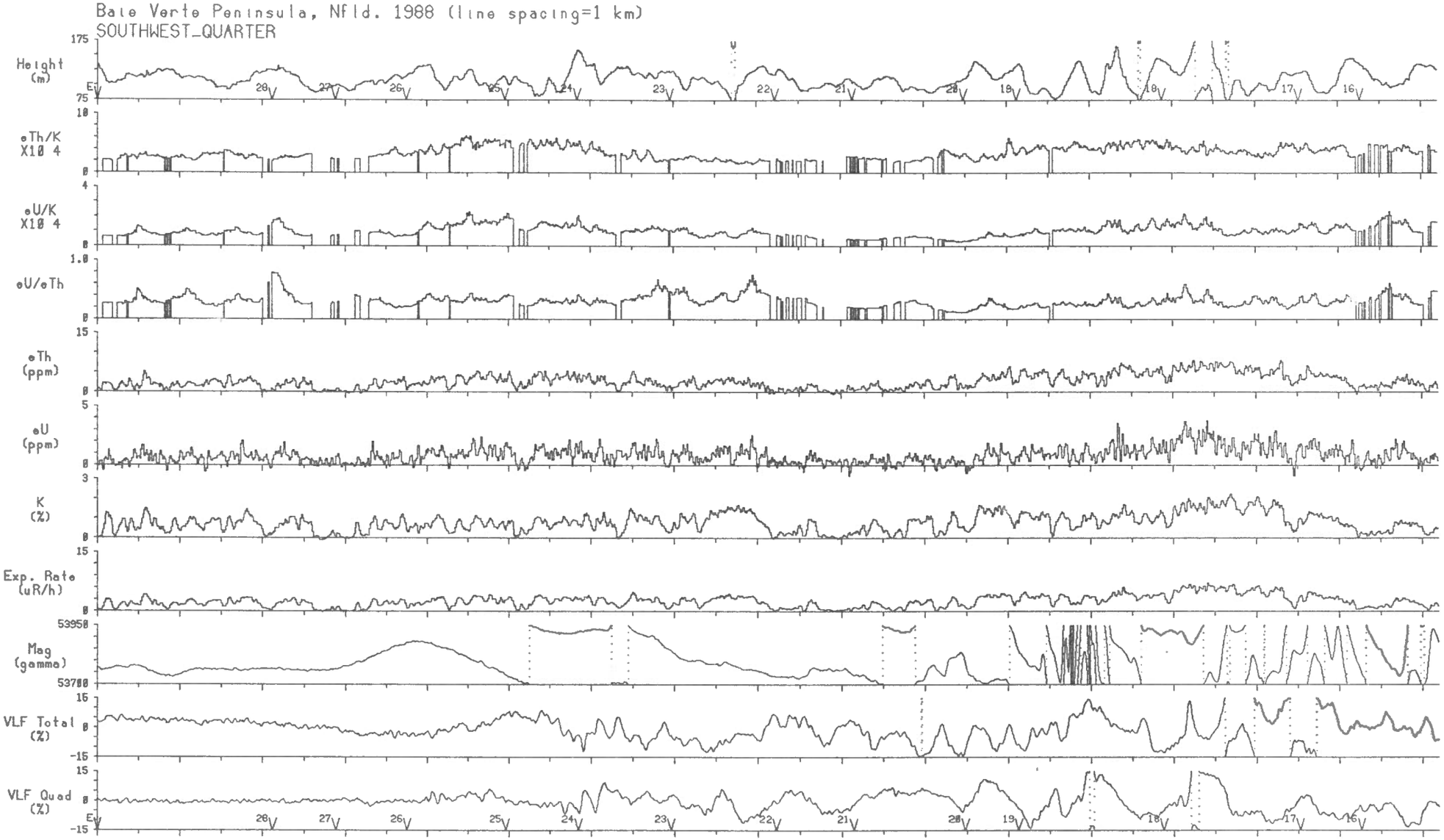

Bate Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
E
28
27
26
25
24
23
22
21
20
19
18
17
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53950
53700
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
28
27
26
25
24
23
22
21
20
19
18
17
Line 85
2 km
Scale 1:250000

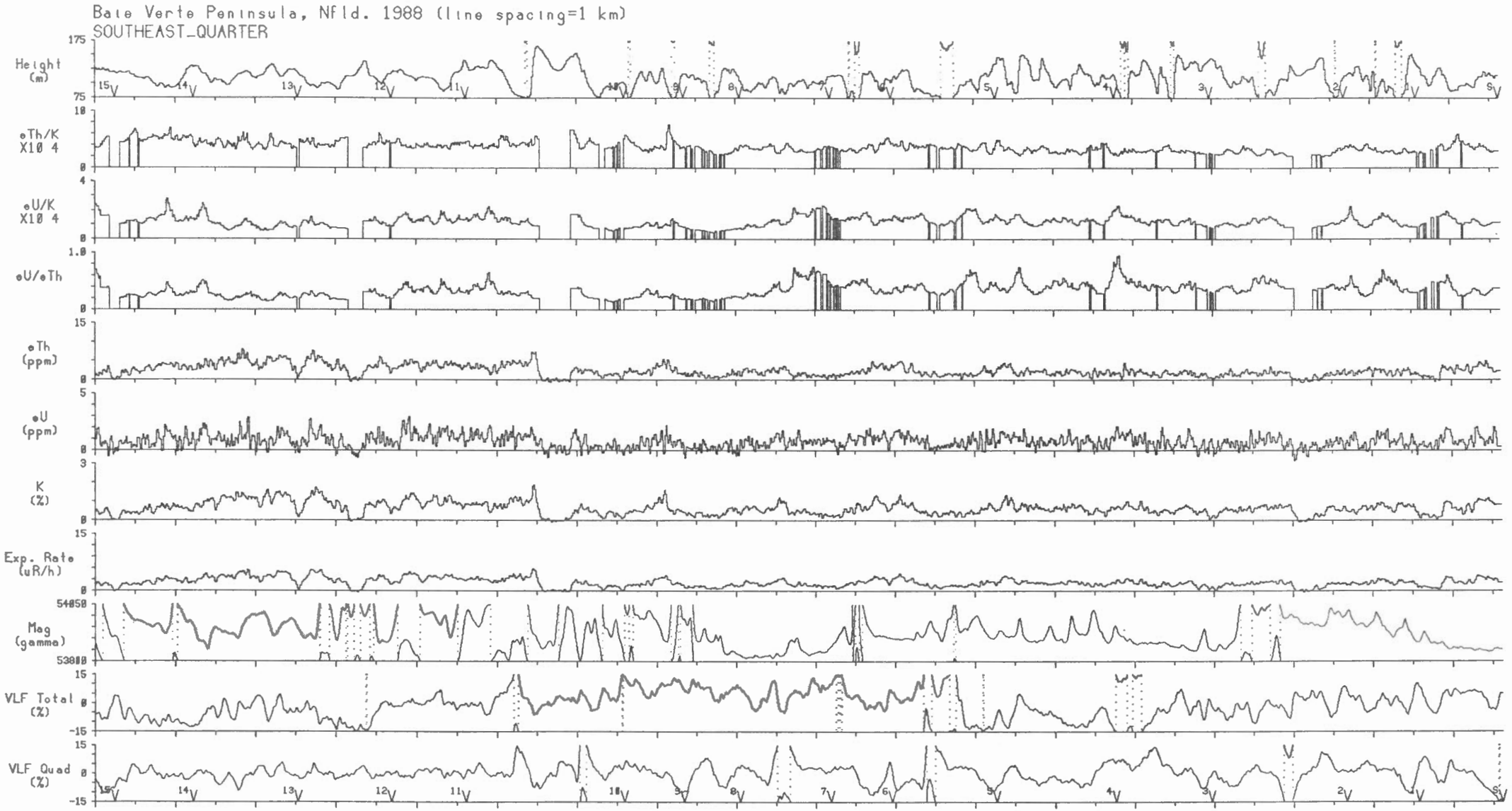

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53950
53700
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
16V 15V 14V 13V 12V 11V 10V 9V 8V 7V 6V 5V 4V 3V 2V 1V 0V
Line 85
2 km
Scale 1:250000

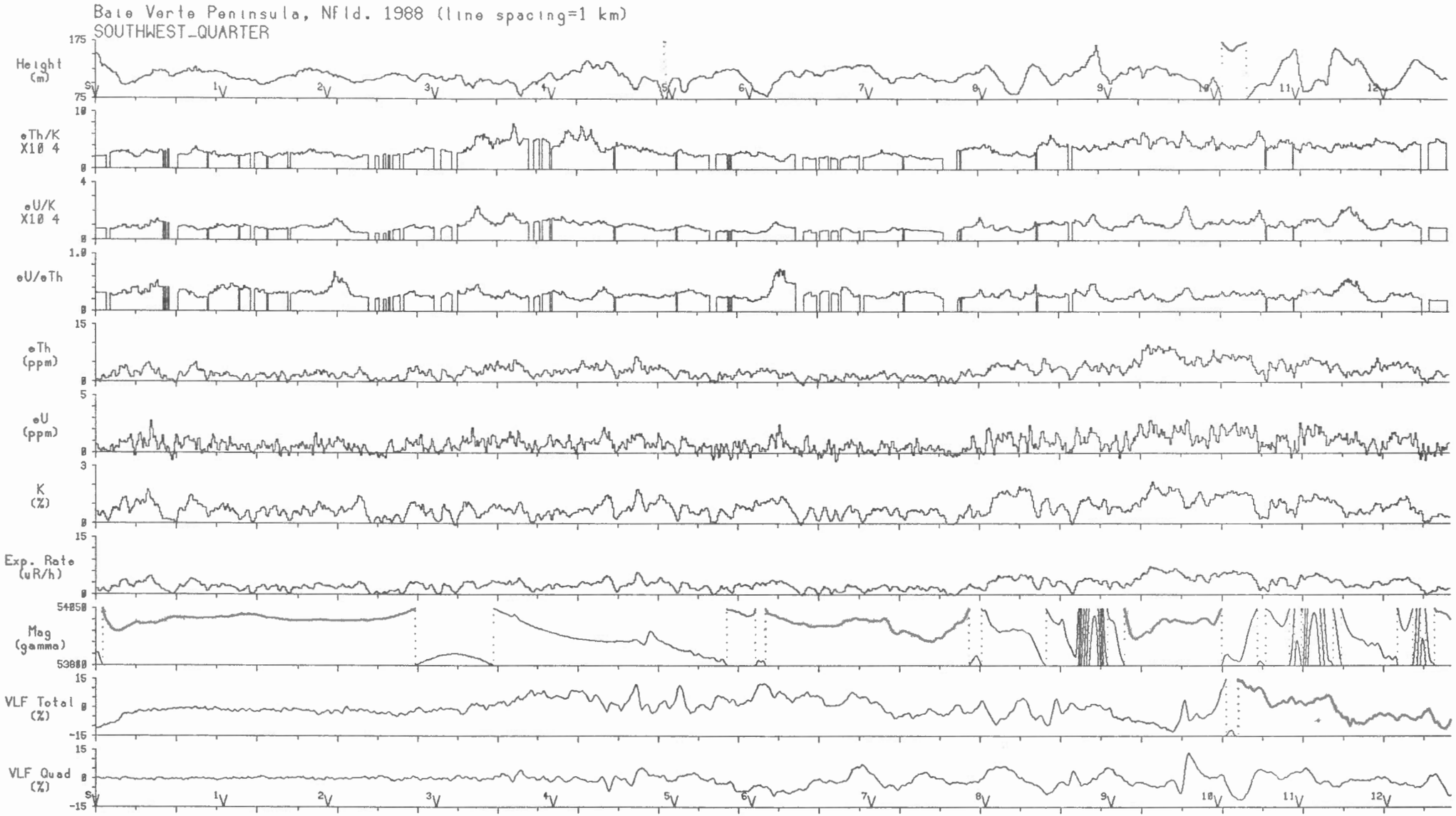


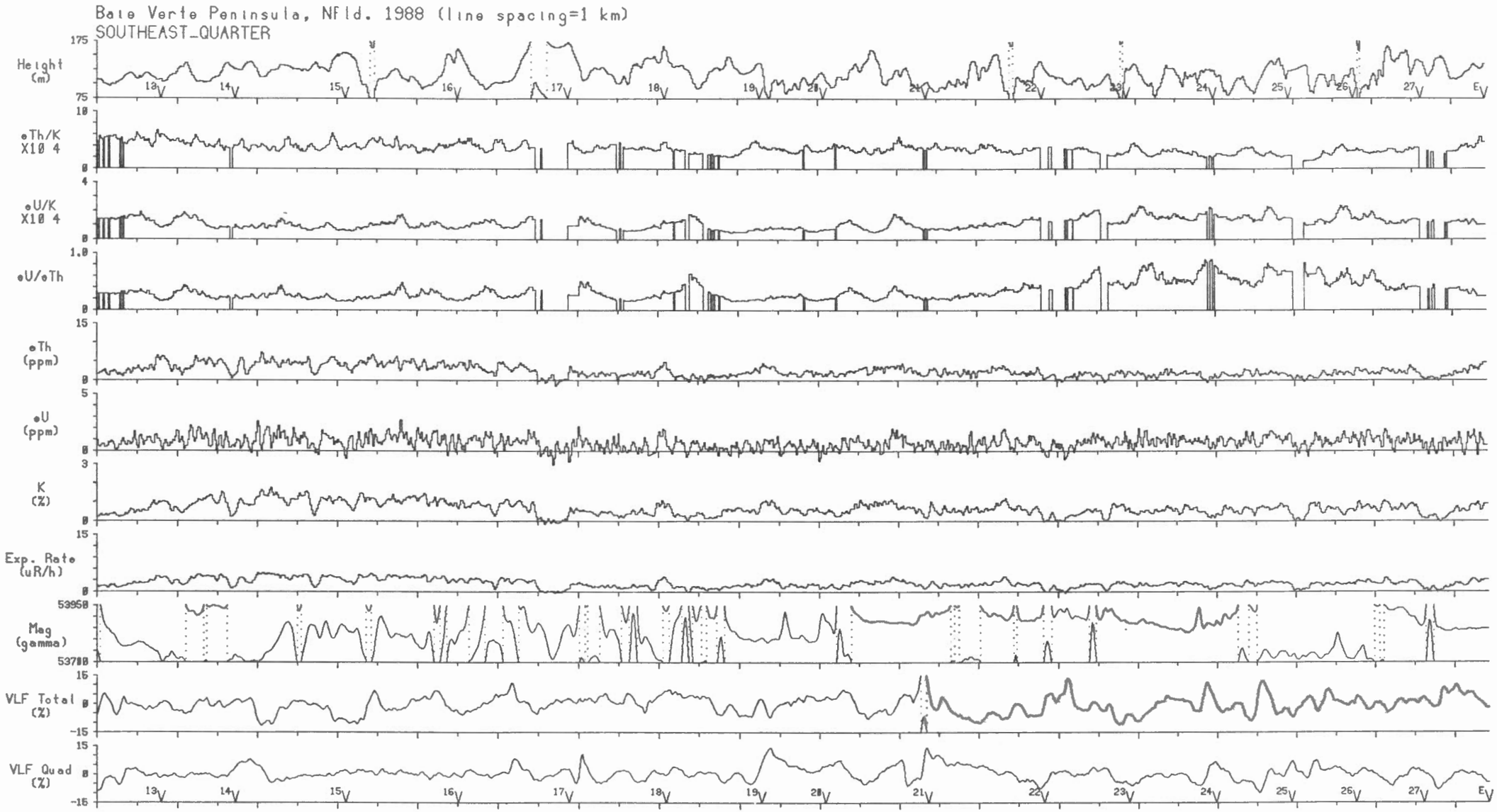
Line 86 2 km Scale 1:250000

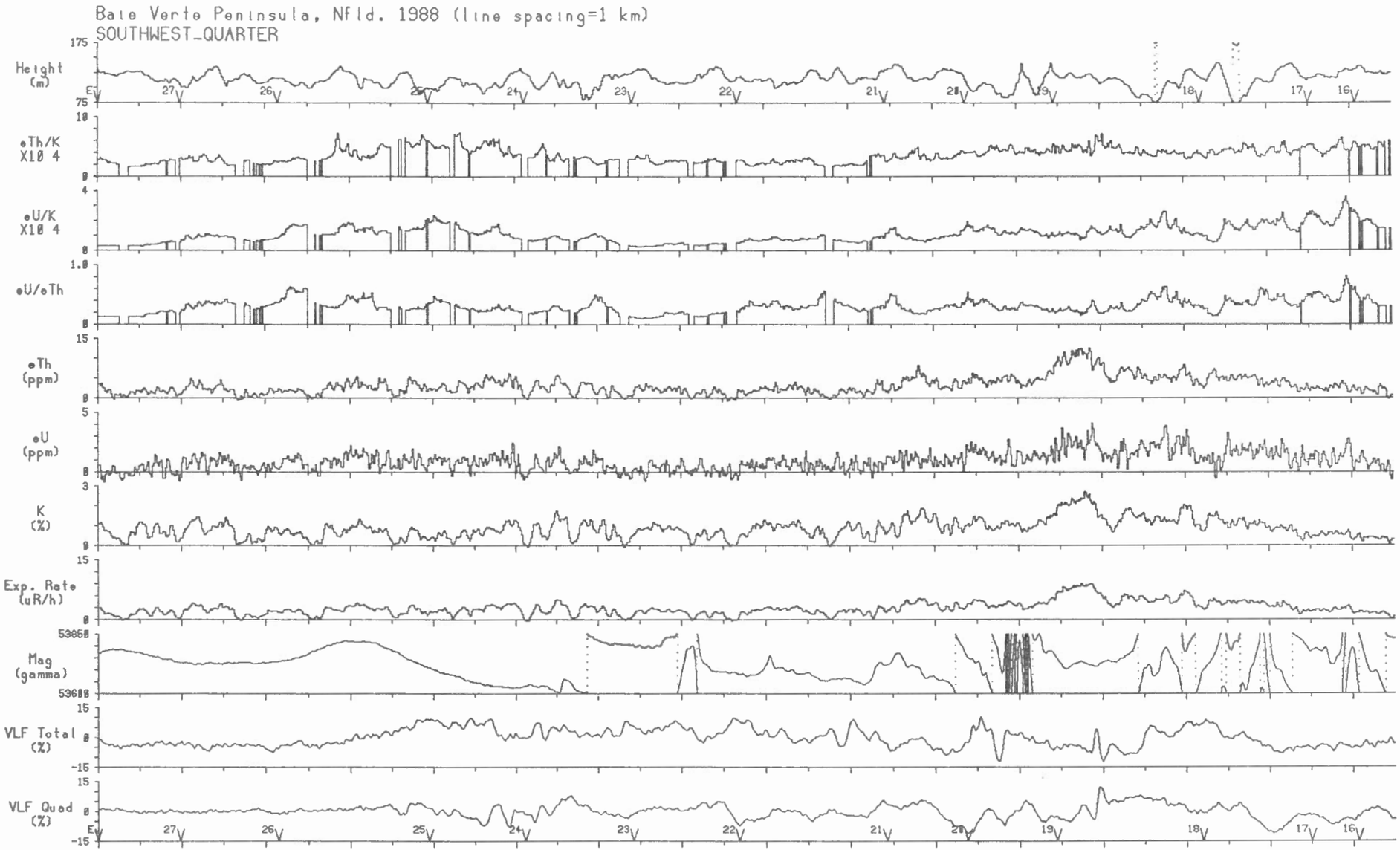

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53958
53708
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
E
Line 86
2 km
Scale 1:250000

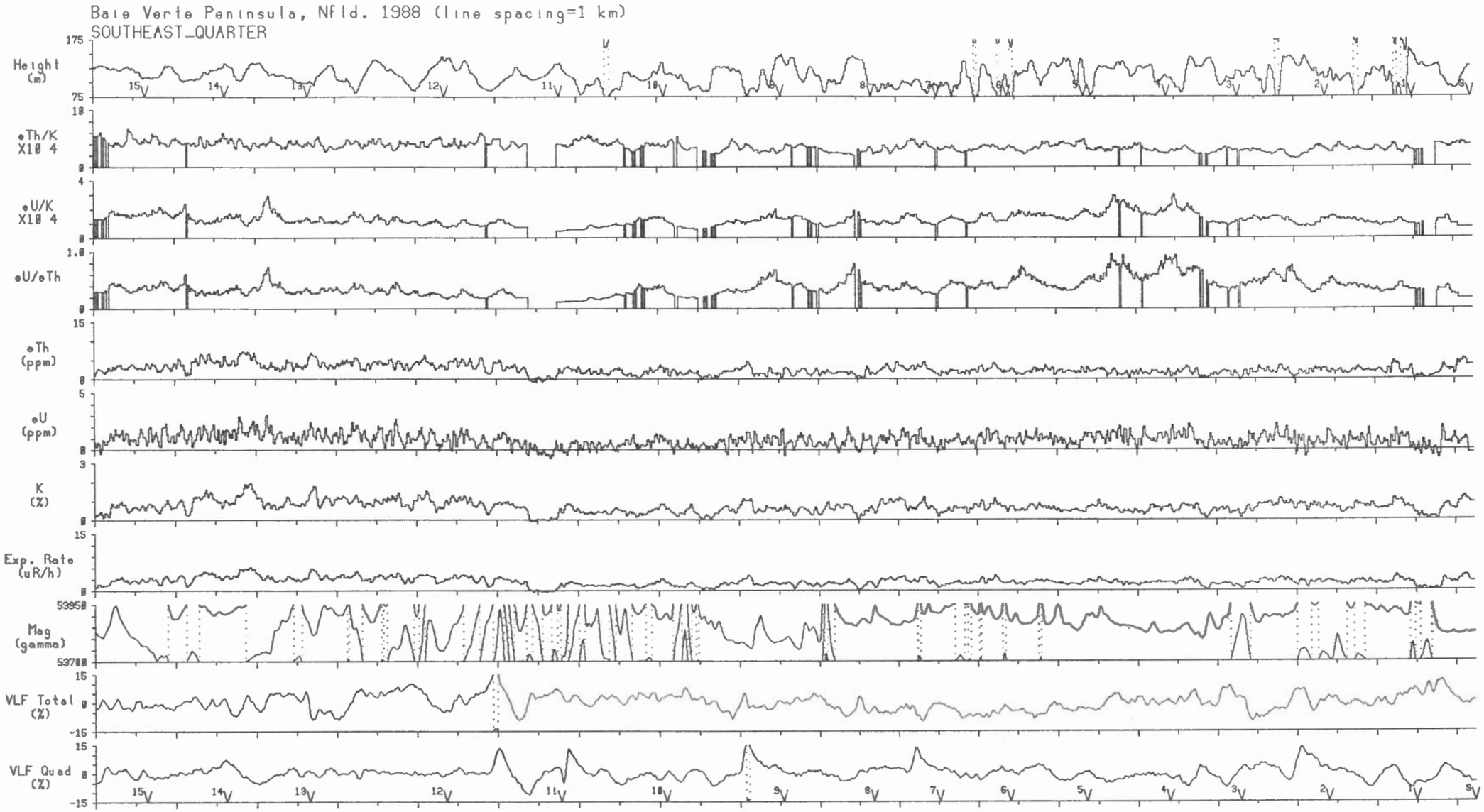

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
E
28
27
26
25
24
23
22
21
20
19
18
17
16
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53950
53700
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
28
27
26
25
24
23
22
21
20
19
18
17
16
Line 87
2 km
Scale 1:250000

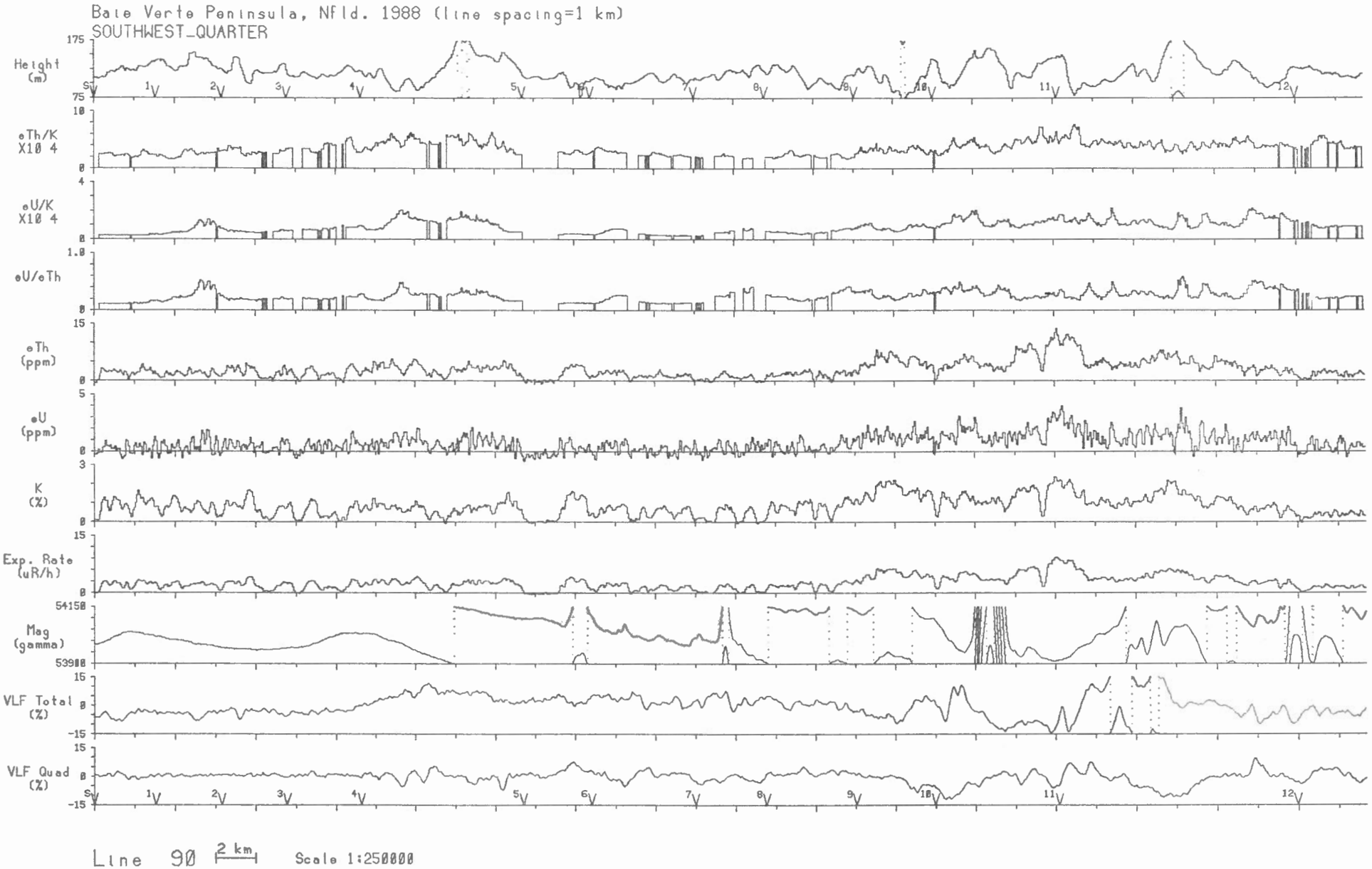

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54050
53000
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
Line 87
2 km
Scale 1:250000

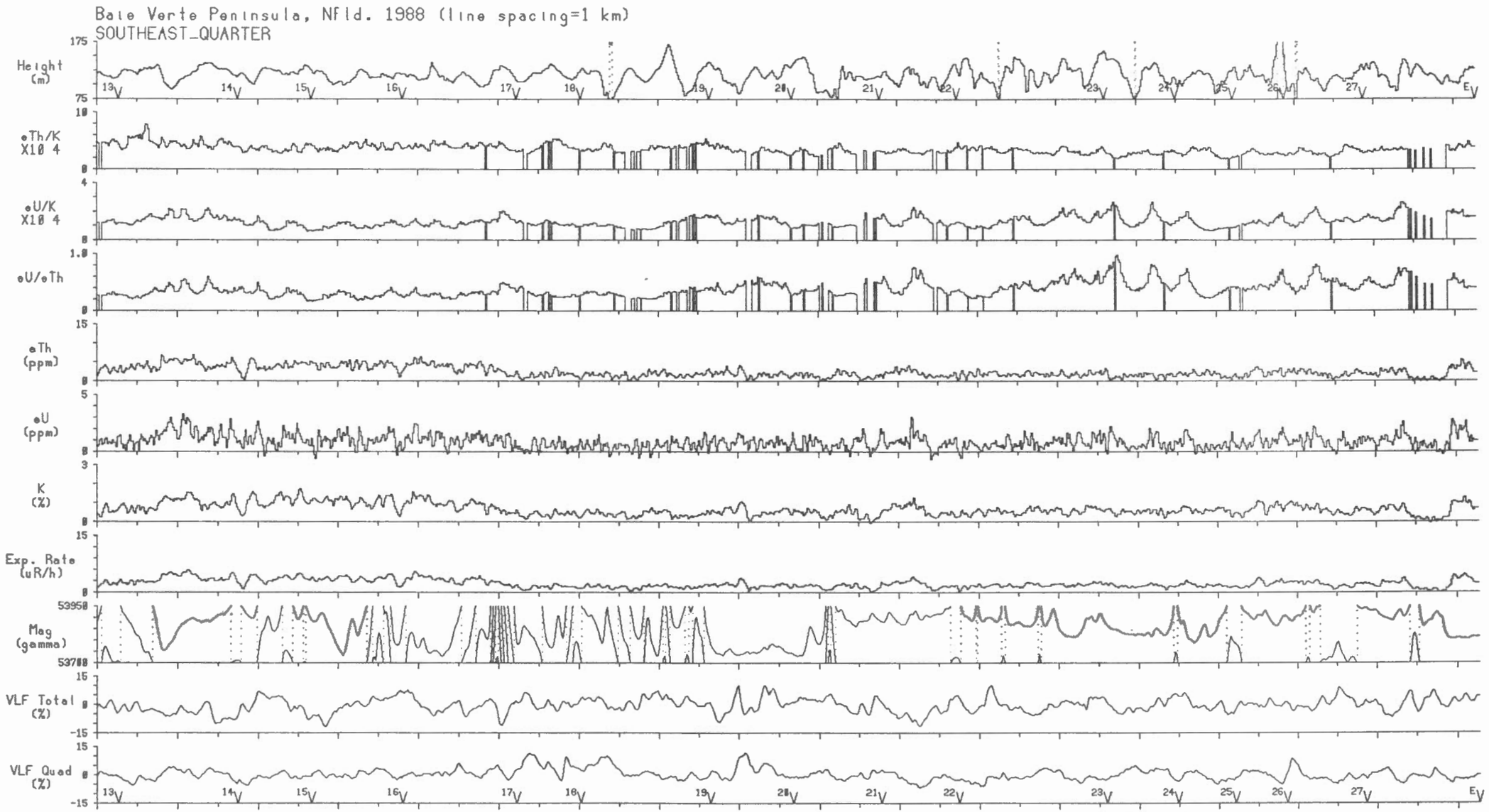

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54850
53880
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
8
9
10
11
12
Line 88
2 km
Scale 1:250000

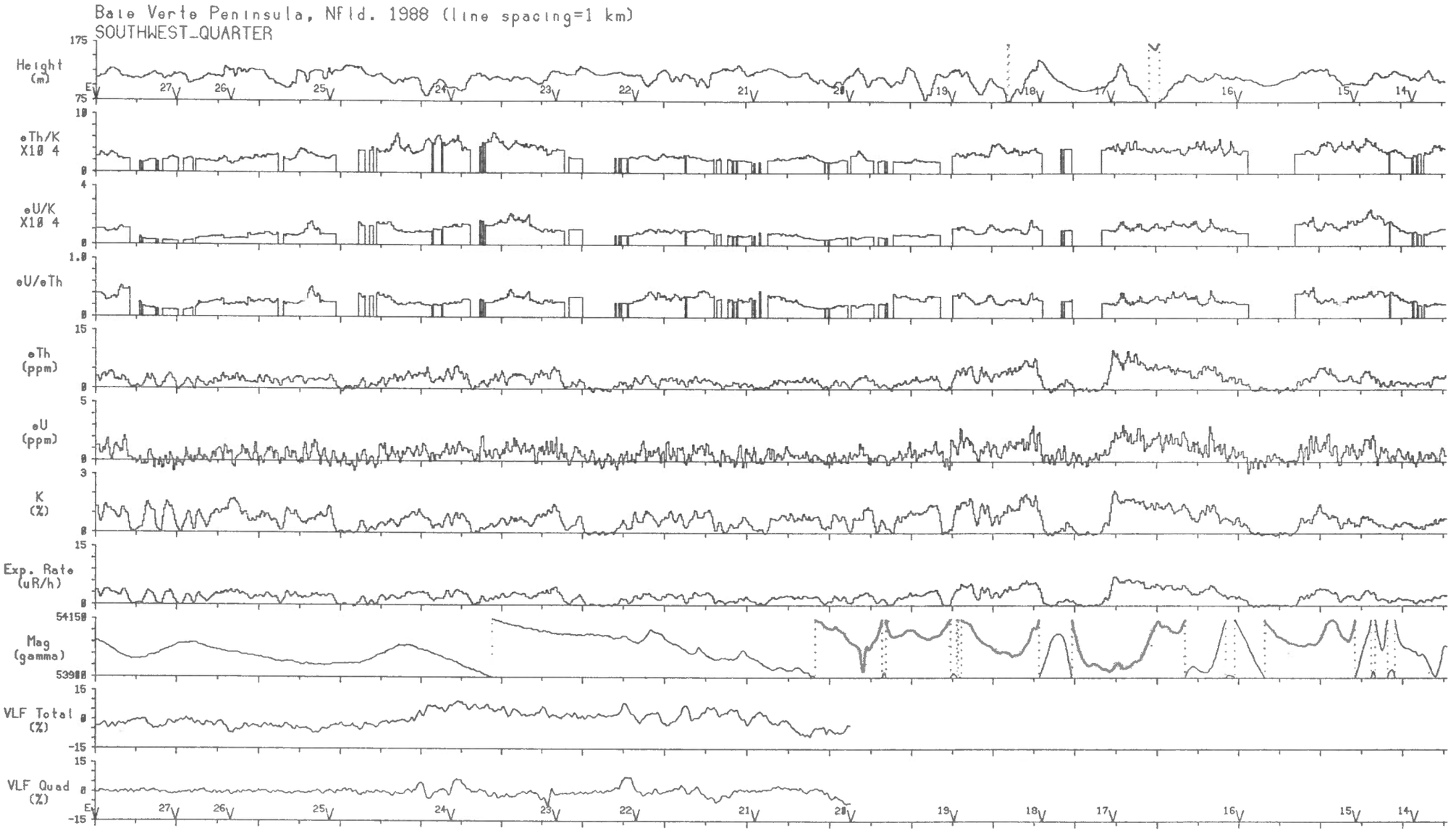

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53958
53788
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
E
Line 88
2 km
Scale 1:250000

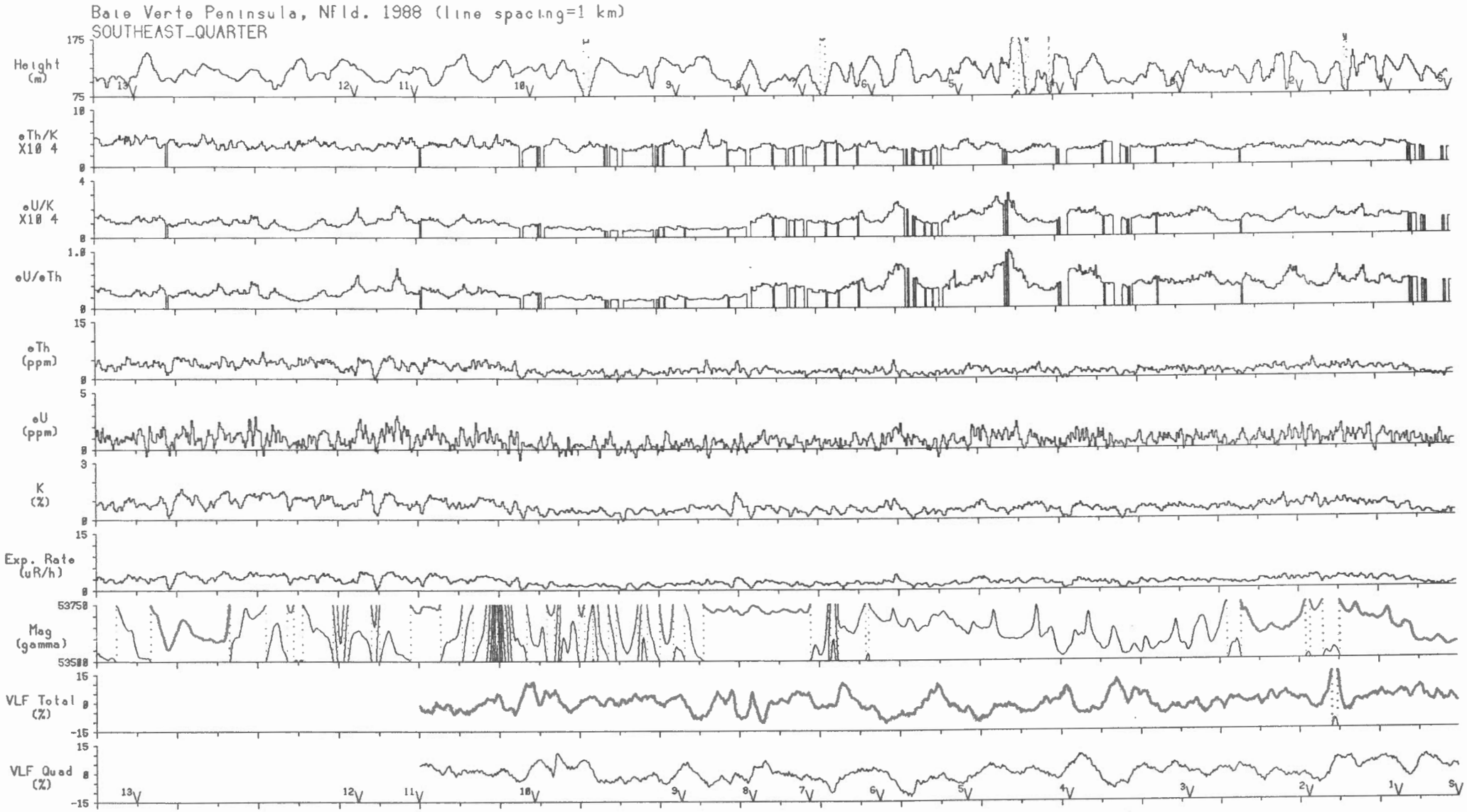

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
1.0
eTh (ppm)
15
eU (ppm)
5
K (%)
3
Exp. Rate (uR/h)
Mag (gamma)
VLF Total (%)
-15
VLF Quad (%)
E
27
26
25
24
23
22
21
20
19
18
17
16
Line 89
2 km
Scale 1:250000

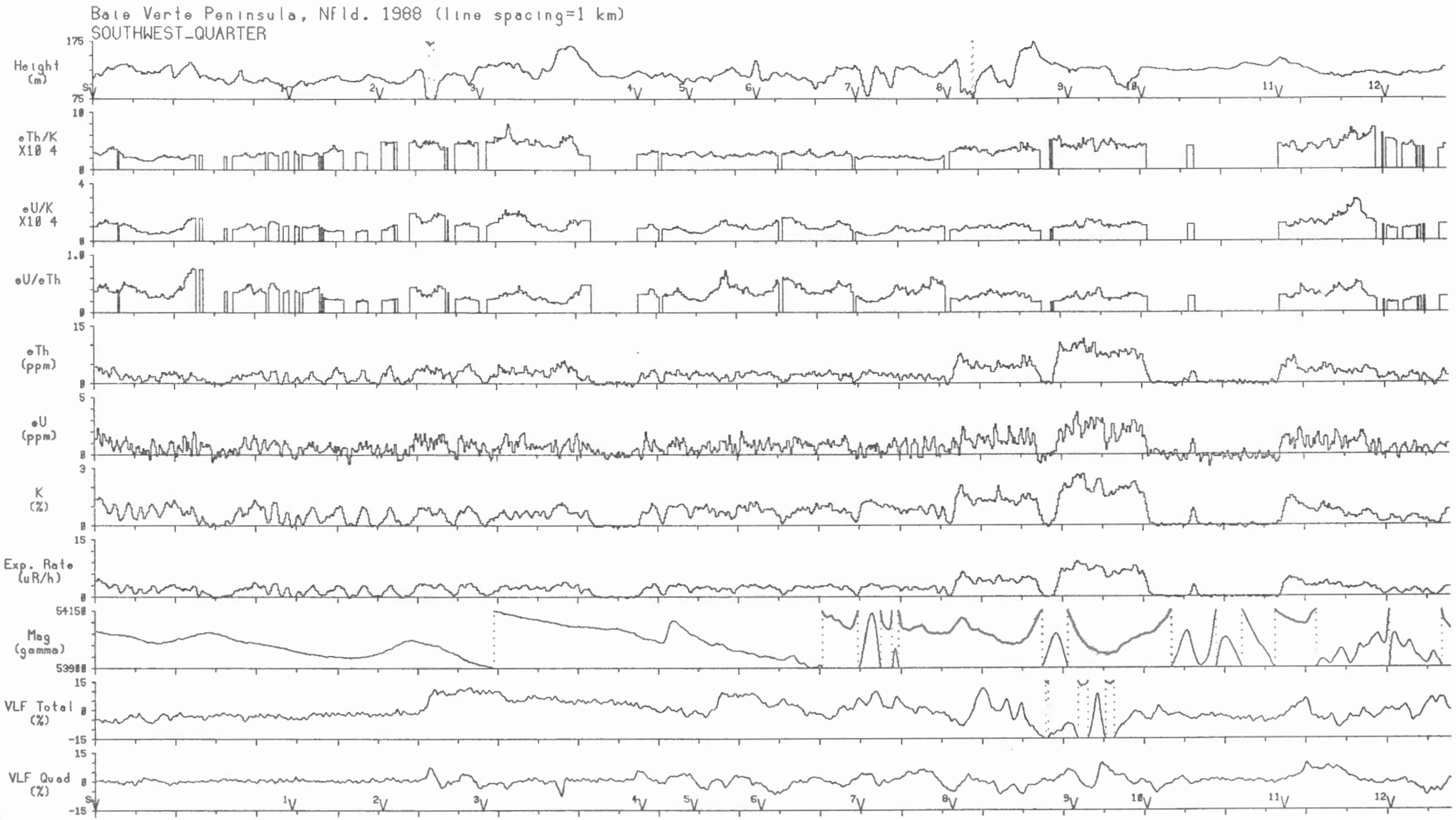

Bale Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
1.0
eTh (ppm)
15
eU (ppm)
5
K (%)
3
Exp. Rate (uR/h)
Mag (gamma)
VLF Total (%)
-15
VLF Quad (%)
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 S
Line 89
2 km
Scale 1:250000

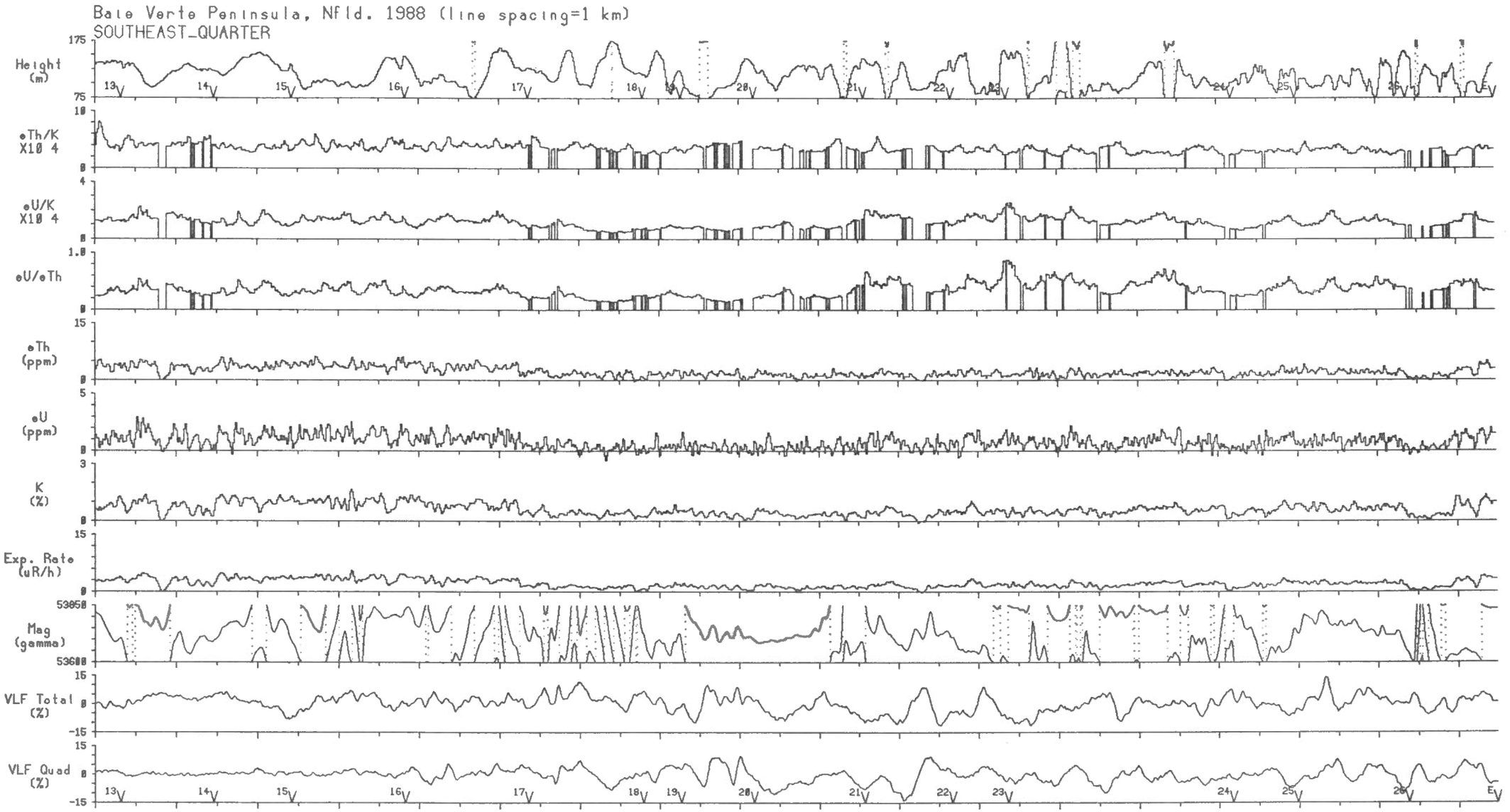

Bale Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54150
53900
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
8
9
10
11
12
Line 90
2 km
Scale 1:250000

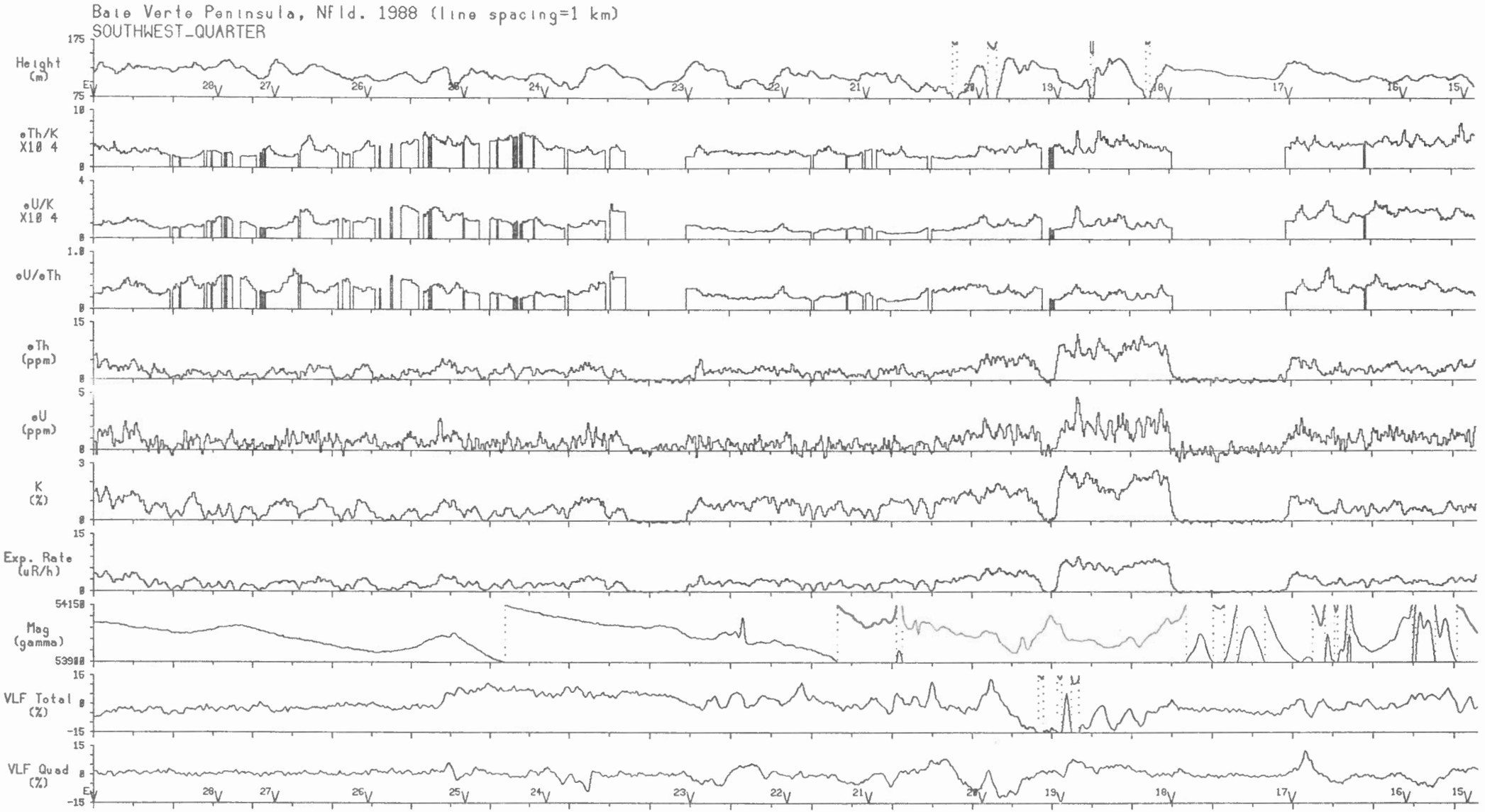

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53958
53788
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
E
Line 90
2 km
Scale 1:250000

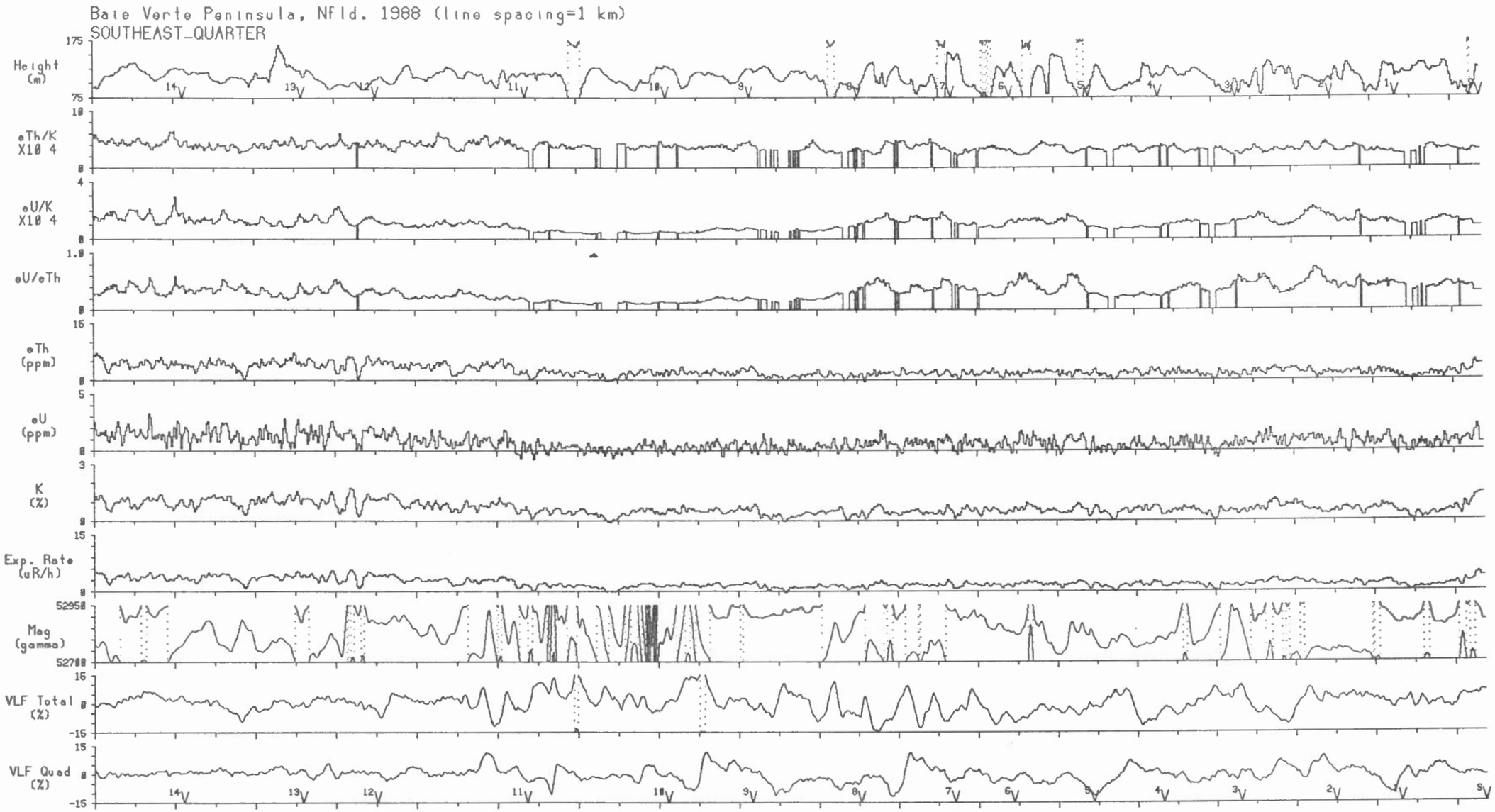

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54150
53900
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
27
26
25
24
23
22
21
20
19
18
17
16
15
14
Line 91
2 km
Scale 1:250000

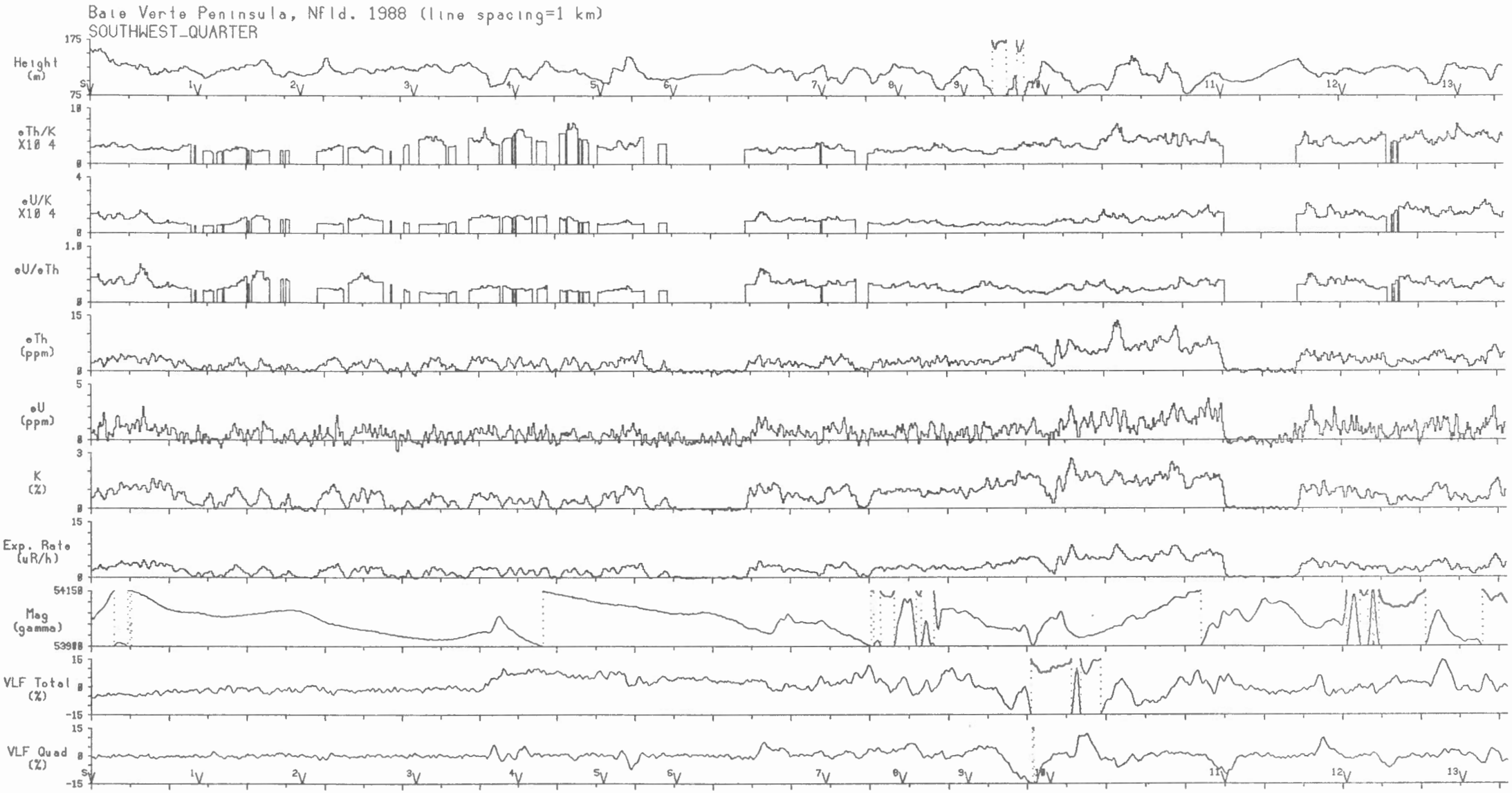

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
1.0
eTh (ppm)
eU (ppm)
K (%)
Exp. Rate (uR/h)
Mag (gamma)
53750
53500
VLF Total (%)
VLF Quad (%)
13
12
11
10
9
8
7
6
5
4
3
2
1
Line 91
2 km
Scale 1:250000

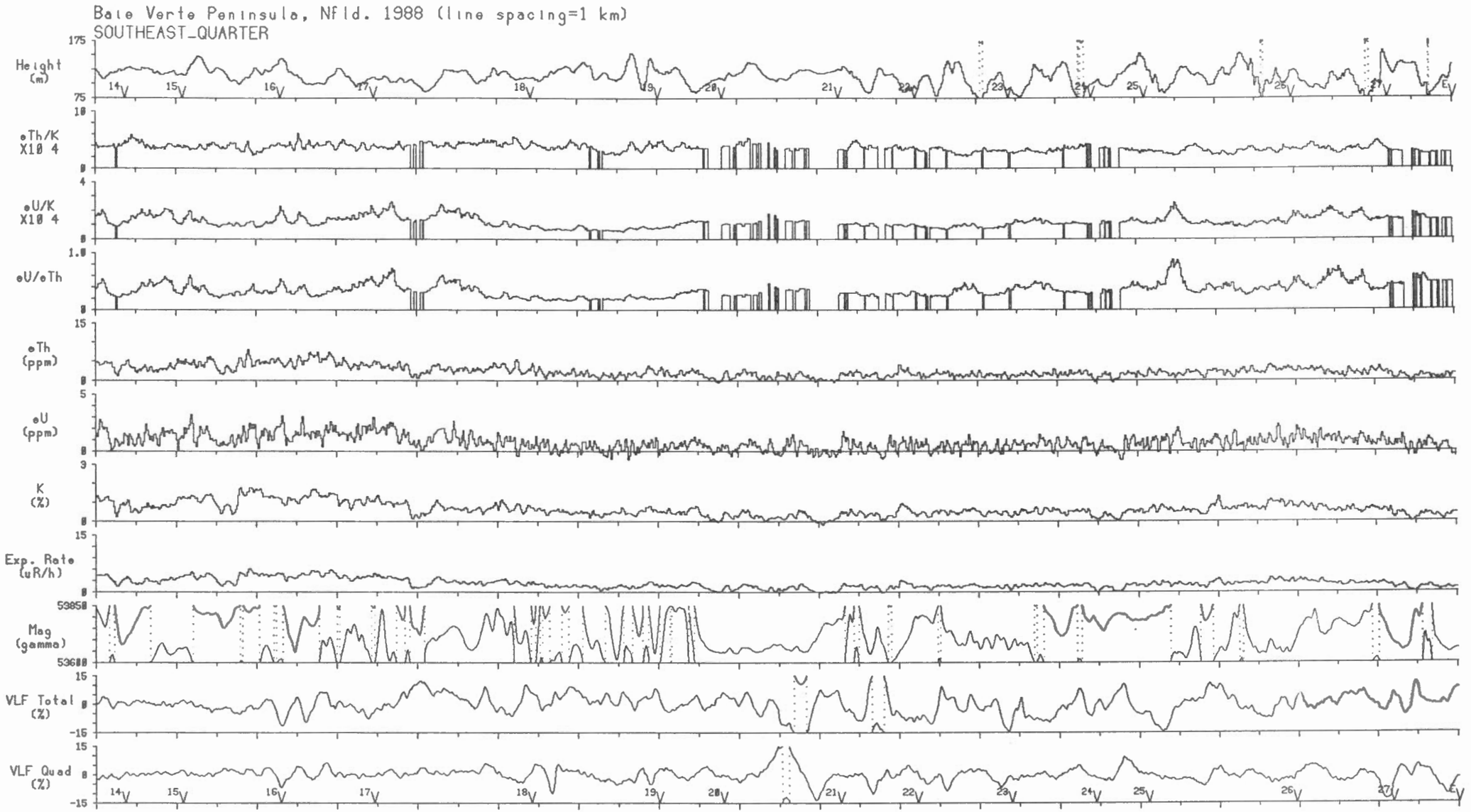

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54158
53988
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
8
9
10
11
12
Line 92
2 km
Scale 1:250000

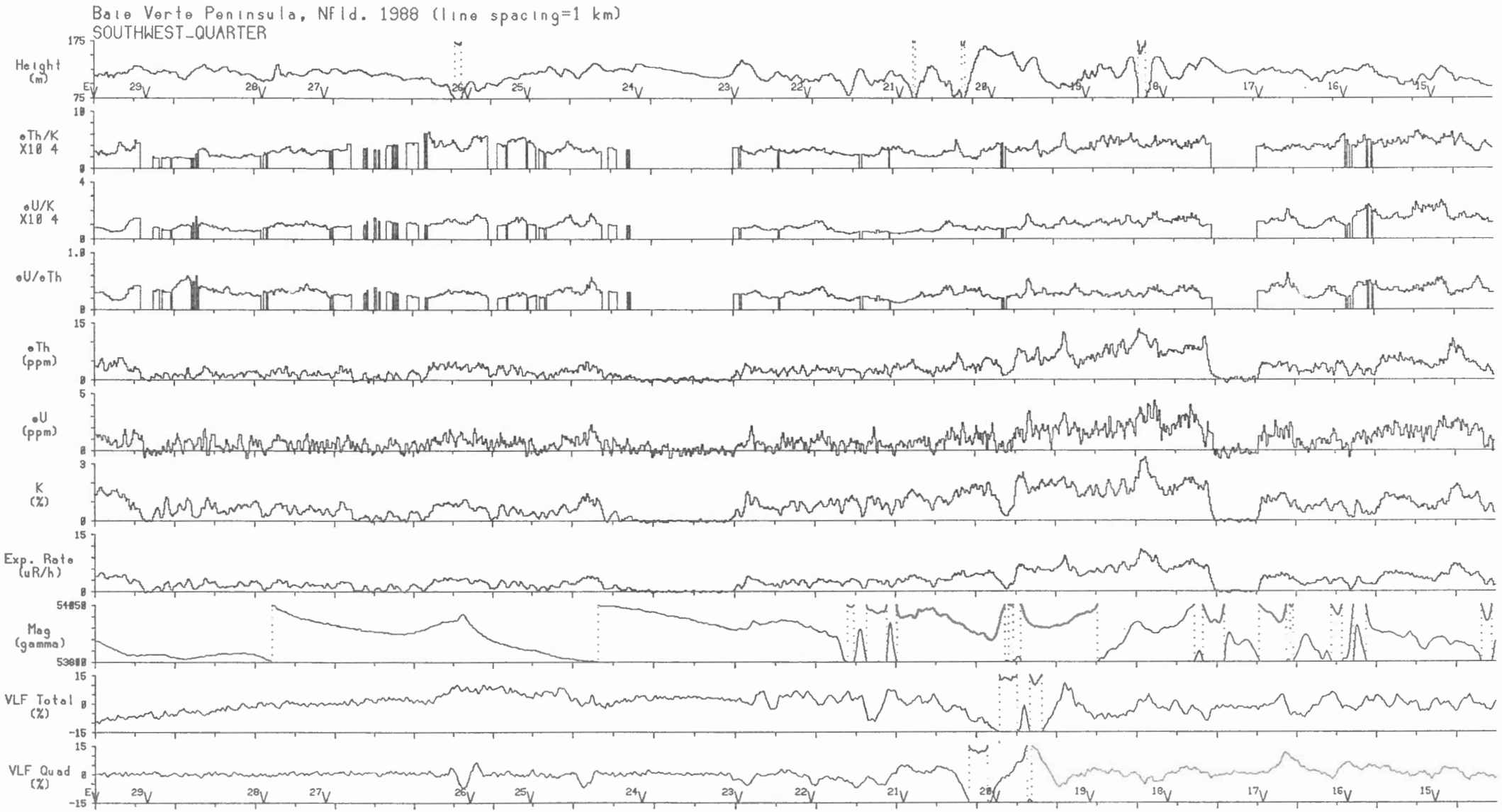

Bale Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53650
53600
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
13
14
15
16
17
18
19
20
21
22
23
24
25
26
E
Line 92
2 km
Scale 1:250000

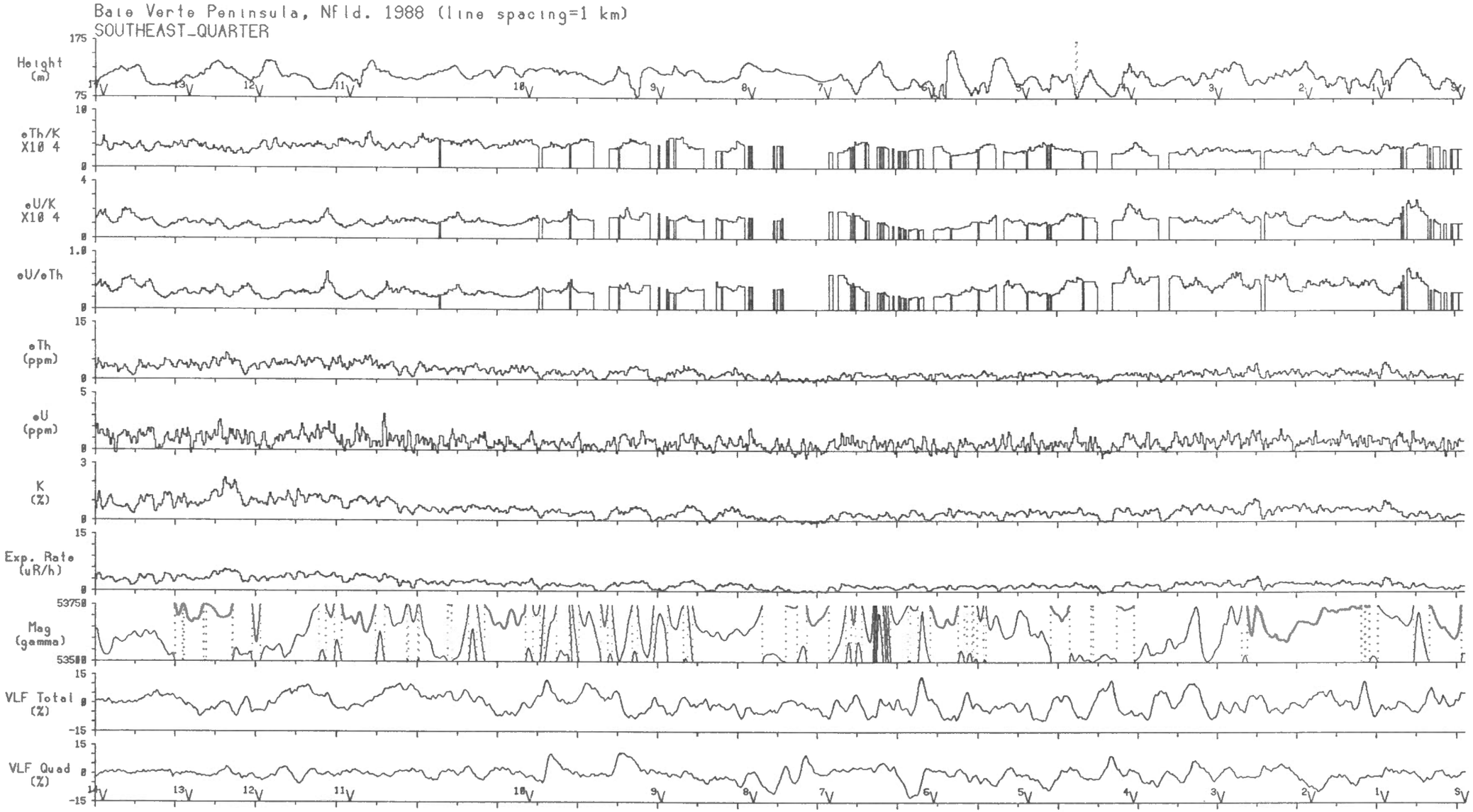

Bale Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54150
53900
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
28
27
26
25
24
23
22
21
20
19
18
17
16
15
Line 93
2 km
Scale 1:250000

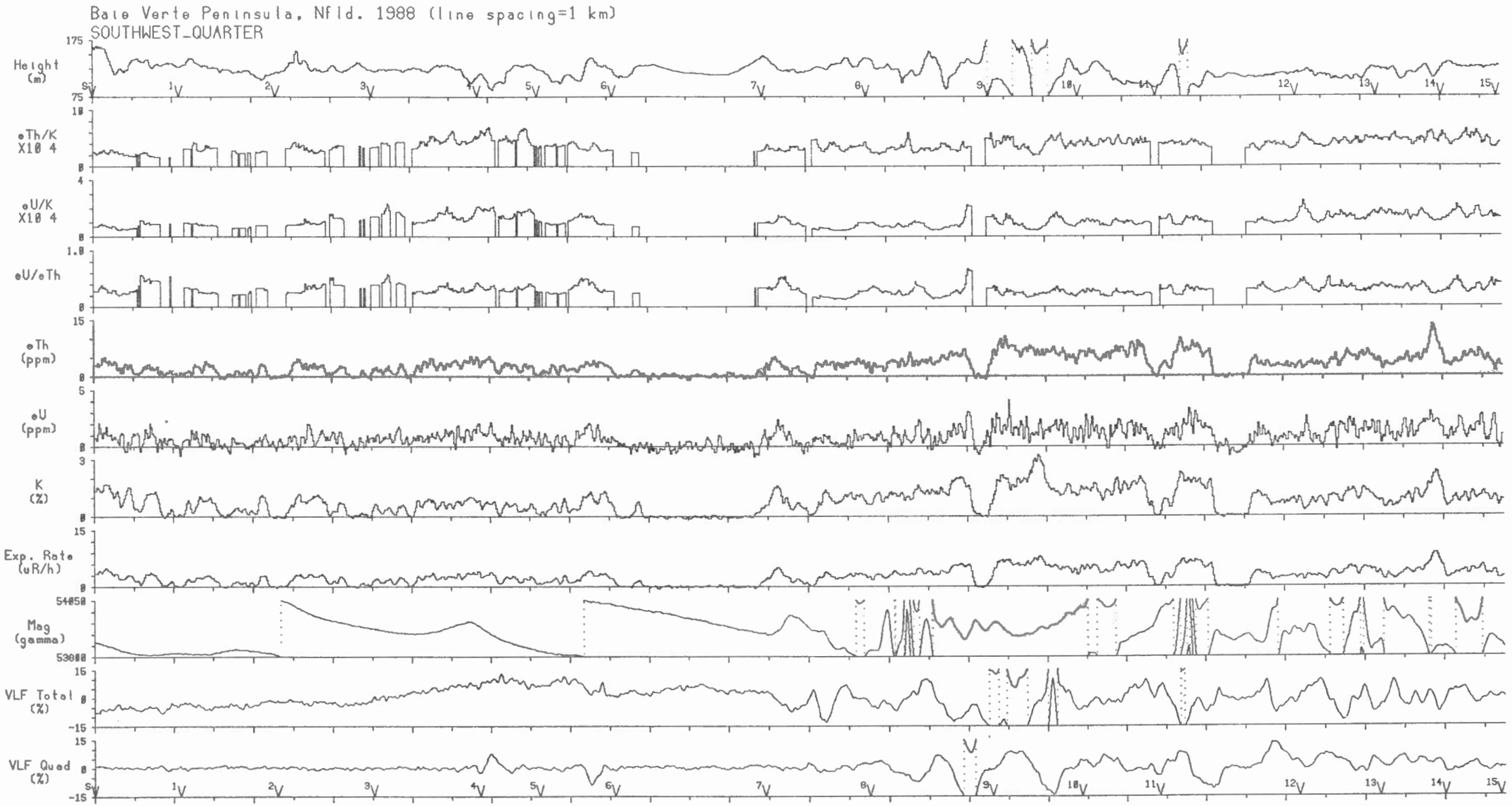

Bale Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
1.0
eTh (ppm)
15
eU (ppm)
5
K (%)
3
Exp. Rate (uR/h)
Mag (gamma)
52958
52788
VLF Total (%)
-15
VLF Quad (%)
14
13
12
11
10
9
8
7
6
5
4
3
2
1
Line 93
2 km
Scale 1:250000

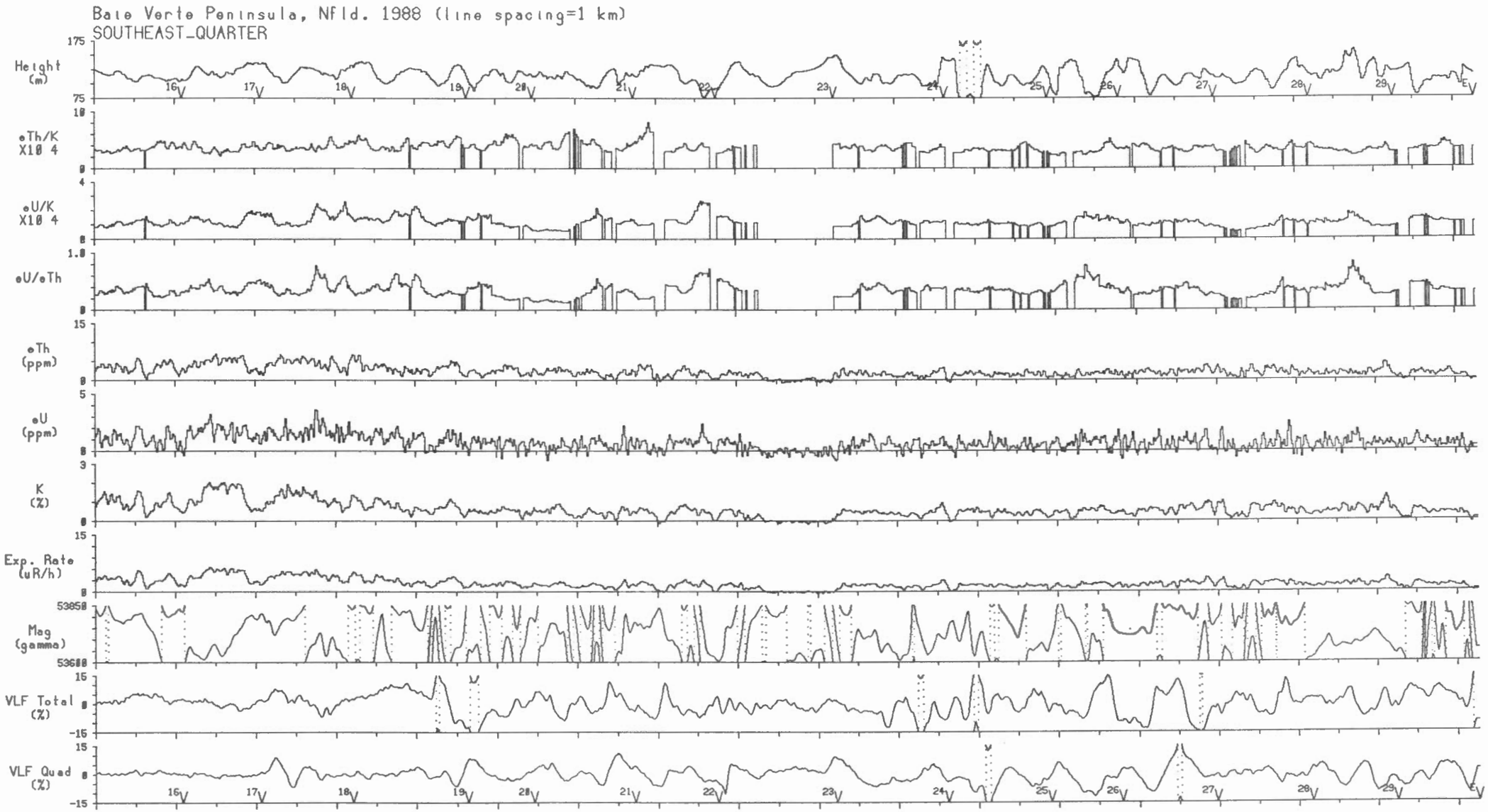

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54150
53900
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
8
9
10
11
12
13
Line 94
2 km
Scale 1:250000

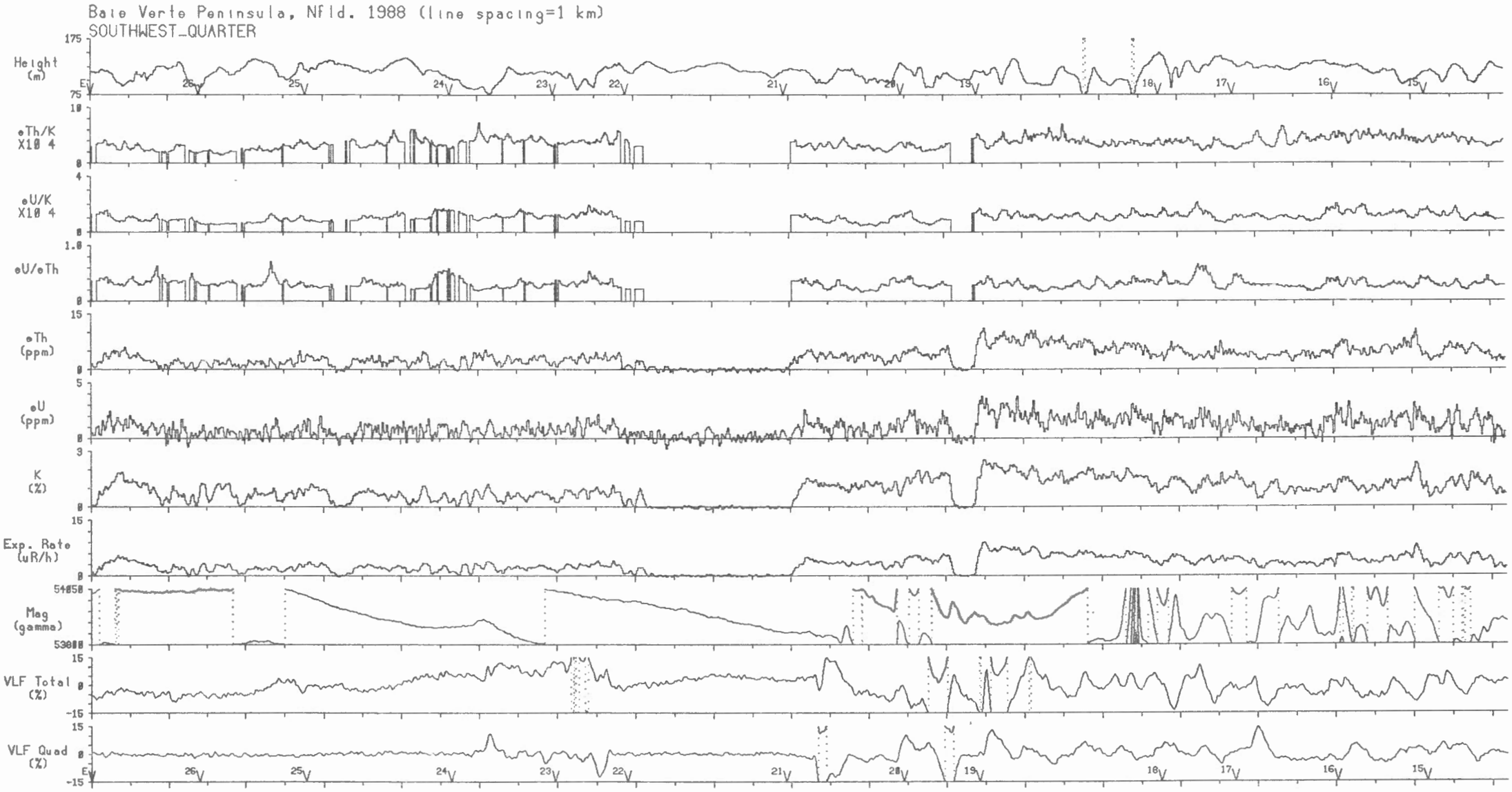

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53850
53600
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
14
15
16
17
18
19
20
21
22
23
24
25
26
27
E
Line 94
2 km
Scale 1:250000

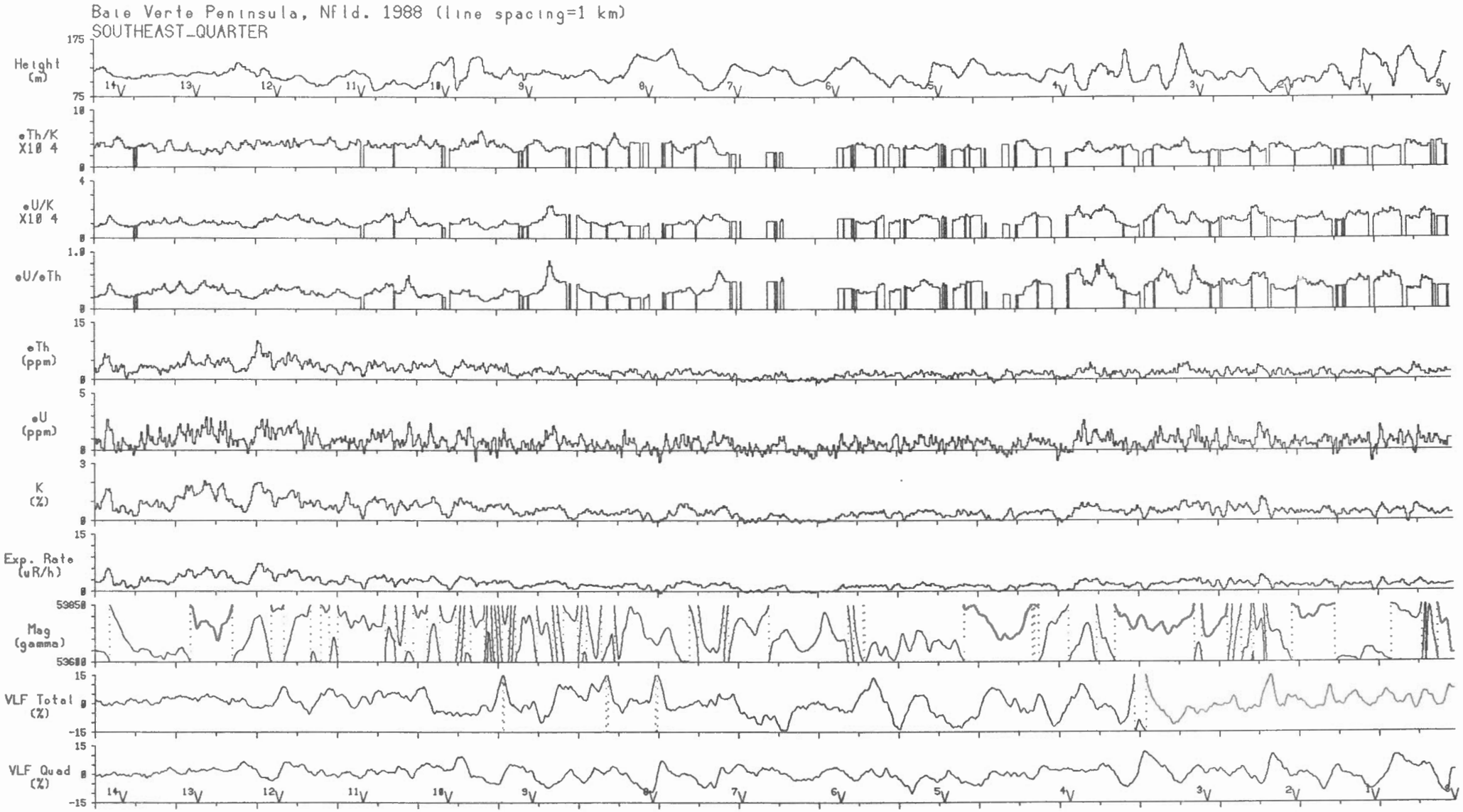

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
1.0
eTh (ppm)
15
eU (ppm)
5
K (%)
3
Exp. Rate (uR/h)
Mag (gamma)
54858
53888
VLF Total (%)
-15
VLF Quad (%)
E
29
28
27
26
25
24
23
22
21
20
19
18
17
16
15
Line 95
2 km
Scale 1:250000

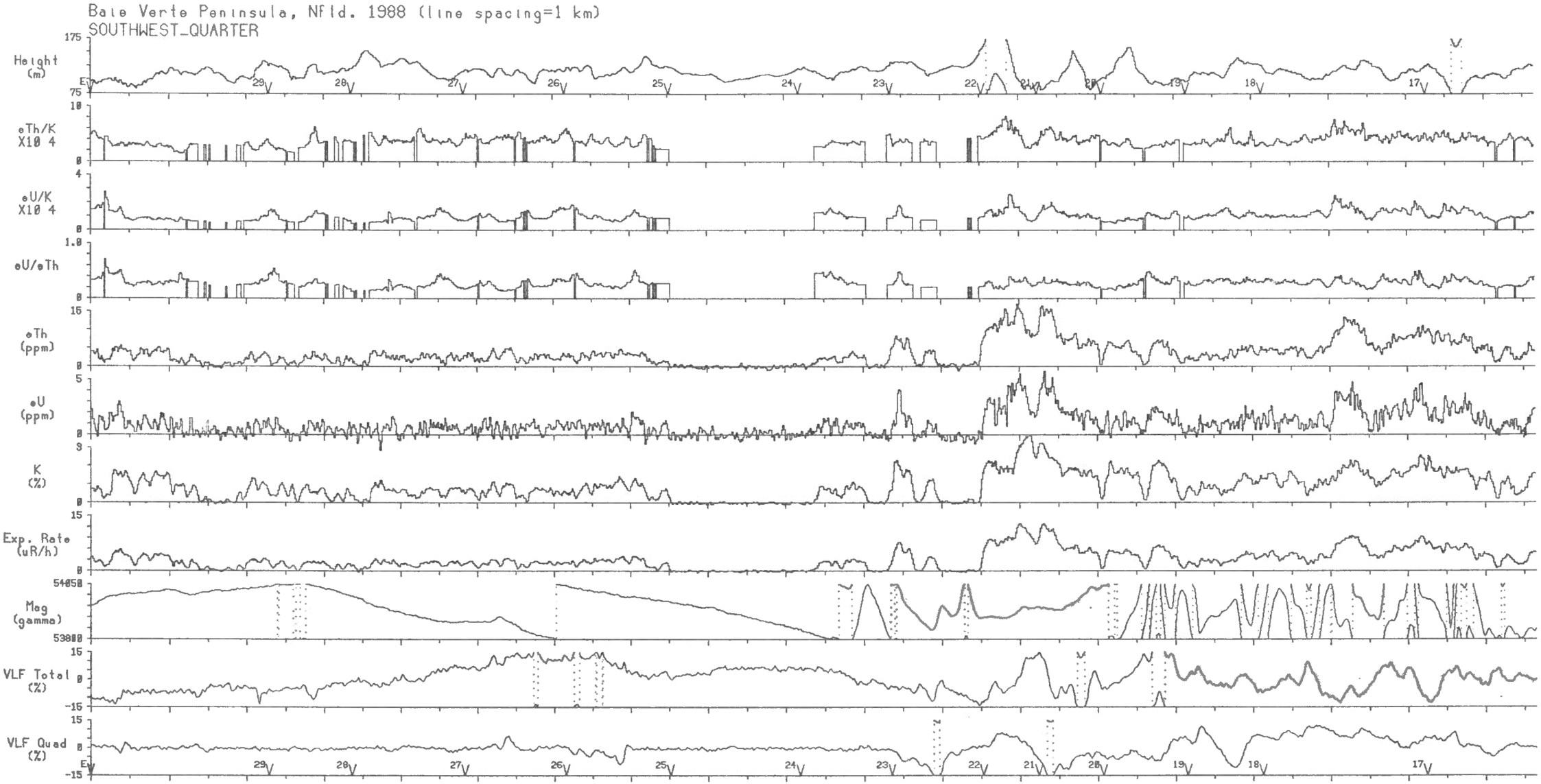

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53750
53500
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
Line 95
2 km
Scale 1:250000

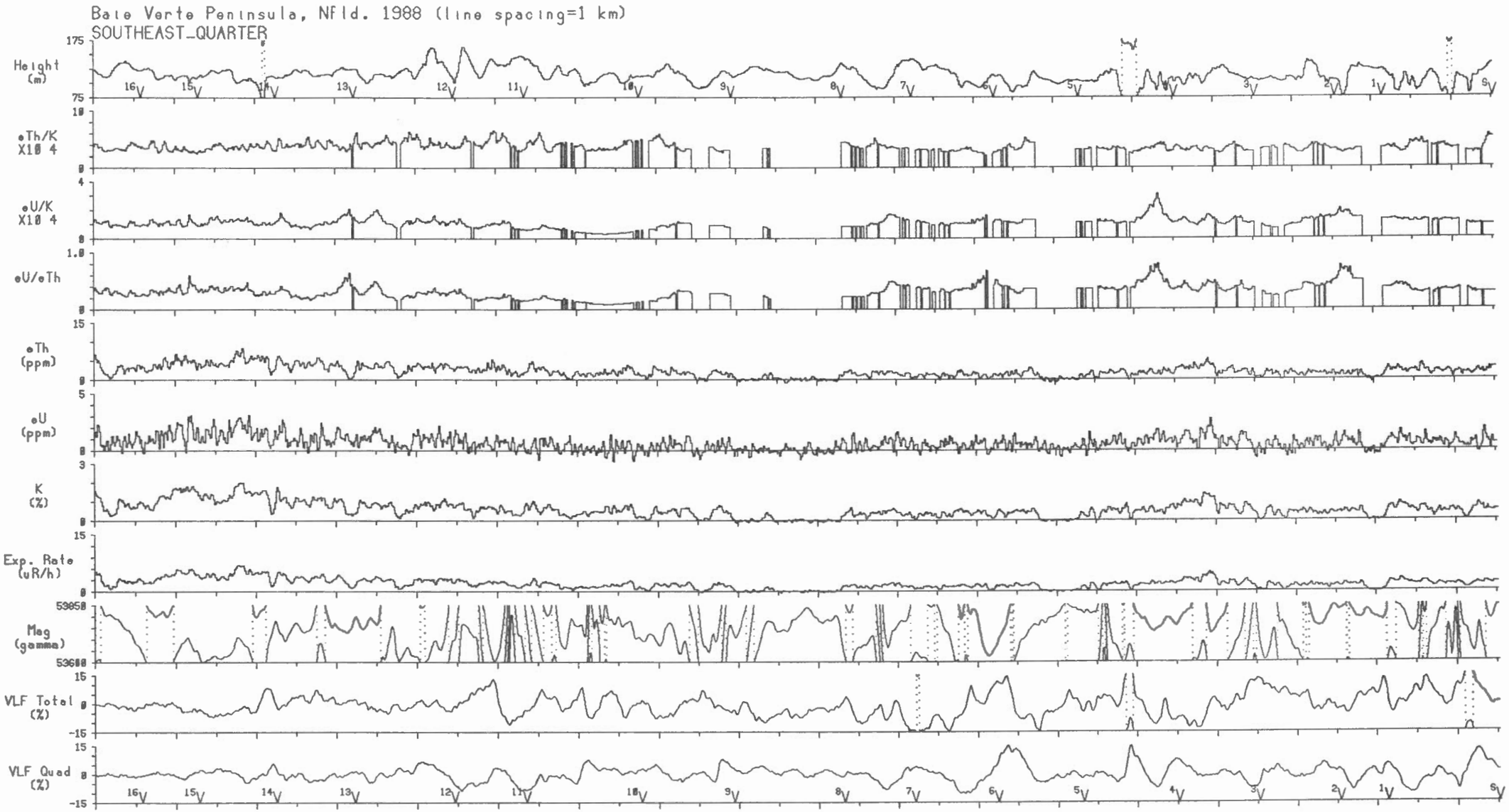

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54050
53000
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Line 96
2 km
Scale 1:250000

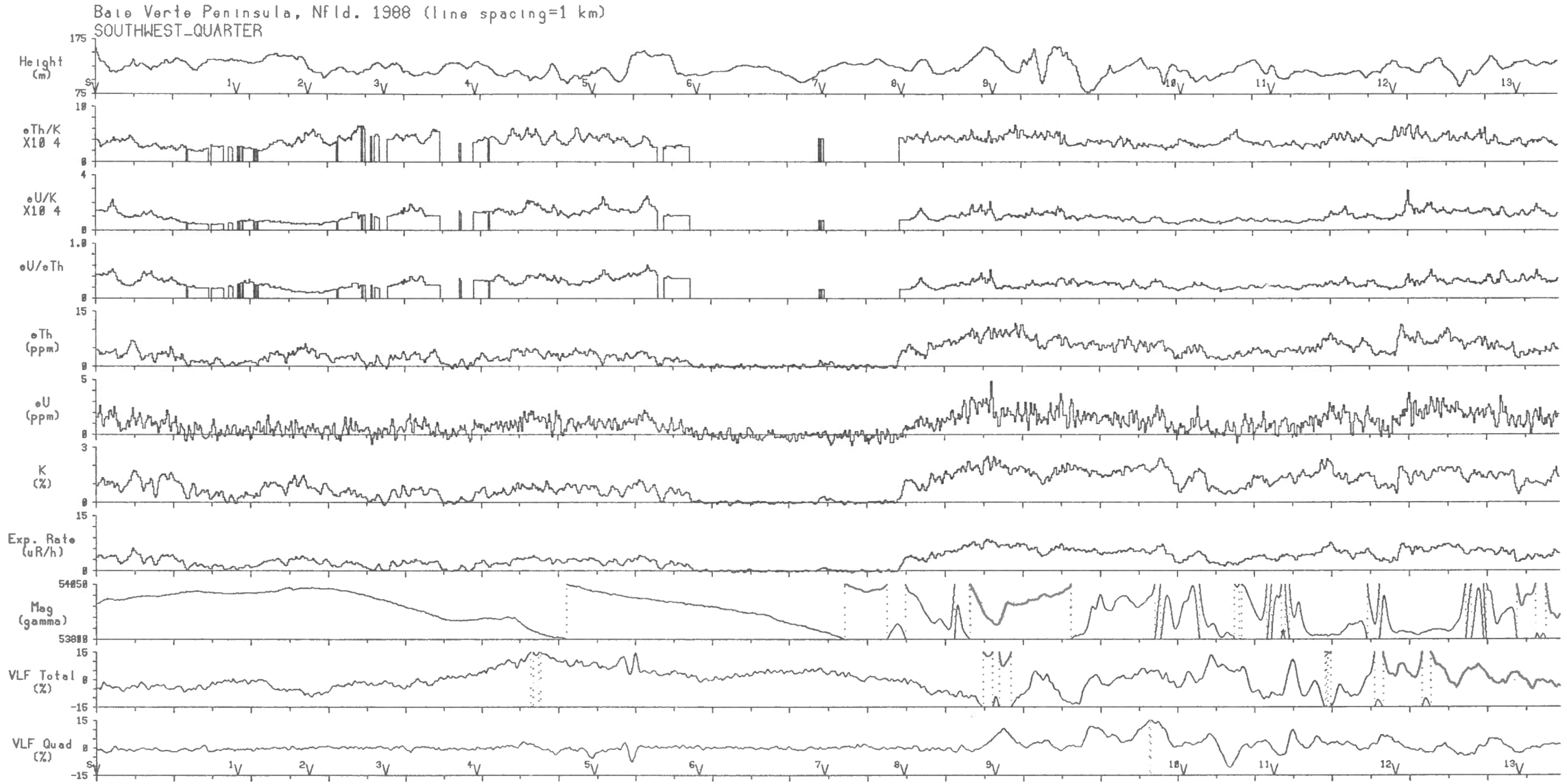

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53858
53688
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
E
Line 96
2 km
Scale 1:250000


Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54050
53000
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
26
25
24
23
22
21
20
19
18
17
16
15
Line 97
2 km
Scale 1:250000

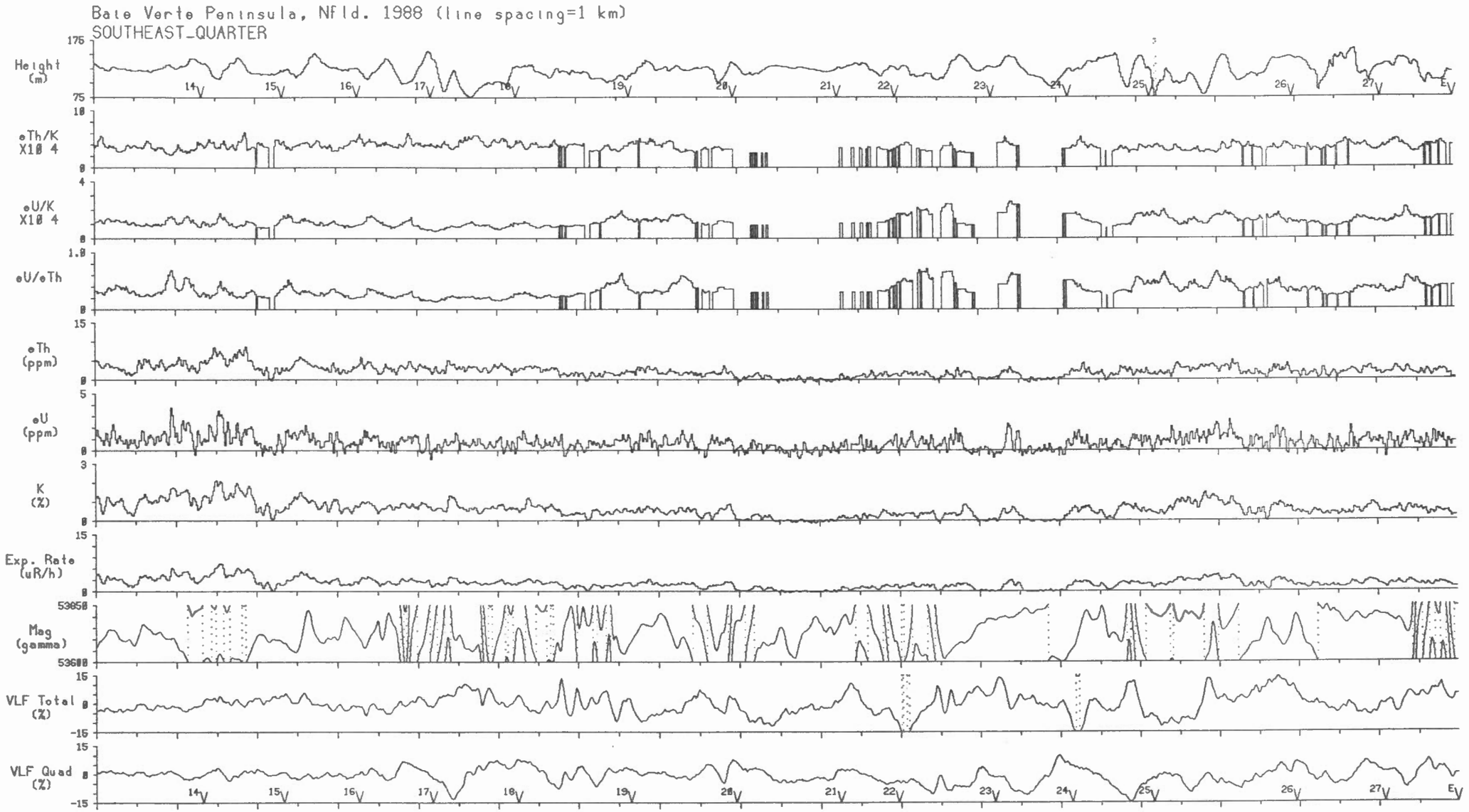

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
59850
53600
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
14V 13V 12V 11V 10V 9V 8V 7V 6V 5V 4V 3V 2V 1V 0V
Line 97
2 km
Scale 1:250000

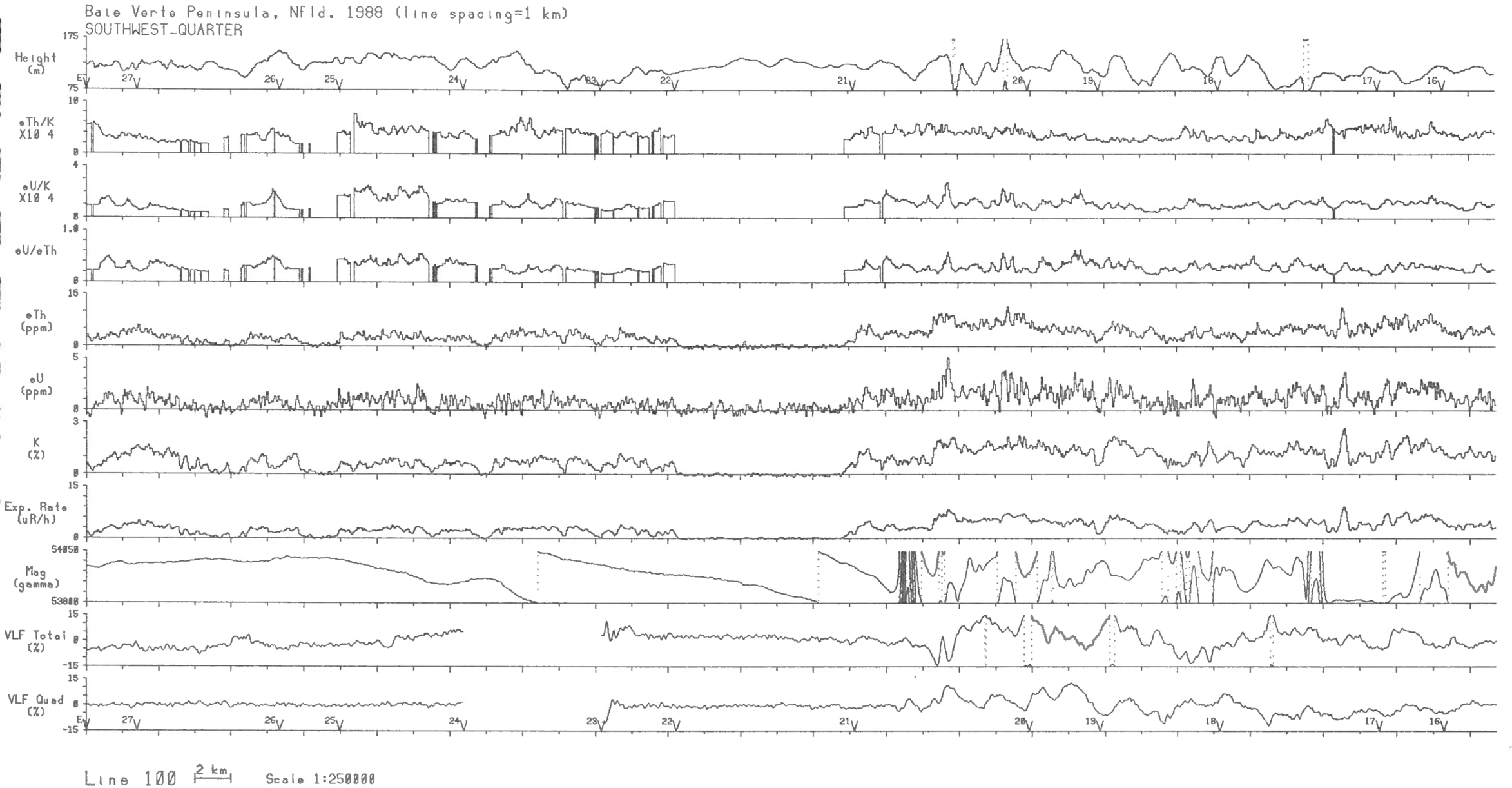

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54000
53000
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
29
28
27
26
25
24
23
22
21
20
19
18
17
Line 98
2 km
Scale 1:250000

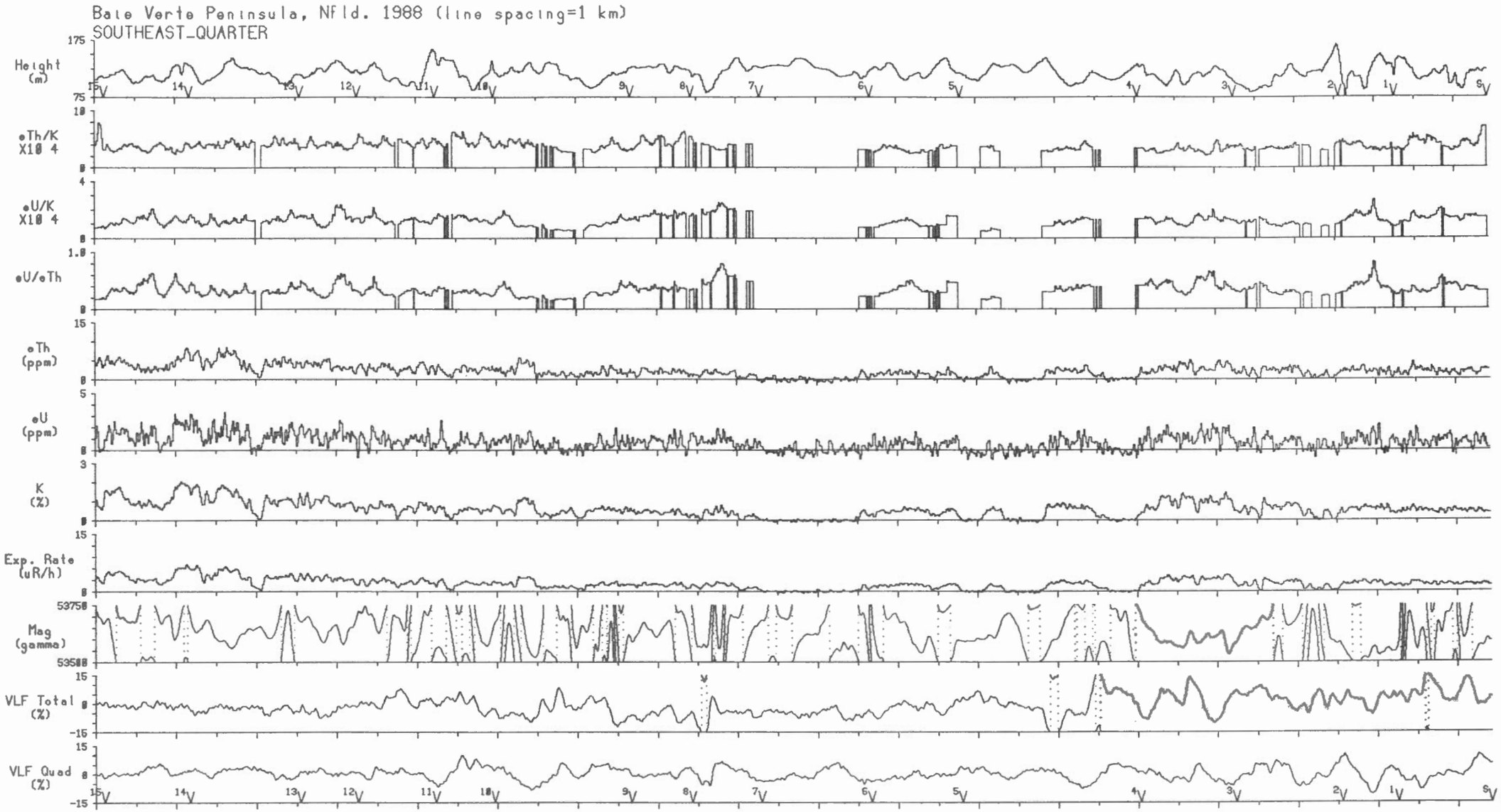

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
1.0
eTh (ppm)
15
eU (ppm)
5
K (%)
3
Exp. Rate (uR/h)
Mag (gamma)
53858
53688
VLF Total (%)
-15
VLF Quad (%)
16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0
Line 98
2 km
Scale 1:250000

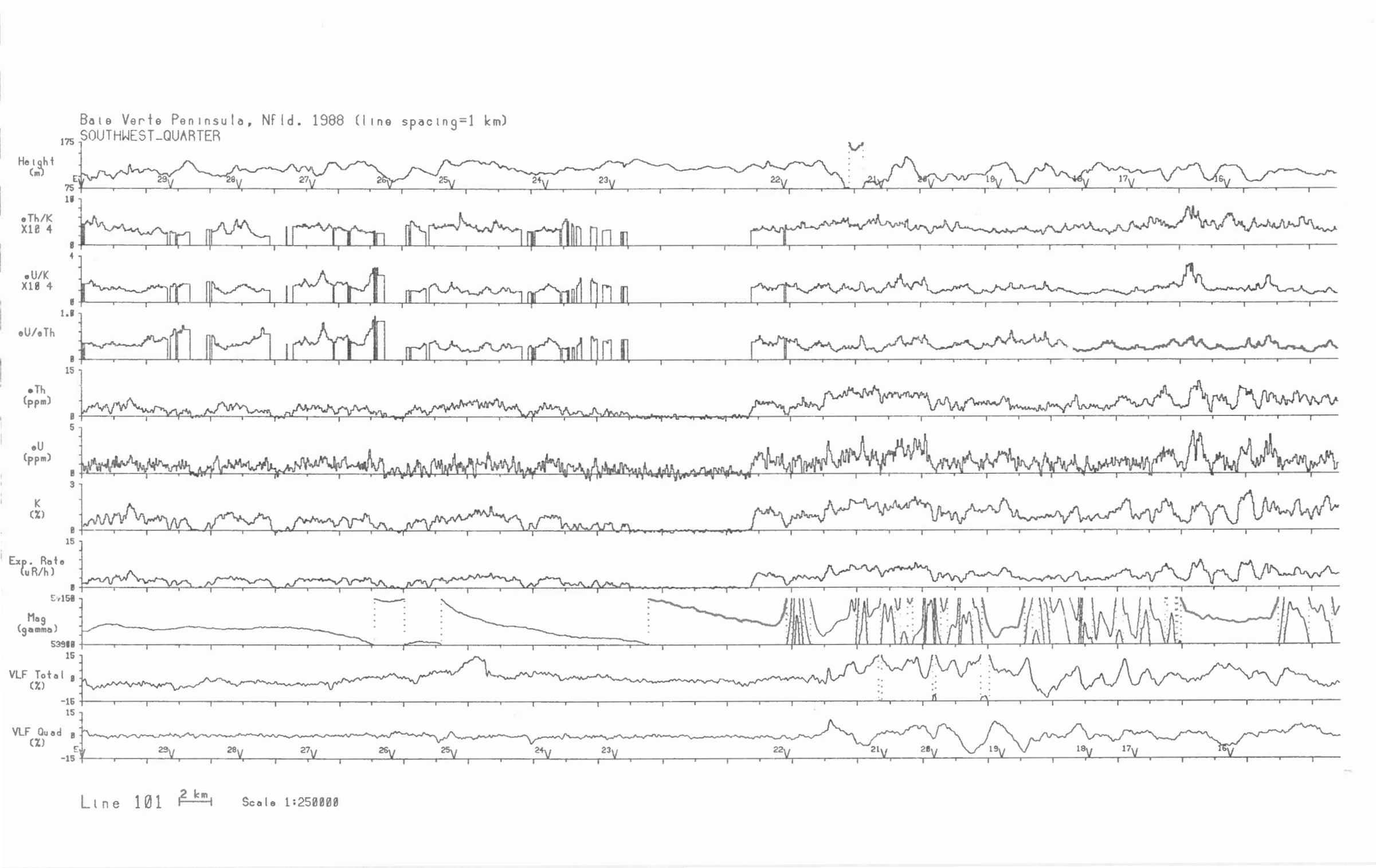


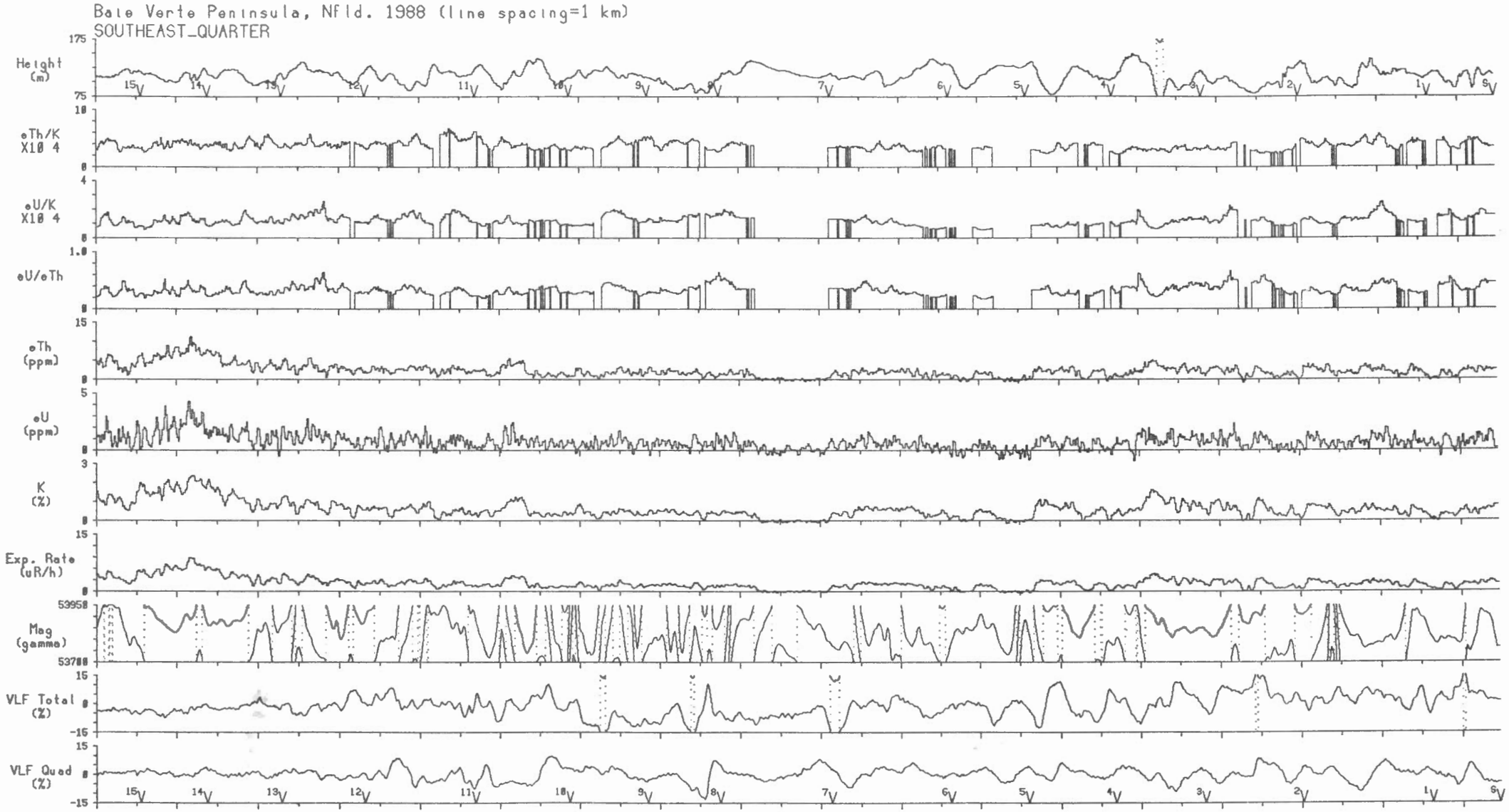
Line 99 2 km Scale 1:250000

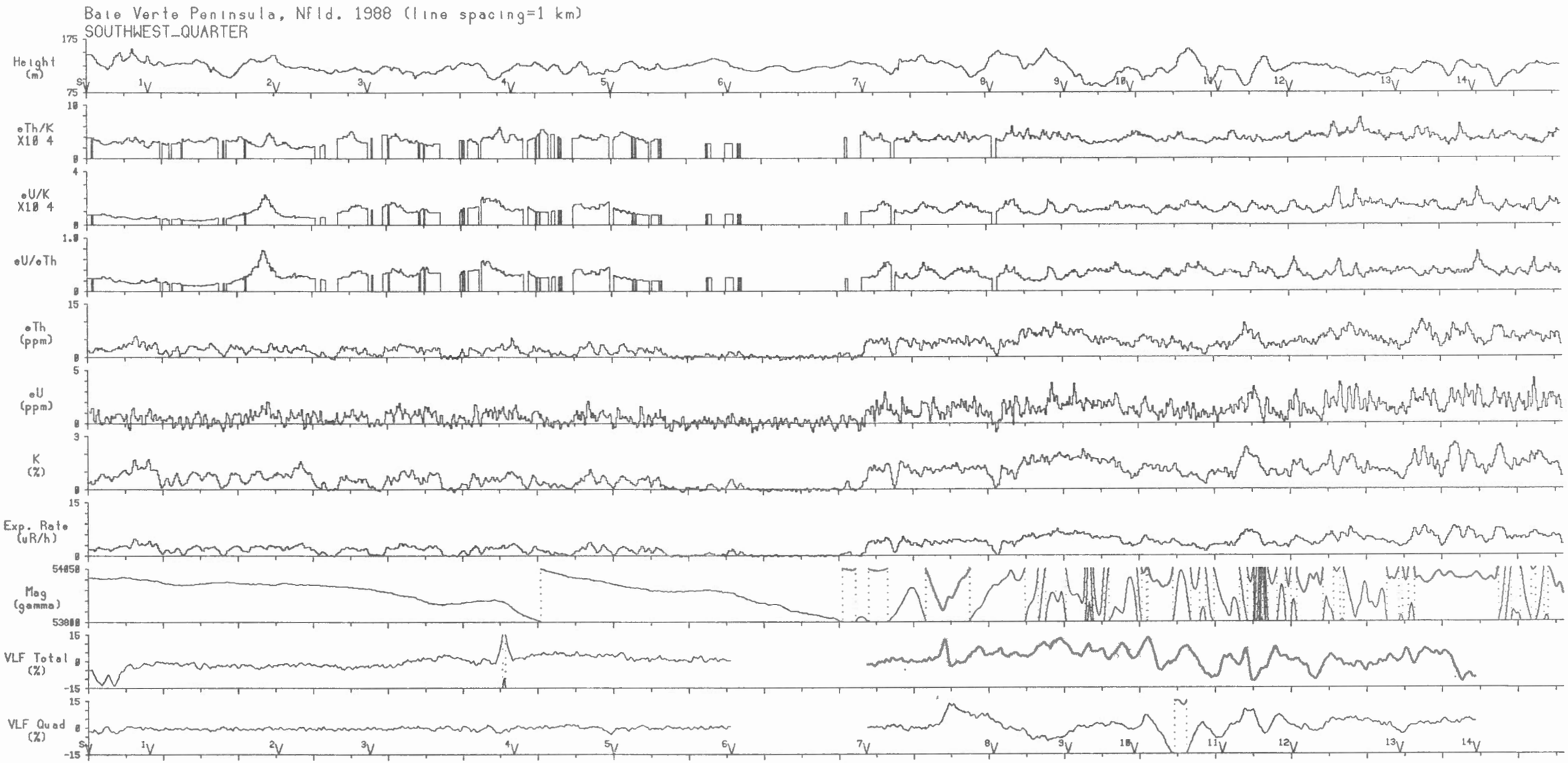

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53650
53600
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
14V
15V
16V
17V
18V
19V
20V
21V
22V
23V
24V
25V
26V
27V
EV
Line 99
2 km
Scale 1:250000

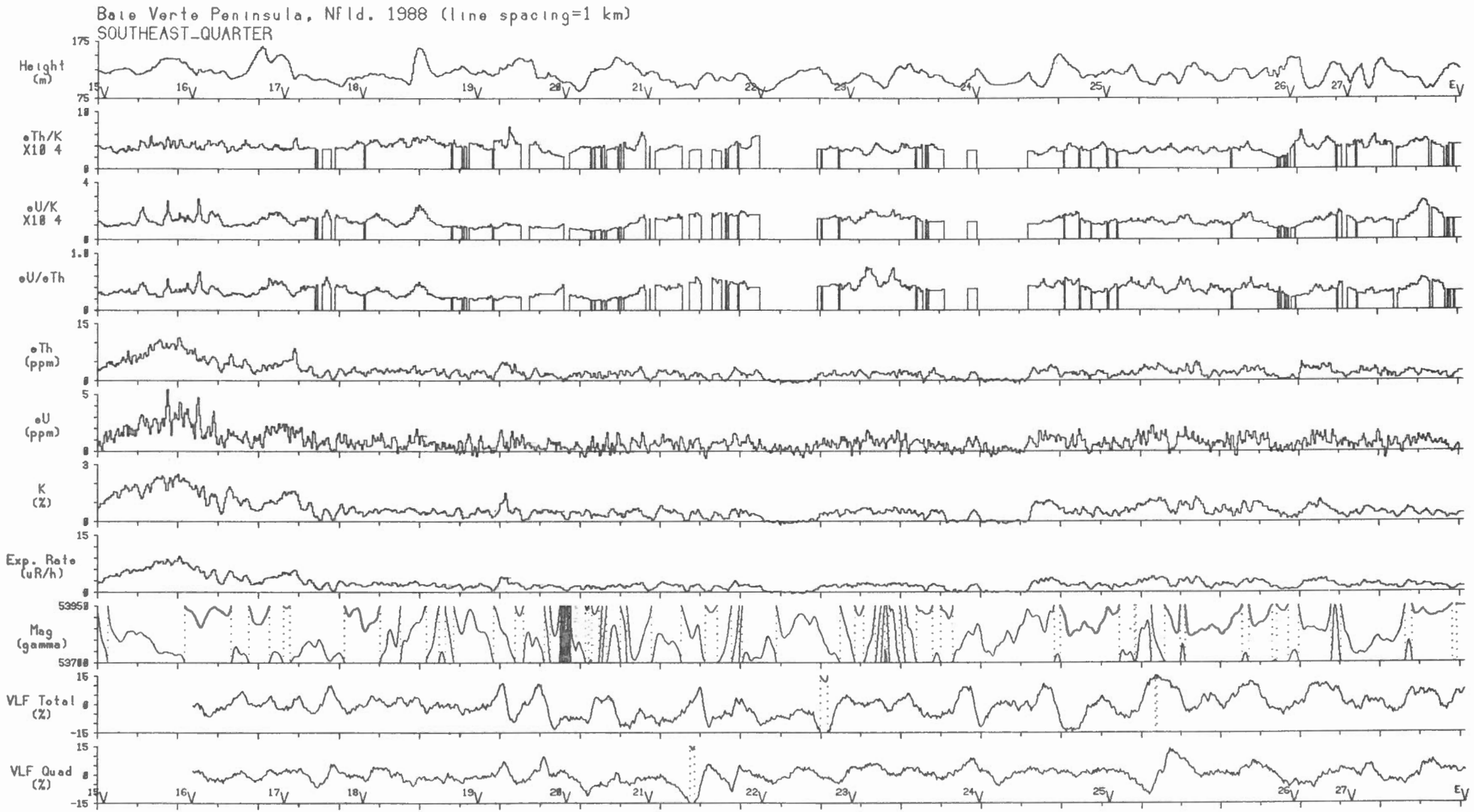

Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54000
53000
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
E
27
26
25
24
23
22
21
20
19
18
17
16
Line 100
2 km
Scale 1:250000

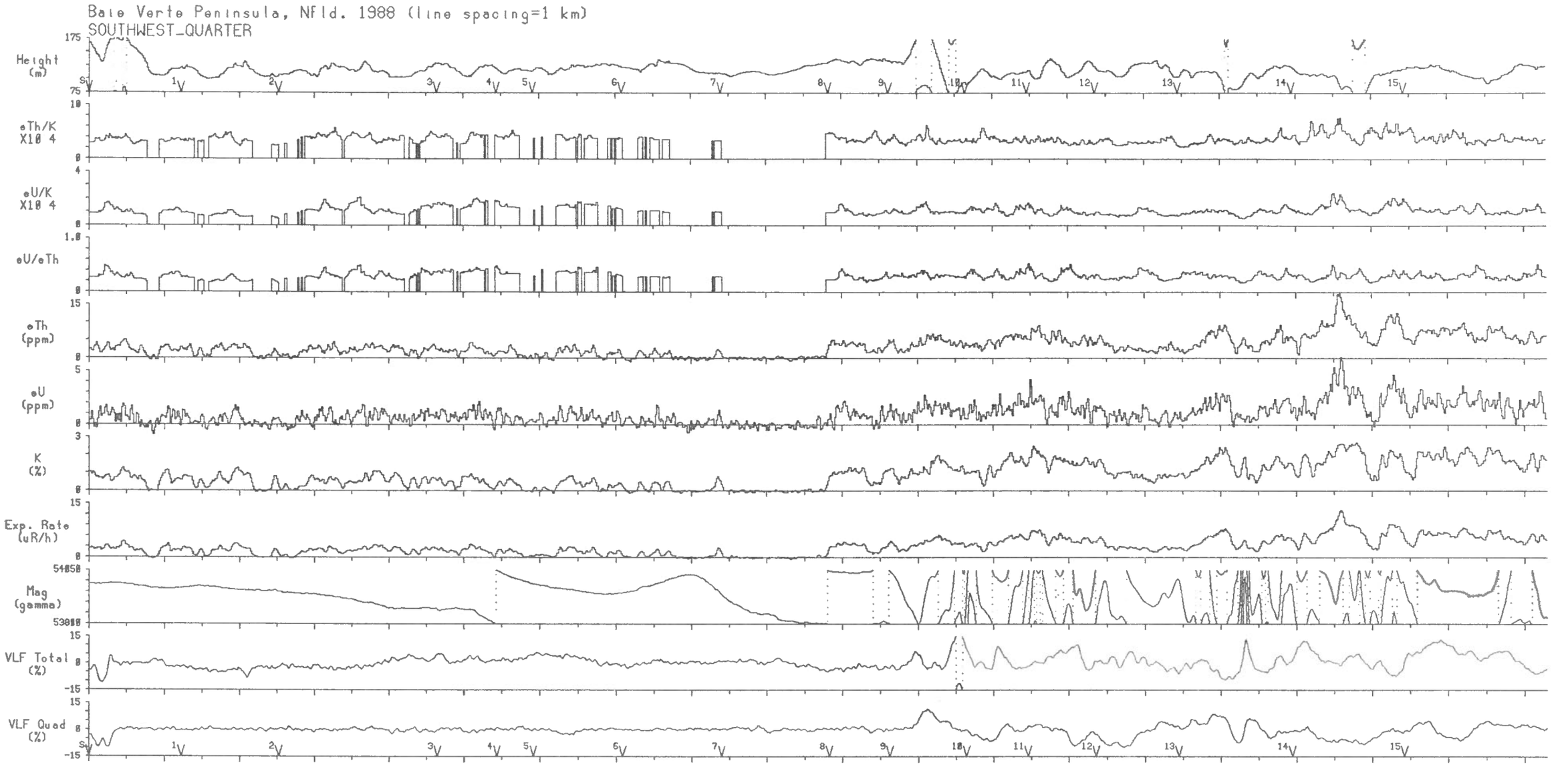

Bale Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
eU/K X10 4
eU/eTh
1.0
eTh (ppm)
15
eU (ppm)
5
K (%)
3
Exp. Rate (uR/h)
Mag (gamma)
53750
53500
VLF Total (%)
-15
VLF Quad (%)
15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 S
Line 100
2 km
Scale 1:250000


Bale Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53988
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
29
28
27
26
25
24
23
22
21
20
19
18
17
16
Line 101
2 km
Scale 1:250000

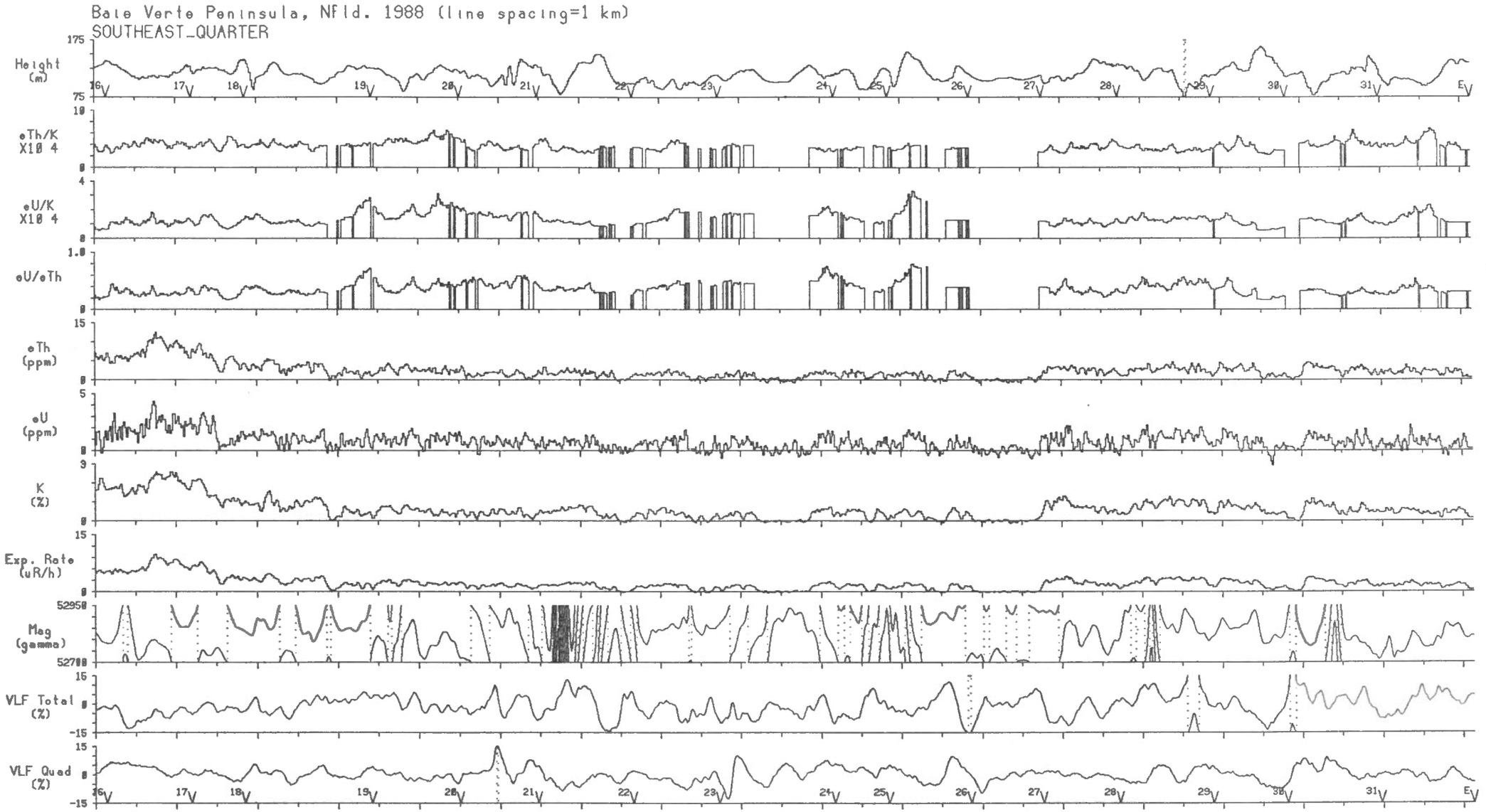

Bale Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53958
53788
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
15V 14V 13V 12V 11V 10V 9V 8V 7V 6V 5V 4V 3V 2V 1V 0V
Line 101
2 km
Scale 1:250000


Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHWEST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
54050
53000
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
S
1
2
3
4
5
6
7
8
9
10
11
12
13
14
Line 102
2 km
Scale 1:250000


Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
53958
53788
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
15
16
17
18
19
20
21
22
23
24
25
26
27
E
Line 102
2 km
Scale 1:250000



Line 103 2 km Scale 1:250000


Baie Verte Peninsula, Nfld. 1988 (line spacing=1 km)
SOUTHEAST_QUARTER
Height (m)
175
75
eTh/K X10 4
10
0
eU/K X10 4
4
0
eU/eTh
1.0
0
eTh (ppm)
15
0
eU (ppm)
5
0
K (%)
3
0
Exp. Rate (uR/h)
15
0
Mag (gamma)
52950
52700
VLF Total (%)
15
0
-15
VLF Quad (%)
15
0
-15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
E
Line 103
2 km
Scale 1:250000

AIRBORNE GEOPHYSICAL SURVEY
1988

BAIE VERTE PENINSULA
NEWFOUNDLAND

Parts of 2E, 12H

GAMMA RAY SPECTROMETER, MAGNETOMETER, AND CALCULATED VERTICAL MAGNETIC GRADIENT COLOUR MAPS

Scale 1:250,000

Energy, Mines and Resources Canada
Énergie, Mines et Ressources Canada

Canada

OPEN FILE
DOSSIER PUBLIC
1993
GEOLOGICAL SURVEY OF CANADA
COMMISSION GEOLOGIQUE DU CANADA
OTTAWA

1989

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AIRBORNE GEOPHYSICAL SURVEY
BAIE VERTE PENINSULA, NEWFOUNDLAND

In 1988 a multiparameter geophysical survey was flown by the Geological Survey of Canada in the Baie Verte Peninsula area of Newfoundland. The area surveyed is shown on the index map. The main purpose of the survey was to acquire quantitative gamma ray spectrometric information. Total field magnetic data were also recorded.

Data are presented as a set of ten 1:250 000 colour maps (exposure rate, potassium, equivalent uranium and equivalent thorium concentrations, the eU/eTh, eU/K and eTh/K ratios, the ternary radioelement map (J. Broome, J.M. Carson, J.A. Grant and K.L. Ford, 1987 A Modified Ternary Radioelement Mapping Technique and its Application to the South Coast of Newfoundland, GSC Paper 87-14)), the total magnetic field and the calculated vertical magnetic gradient maps.

All data were sampled at 1 second intervals. The airborne radiometric measurements were made using a 256 channel spectrometer, with twelve 102x102x406 mm NaI (Tl) detectors, flown at a mean terrain clearance of 125 m at 190 km/h. East-west flight lines were at 500 metre line spacing. The airborne magnetometer measurements were made using a Geometrics Model G-803 Airborne Proton Magnetometer with a 1 gamma resolution.

Potassium is measured directly from the 1.46 MeV gamma ray photons emitted by ^{40}K, whereas uranium and thorium are measured indirectly from gamma ray photons emitted by daughter products in their decay chains. Uranium is monitored by means of gamma ray photons at approximately 1.76 MeV from ^{214}Bi, and thorium, from 2.62 MeV photons emitted by ^{208}Tl. The energy windows used are as follows:

Potassium	^{40}K	1.36-1.56 MeV
Uranium	^{214}Bi	1.66-1.86 MeV
Thorium	^{208}Tl	2.41-2.81 MeV

Uranium, thorium and potassium counts have been corrected for dead time, ambient temperature changes, background radiation, spectral scattering and deviations of terrain clearance from the planned survey altitude. The data as presented represent an average surface concentration which is influenced by varying amounts of outcrop, overburden, vegetation, soil moisture and surface waters. As a result, the concentrations as shown are usually lower than the concentrations in the bedrock.

Factors for converting the airborne measurements to concentrations were determined by relating the airborne count rates to the known ground concentrations of a test strip in the Ottawa area. The factors used to convert the airborne measurements to ground concentrations are:

1% K	91.0 cps
1 ppm eU	9.1 cps
1 ppm eTh	7.0 cps

The exposure rate, in micro Roentgens per hour has been computed from the measured concentrations of potassium, uranium and thorium (Grasty, R.L., Carson, J.M., Charbonneau, B.W. and Holman, P.B., 1984, Natural Background Radiation in Canada, Geol. Sur. Can., Bull. 360). To compare these data with earlier total count maps expressed in Units of Radioelement concentrations (Ur), the conversion factor is 1μR/h=1.67 Ur.

Information regarding the availability of this Open File release may be obtained from: Geological Survey of Canada, 601 Booth St., Ottawa, Ontario, K1A 0E8. Telephone (613) 995-4342.

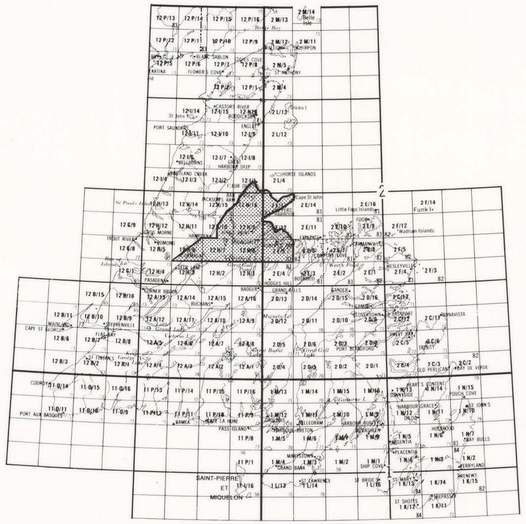
Base map material supplied by Surveys and Mapping Branch

Cartography by Geological Survey of Canada

Airborne gamma ray spectrometer and magnetic survey
flown, compiled and funded by Geological Survey of Canada



INDEX MAP



LEVÉ GÉOPHYSIQUE AÉRIEN DE RÉGION
LE PÉNINSULE BAIE VERTE (TERRE-NEUVE)

La Commission géologique du Canada a effectué en 1988 un levé géophysique aérien multiparamétrique dans la région du Péninsule Baie Verte (Terre-Neuve). La carte-index montre l'étendue du secteur d'étude. Le levé visait avant tout à obtenir des données spectrométriques quantitatives de rayons gamma. Des données sur le champ magnétique total ont aussi été recueillies.

Les données sont présentées sous forme d'ensemble de dix cartes polychromes à 1/250 000, soit le débit d'exposition, le potassium, les concentrations en équivalent uranium et en équivalent thorium, les rapports eU/eTh, eU/K et eTh/K, la carte des radioéléments ternaires (J. Broome, J.M. Carson, J.A. Grant et K.L. Ford, 1987, A Modified Ternary Radioelement Mapping Technique and its Application to the South Coast of Newfoundland, Étude de la CGC 87-14), les cartes du champ magnétique total et le gradient magnétique vertical calculé.

Toutes les données ont été recueillies à une seconde d'intervalle. Les mesures ont été effectuées à l'aide d'un spectromètre à 256 canaux comportant 12 détecteurs au NaI (Tl) mesurant 102 sur 102 sur 406 mm. L'appareil était opéré à une hauteur moyenne de 125 m au-dessus du sol, à une vitesse de 190 km/h. Les lignes de vol est-ouest respectaient un intervalle de 500 mètres entre elles. Les mesures magnétométriques aériennes ont été faites au moyen d'un magnétomètre aéroporté à proton modèle G-803 de marque Geometrics, selon une résolution de 1 gamma.

Le potassium est mesuré directement à partir de photons de rayons gamma de 1,46 MeV émis par le ^{40}K. Par contre, l'uranium et le thorium sont mesurés indirectement à partir des photons de rayons gamma émis par des produits de filiation propres à leurs chaînes de désintégration respectives: le compte d'uranium est déterminé au moyen de photons d'environ 1,76 MeV émis par le ^{214}Bi alors que le compte de thorium est établi à partir de photons de 2,62 MeV provenant du ^{208}Tl. Les fenêtres énergétiques utilisées sont les suivantes:

Potassium	^{40}K	1,36 à 1,56 MeV
Uranium	^{214}Bi	1,66 à 1,86 MeV
Thorium	^{208}Tl	2,41 à 2,81 MeV

Les comptes d'uranium, de thorium et de potassium ont été corrigés pour tenir compte des temps morts, des changements de température ambiante, du rayonnement de fond, de la diffusion spectrale et des écarts entre l'altitude réelle et l'altitude nominale du levé. Les données cartographiées présentent des concentrations moyennes de surface: la proportion d'affleurements, de mort-terrains, de régions couvertes par de la végétation ou par de l'eau et la quantité d'eau dans le sol peuvent tous influer sur les résultats. Par conséquent, les concentrations indiquées sur les cartes sont généralement plus faibles que celles du socle rocheux.

Afin de déterminer les facteurs qui permettent de convertir les mesures aériennes en concentrations, on a comparé les taux de comptage obtenus au cours du levé aux taux mesurés au-dessus d'une bande d'essai de la région d'Ottawa pour laquelle les concentrations au sol étaient connues. Les facteurs de conversion utilisés sont les suivants:

1% de K	91,0 cps
1 ppm eU	9,1 cps
1 ppm eTh	7,0 cps

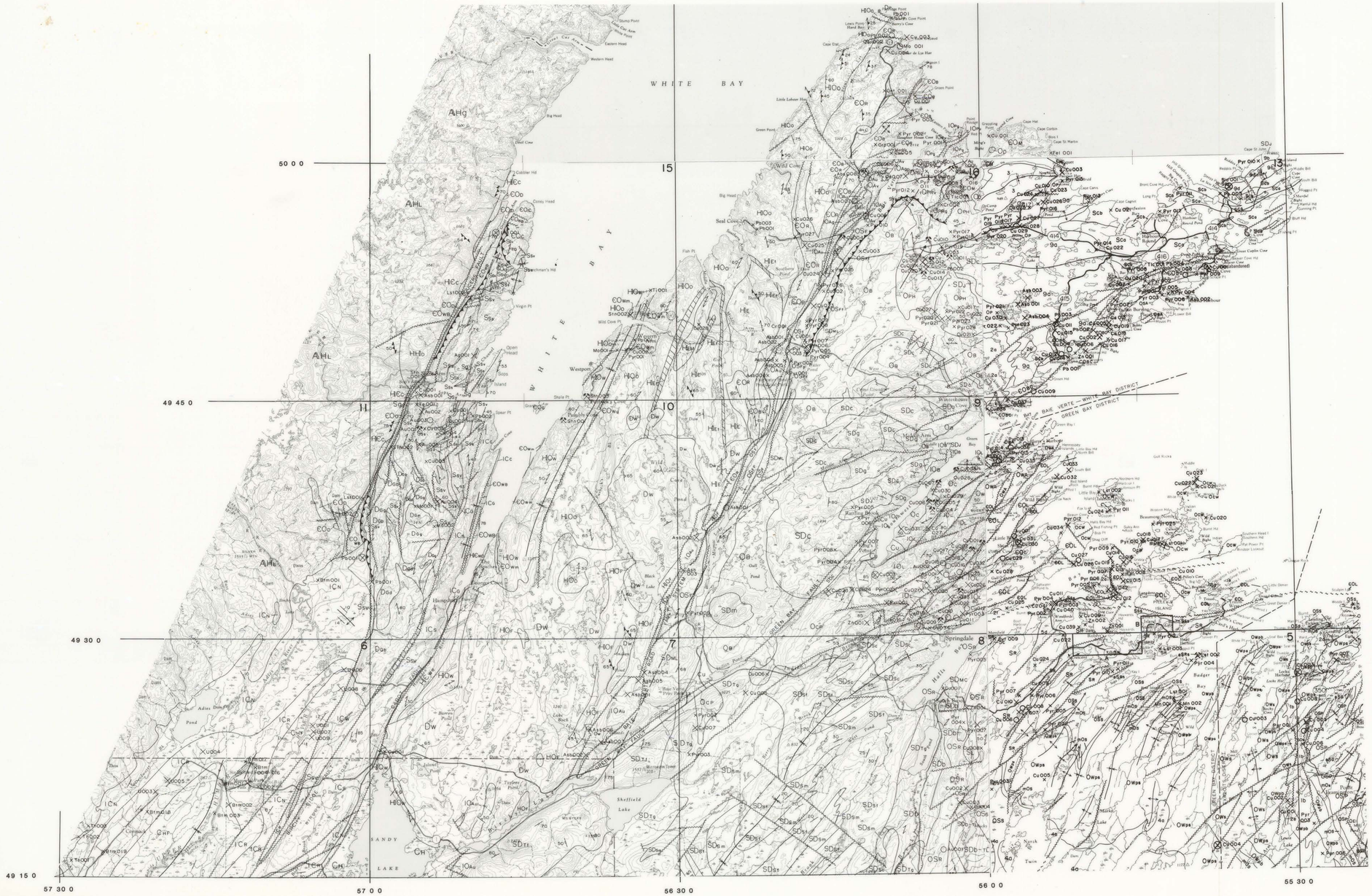
Le taux d'exposition, exprimé en micro-roentgens par heure (μR/h), a été calculé à partir de concentrations connues de potassium, d'uranium et de thorium (Grasty, R.L., Carson, J.M., Charbonneau, B.W. et Holman, P.B. 1984. Natural Background Radiation in Canada, Commission géologique du Canada, Bulletin 360). On peut comparer ces données à celles exprimées auparavant en unités de concentration de radioélément (Ur) en considérant que 1μR/h équivaut à environ 1,67 Ur.

Pour obtenir des renseignment sur la disponibilité de cet dossier public, on peut écrire à l'endroit suivant: La Commission géologique du Canada, 601 rue Booth, Ottawa, Ontario; ou téléphone (613) 995-4342.

Le fond de carte provient de la Direction des levés et de la cartographie.

La cartographie a été exécutée par la Commission géologique du Canada.

Le levé aéroporté magnétique et de spectrométrie par rayons gamma
a été effectué, compilé et défrayé par la
Commission géologique du Canada



OPEN FILE 1993

Airborne Gamma Ray Spectrometer Survey

of the

Baie Verte Peninsula, Nfld,

1988

Parts of NTS 12H, 12-I, 2E, 2L

COMPOSITE GEOLOGY MAP

Derived from MINERAL OCCURENCE MAPS

80-4.....Botwood, Newfoundland

83-60.....Sandy Lake, Newfoundland

85-60.....Port Saunders, Newfoundland

prepared by

Mineral Development Division,

Department of Mines and Energy,

Government of Newfoundland and Labrador

(for details refer to legend on MINERAL

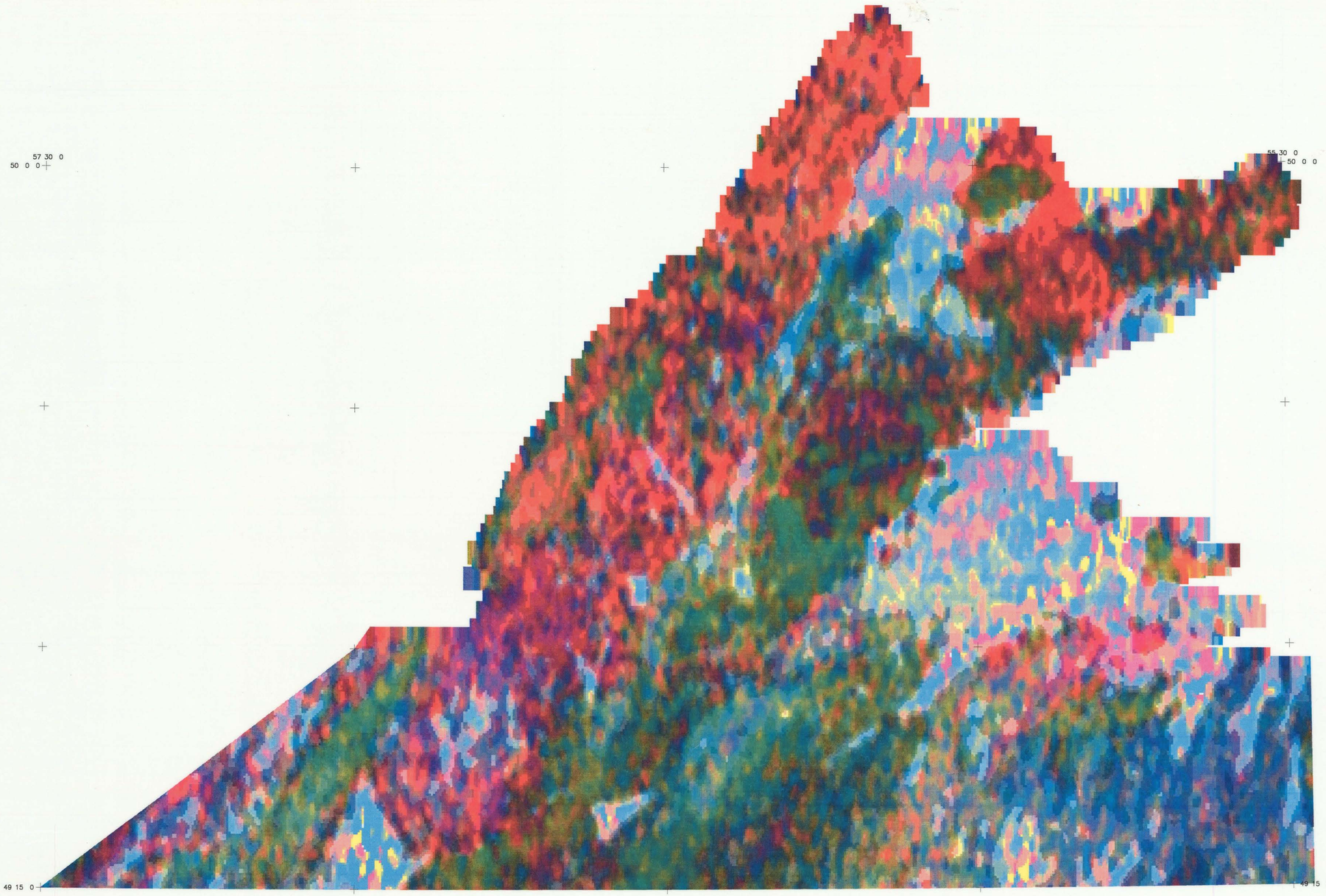
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Airborne Gamma Ray Spectrometer Survey

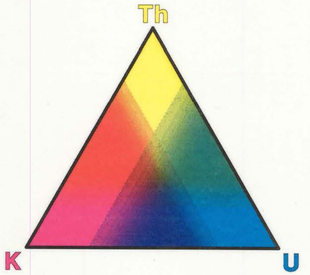
of the

Baie Verte Peninsula, Nfld.

1988

Parts of 12H,2E,12I,2L

TERNARY RADIOELEMENT MAP



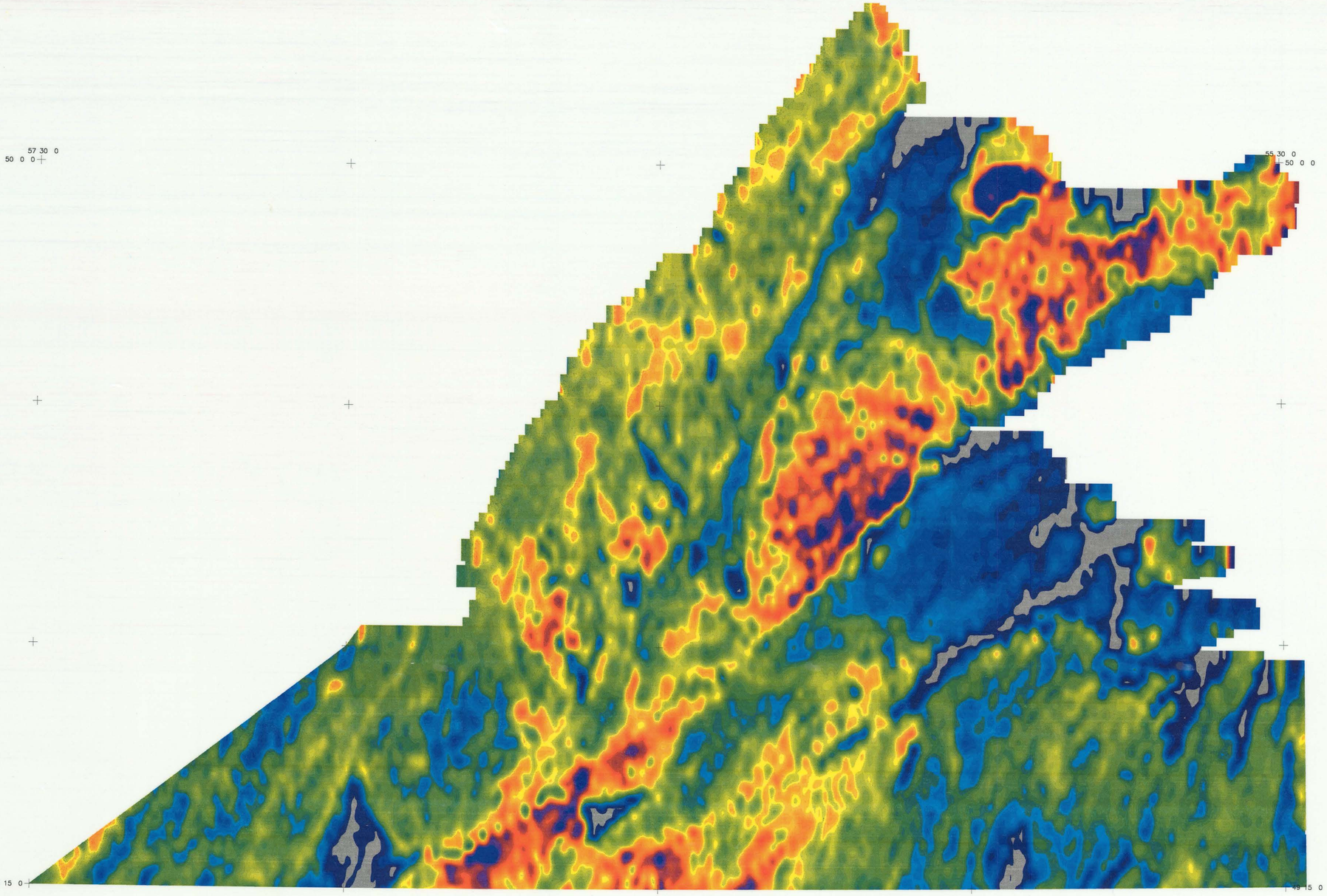
Scale = 1:250 000
Line spacing = 1000 metres

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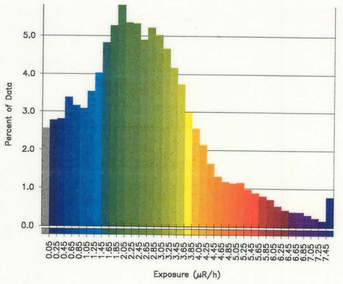
of the

Baie Verte Peninsula, Nfld. 1988

1988

Parts of 12H,2E,12I,2L

EXPOSURE (μR/H)



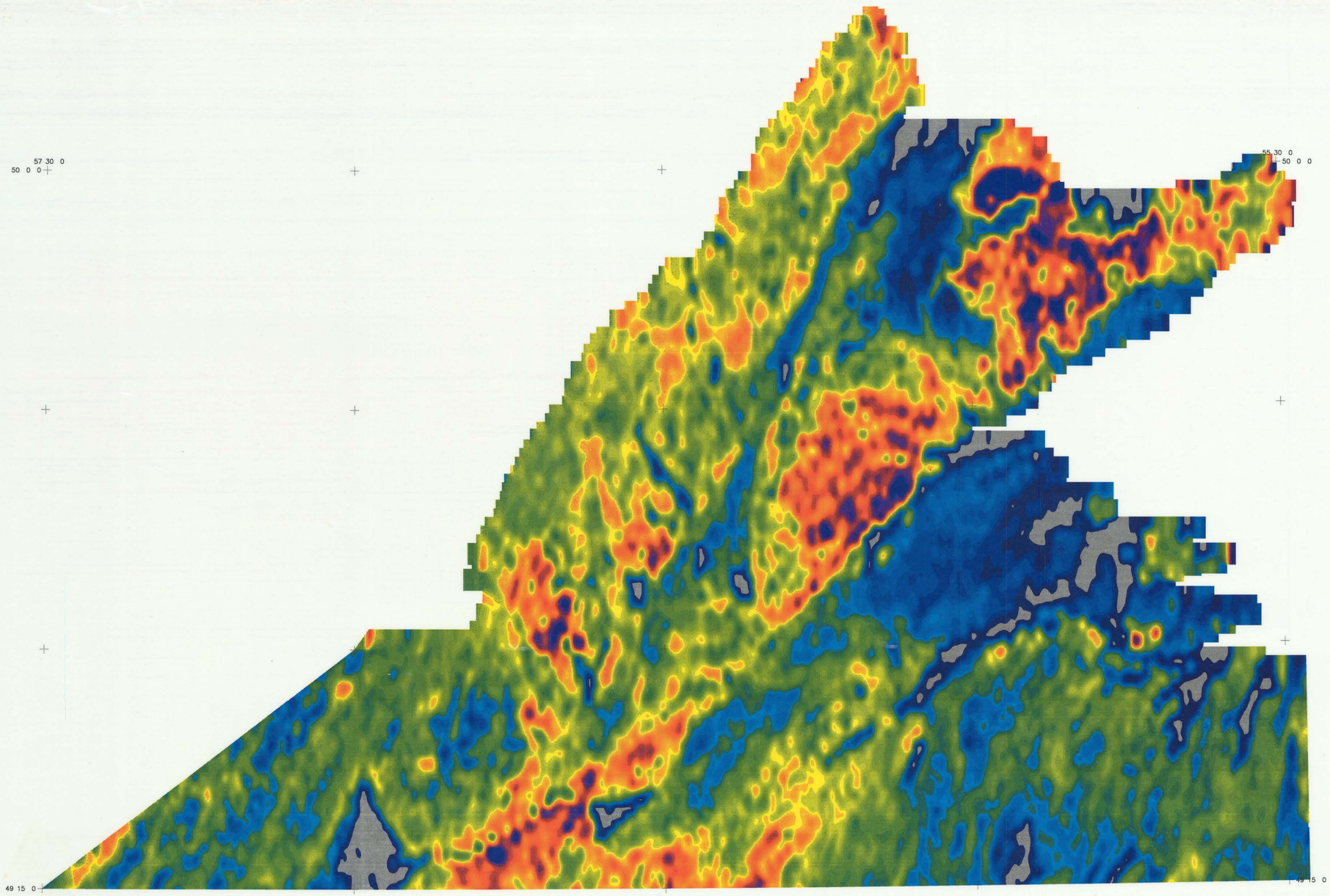
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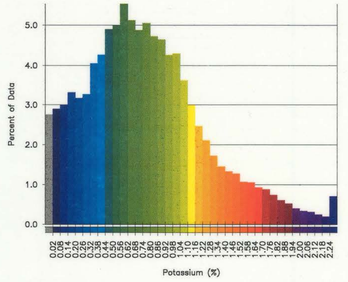
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Baie Verte Peninsula, Nfld. 1988

1988

Parts of 12H,2E,12I,2L

POTASSIUM (%)



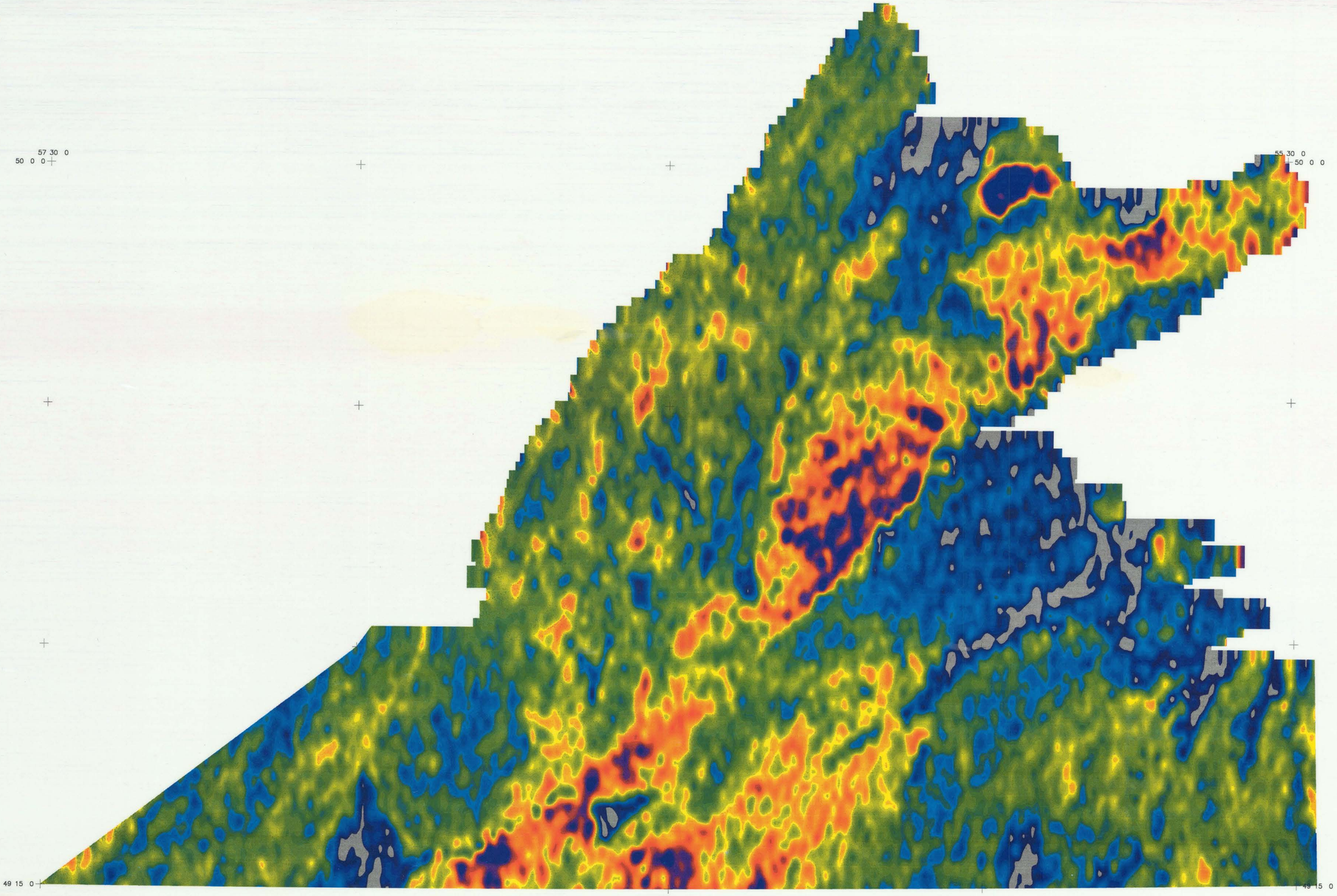
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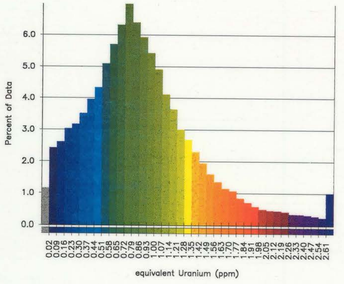
of the

Baie Verte Peninsula, Nfld. 1988

1988

Parts of 12H,2E,12I,2L

EQUIVALENT URANIUM (PPM)



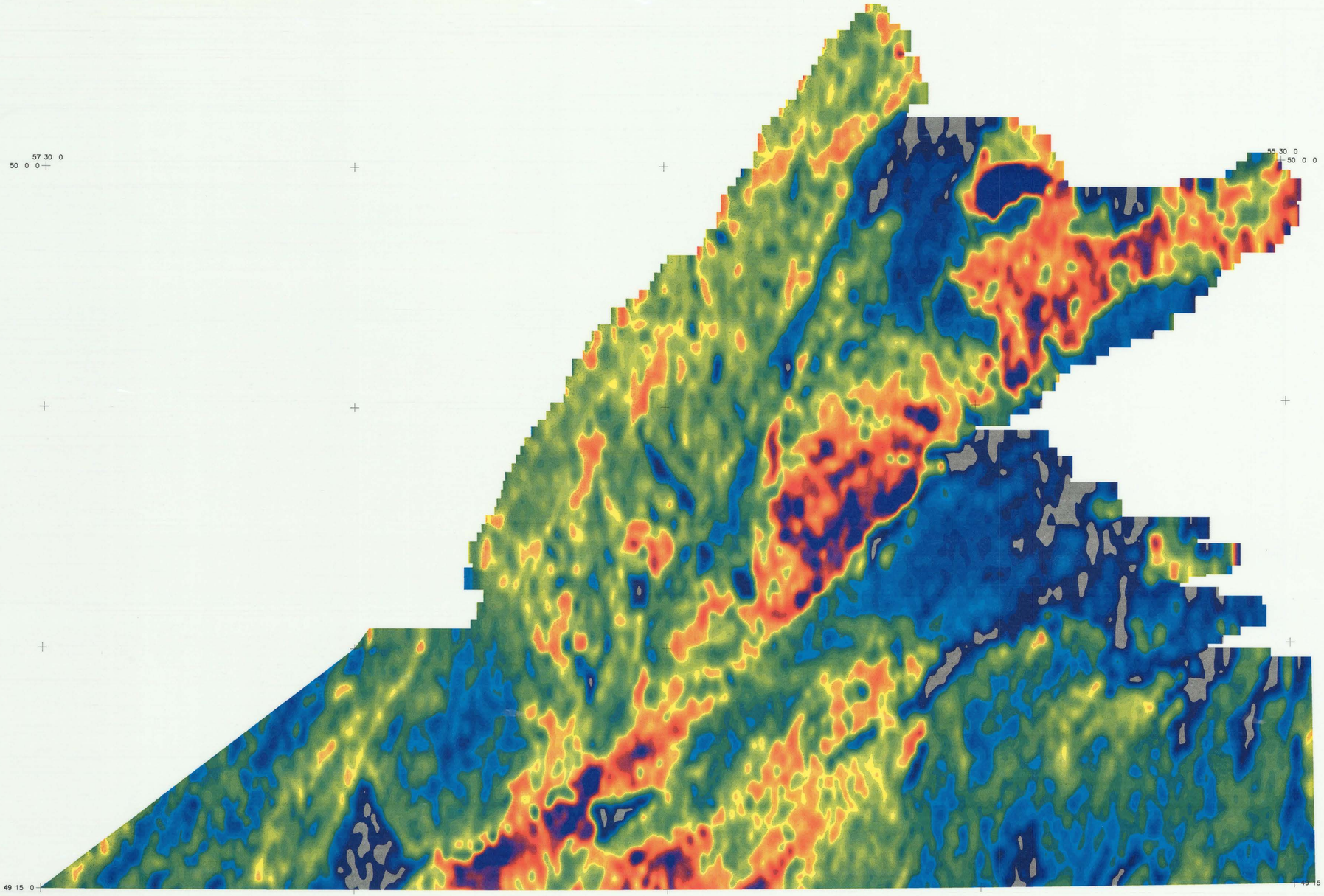
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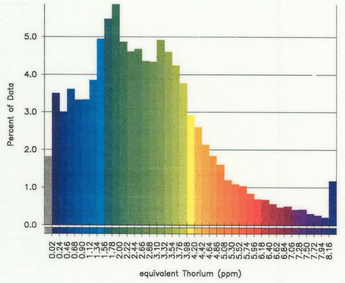
of the

Baie Verte Peninsula, Nfld. 1988

1988

Parts of 12H,2E,12I,2L

EQUIVALENT THORIUM (PPM)



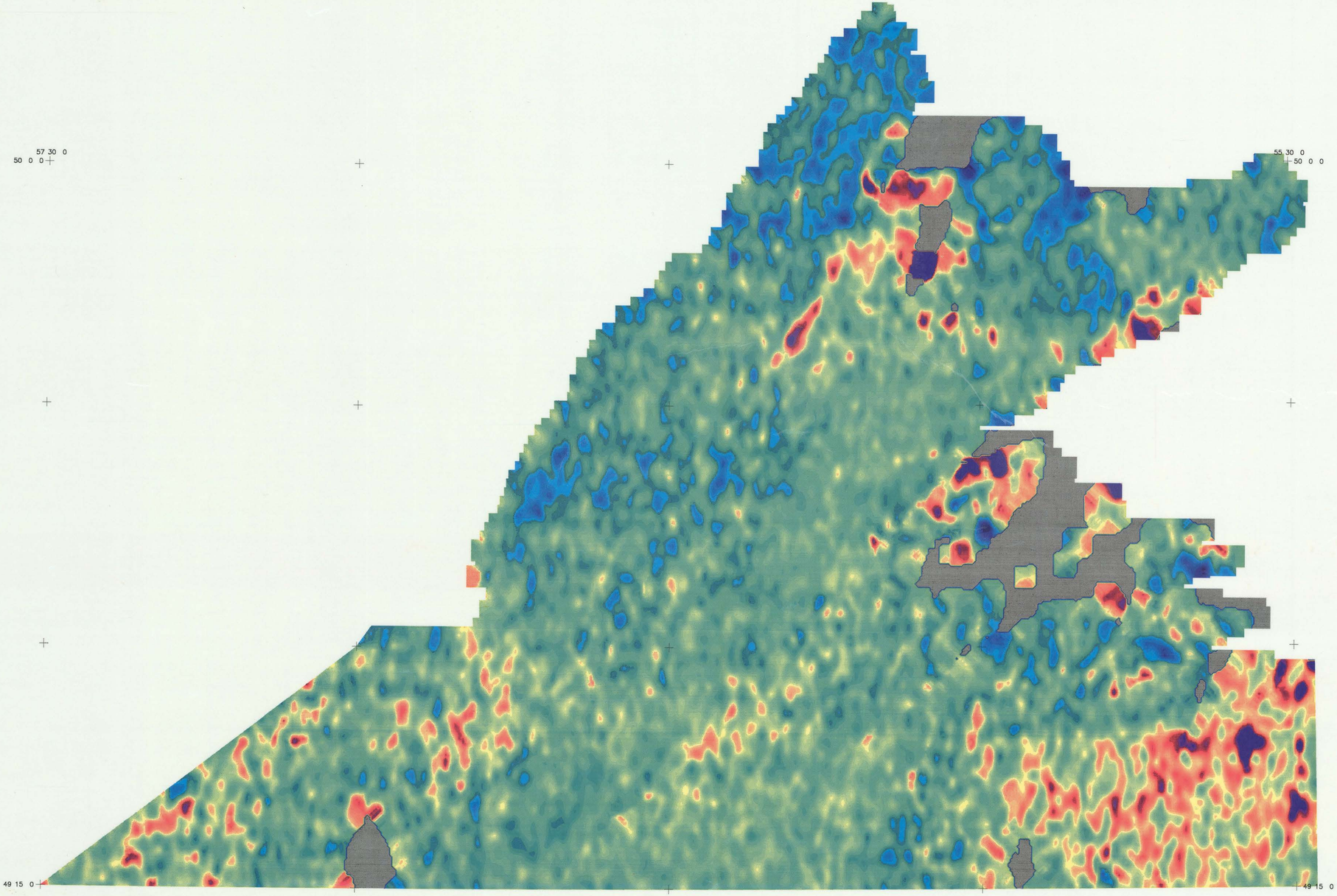
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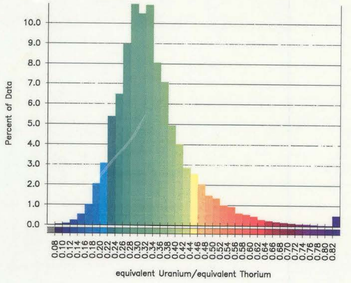
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Parts of 12H,2E,12I,2L

EQUIVALENT URANIUM/EQUIVALENT THORIUM



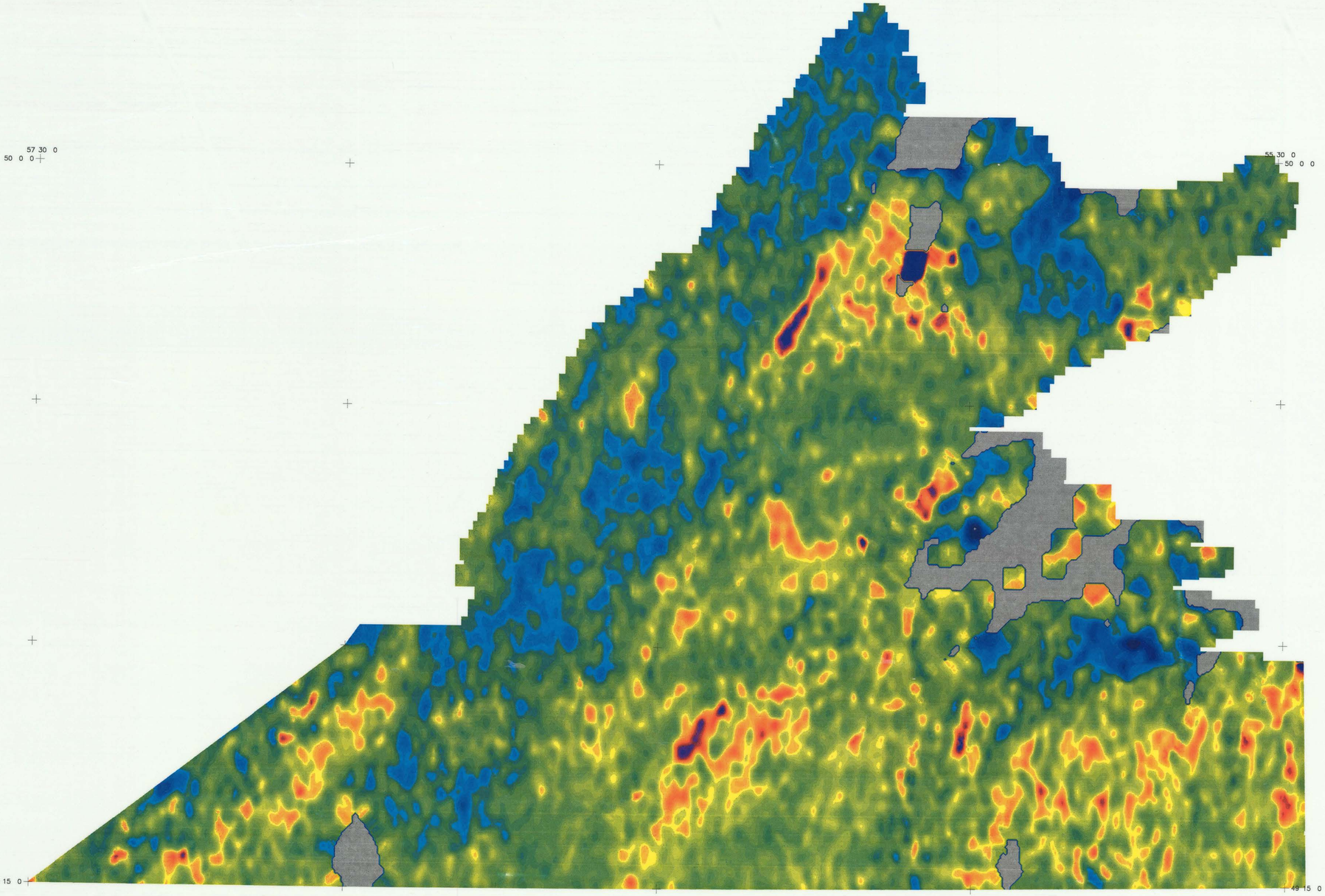
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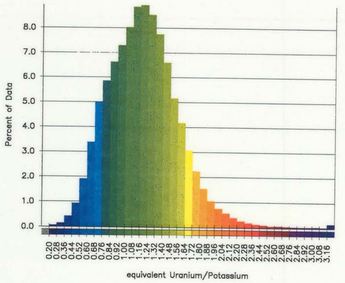
of the

Baie Verte Peninsula, Nfld. 1988

1988

Parts of 12H,2E,12I,2L

EQUIVALENT URANIUM/POTASSIUM



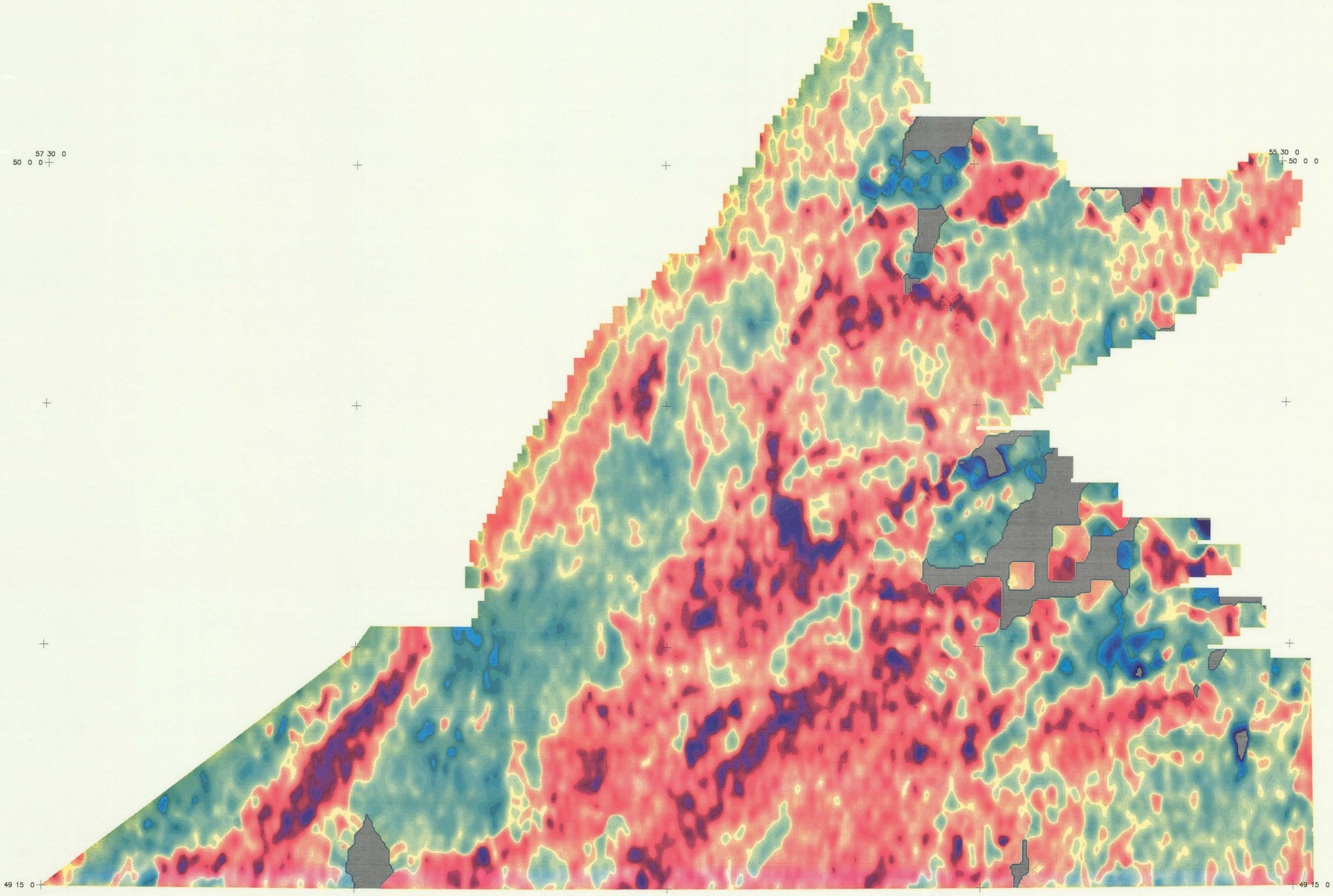
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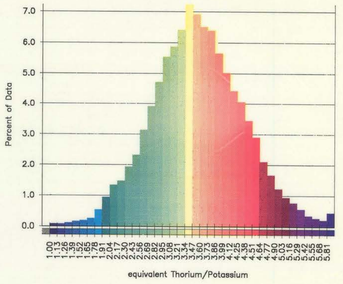
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1988

Parts of 12H,2E,12I,2L

EQUIVALENT THORIUM/POTASSIUM



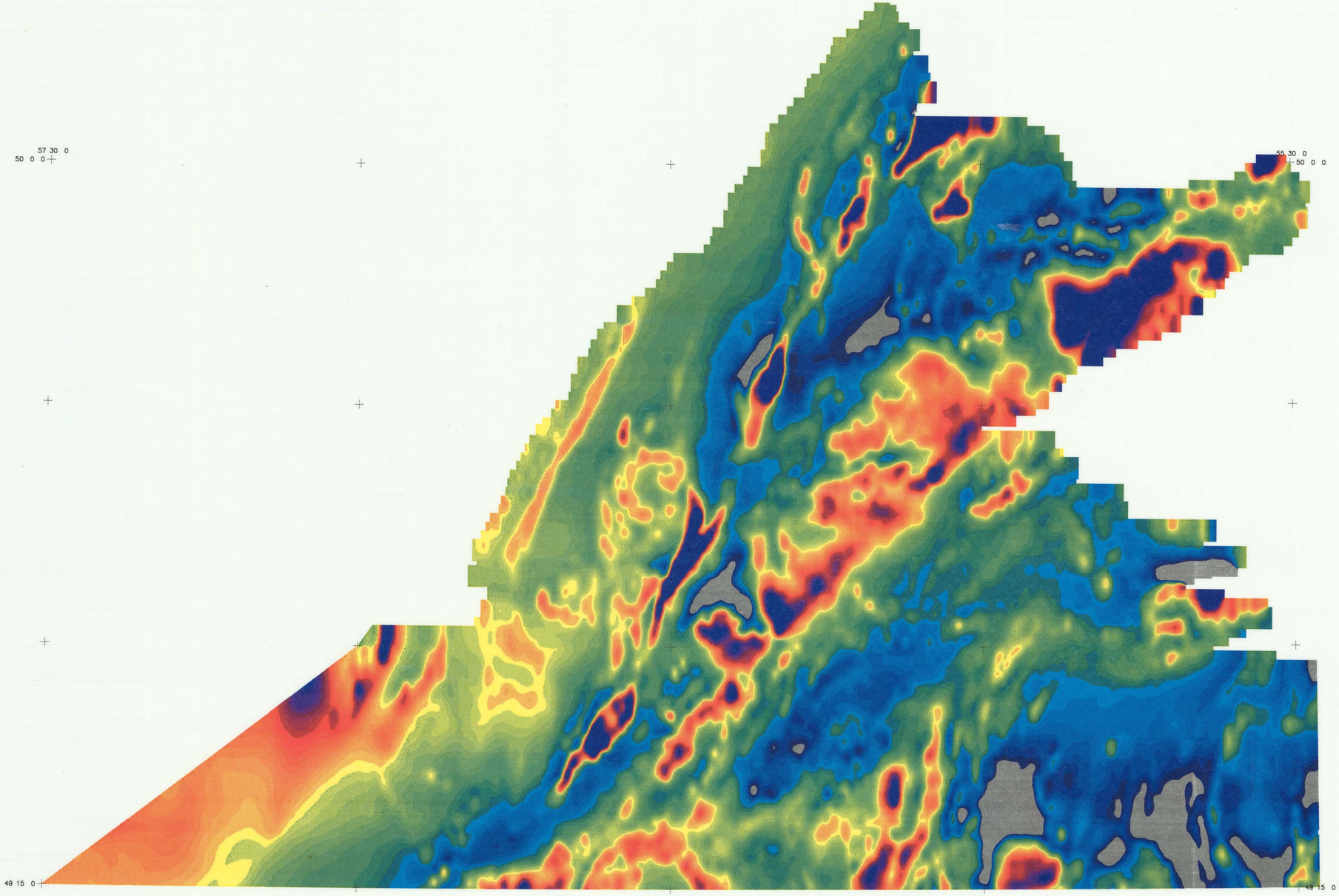
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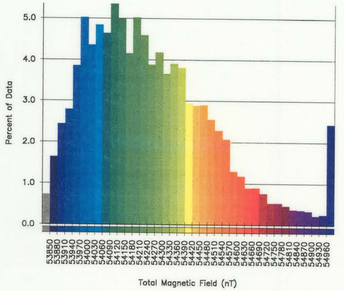
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Parts of 12H,2E,12I,2L

TOTAL MAGNETIC FIELD (NT)



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57 30 0
50 0 0

55 30 0
50 0 0

49 15 0

49 15 0

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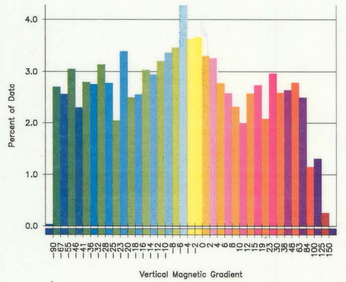
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Parts of 12H,2E,12I,2L

VERTICAL MAGNETIC GRADIENT



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