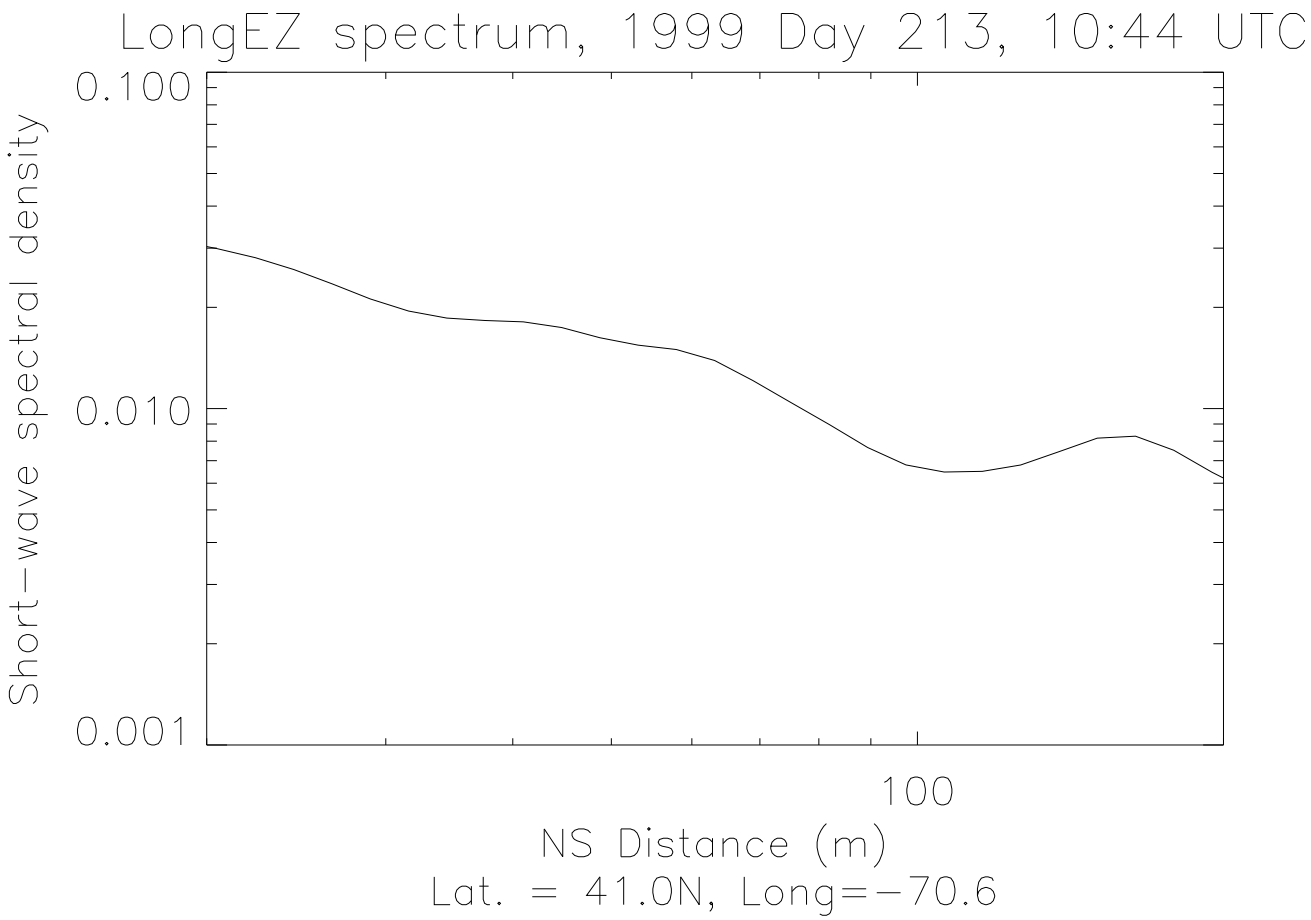
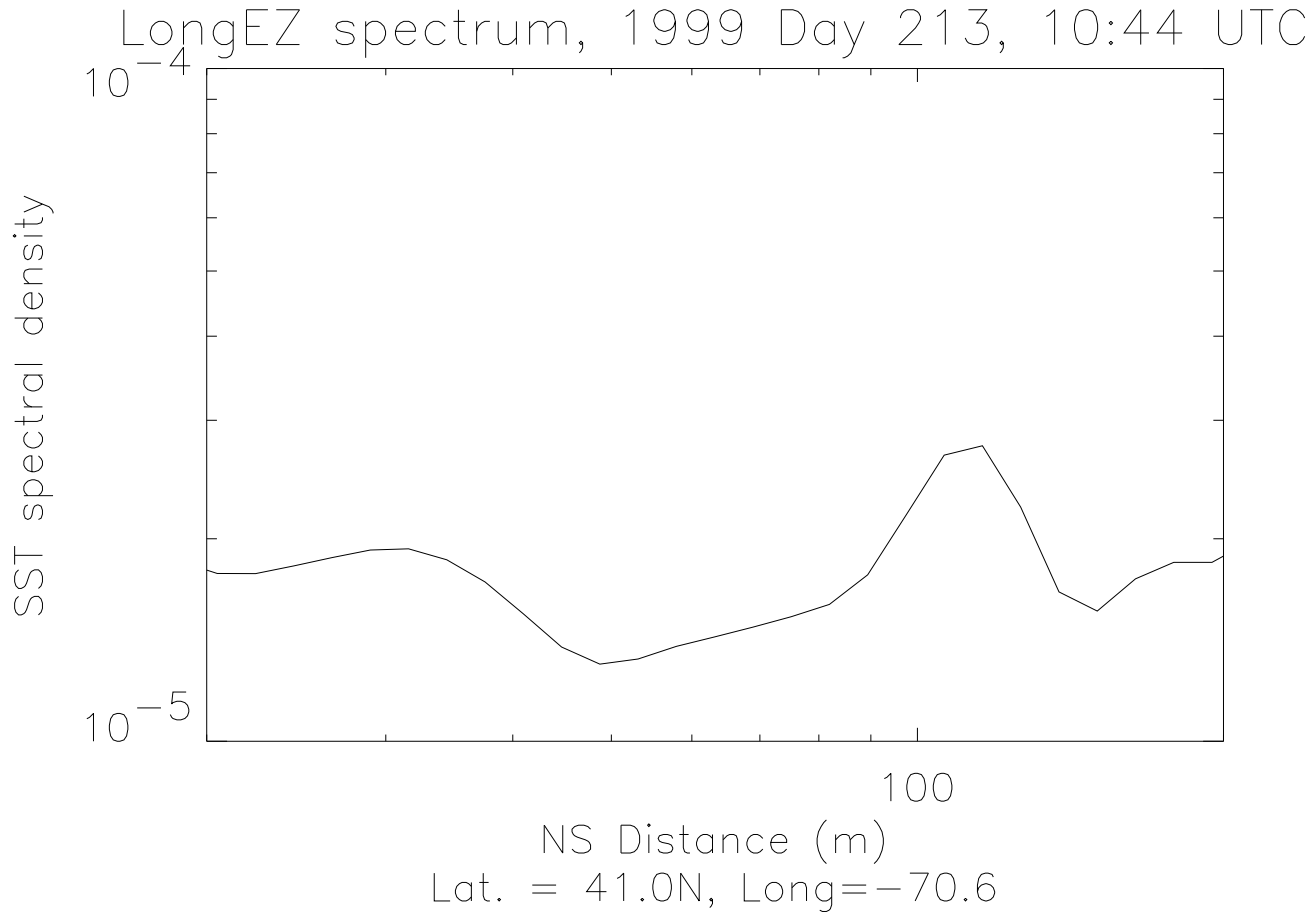
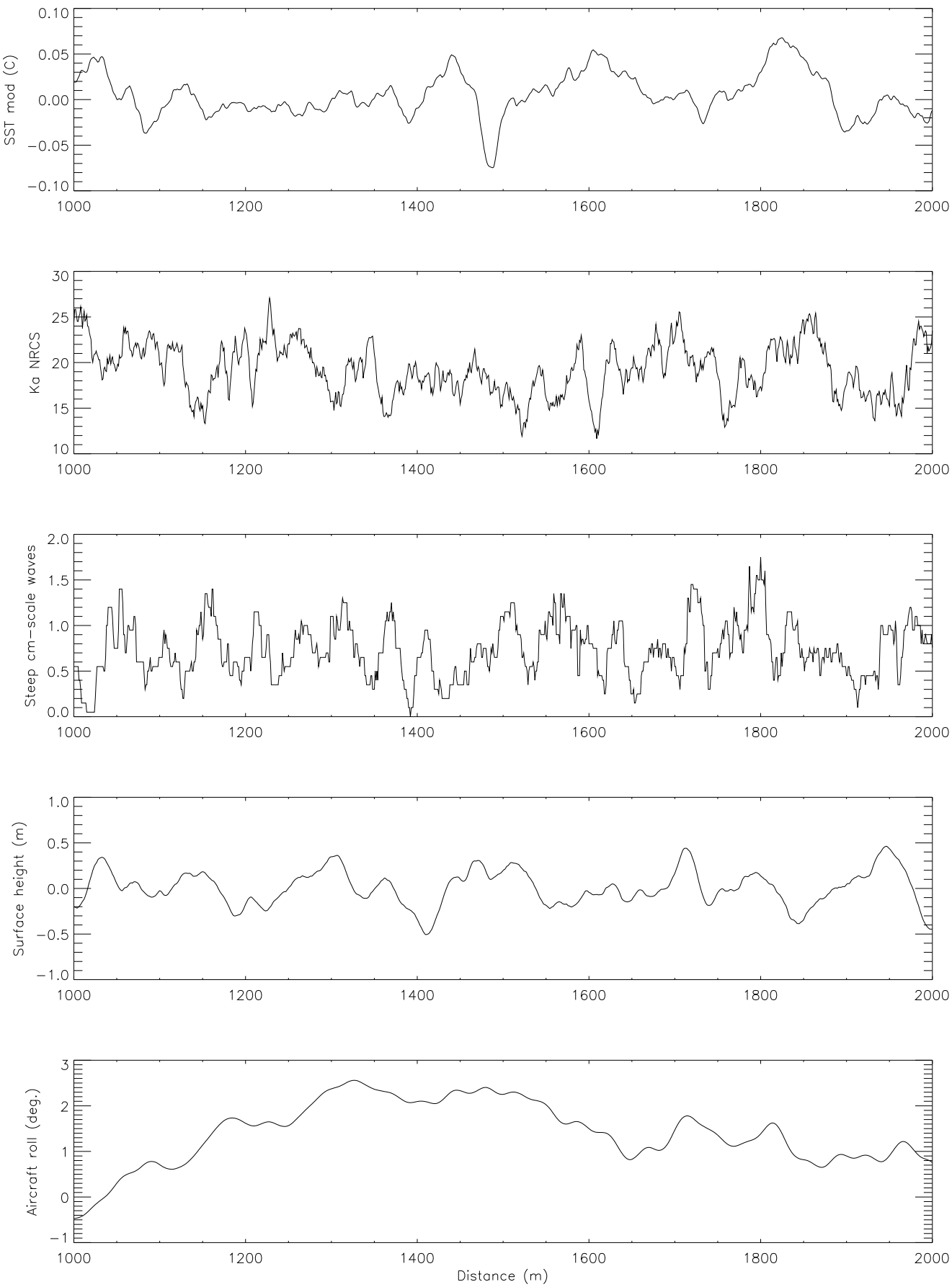
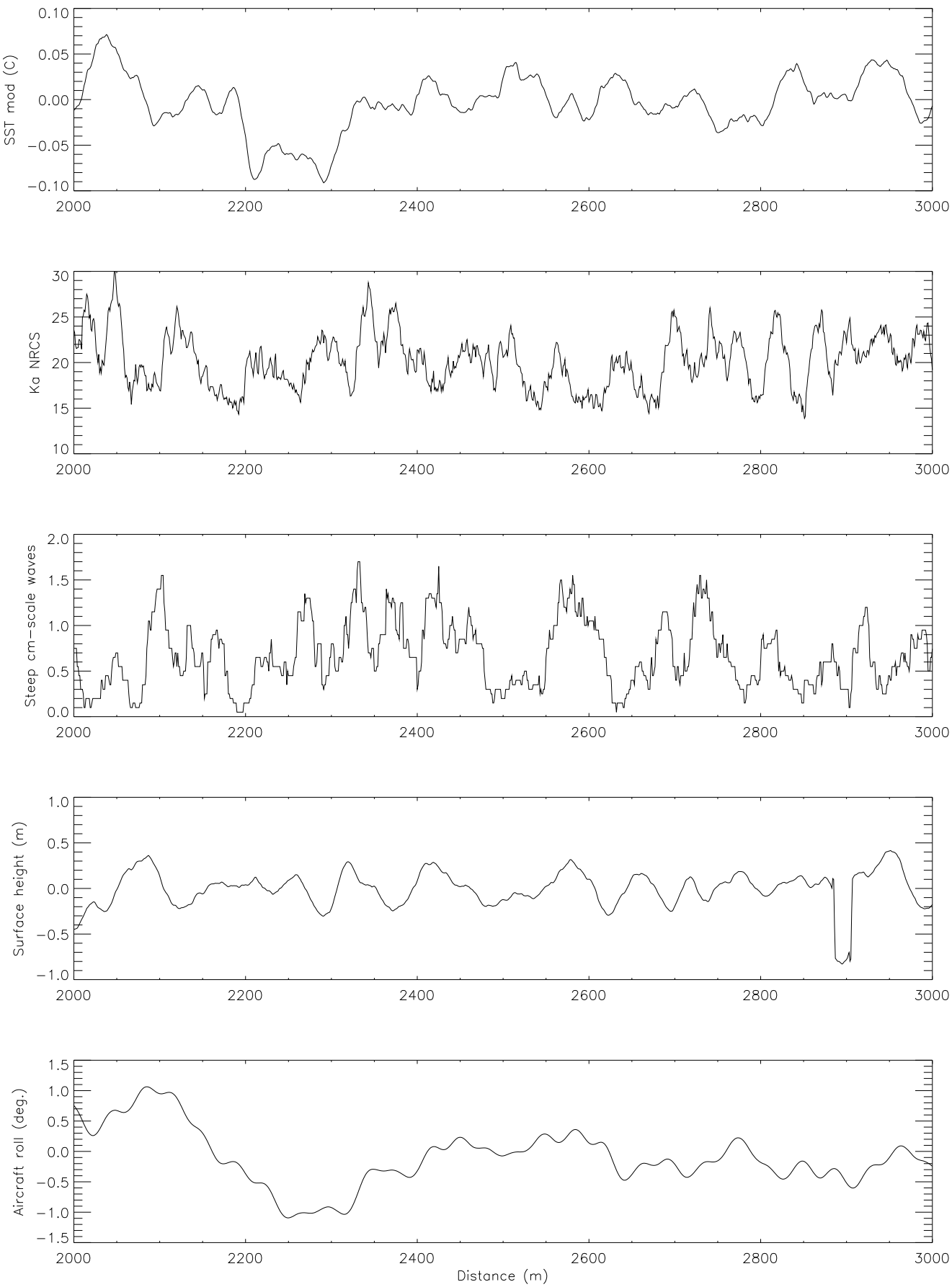
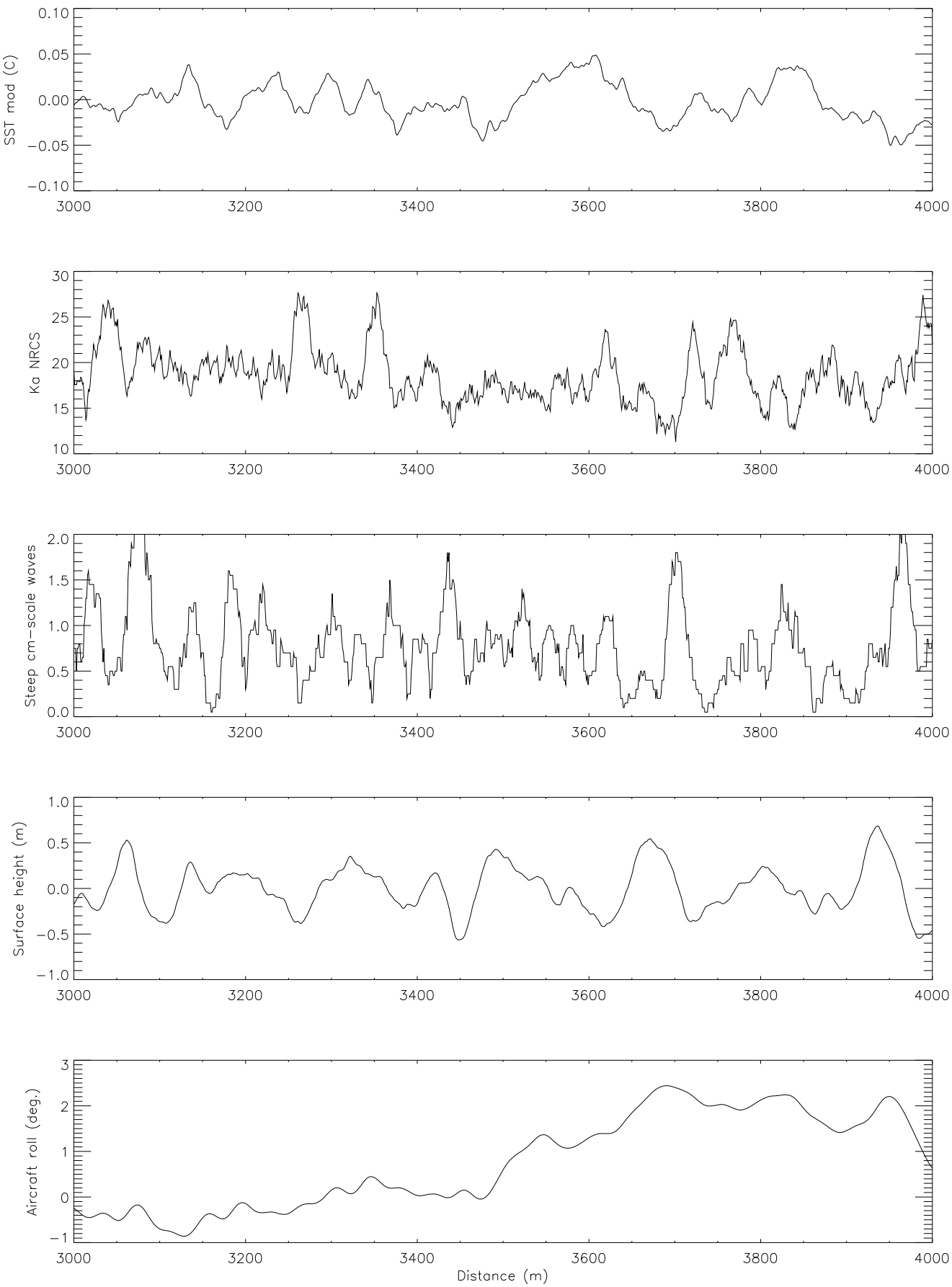
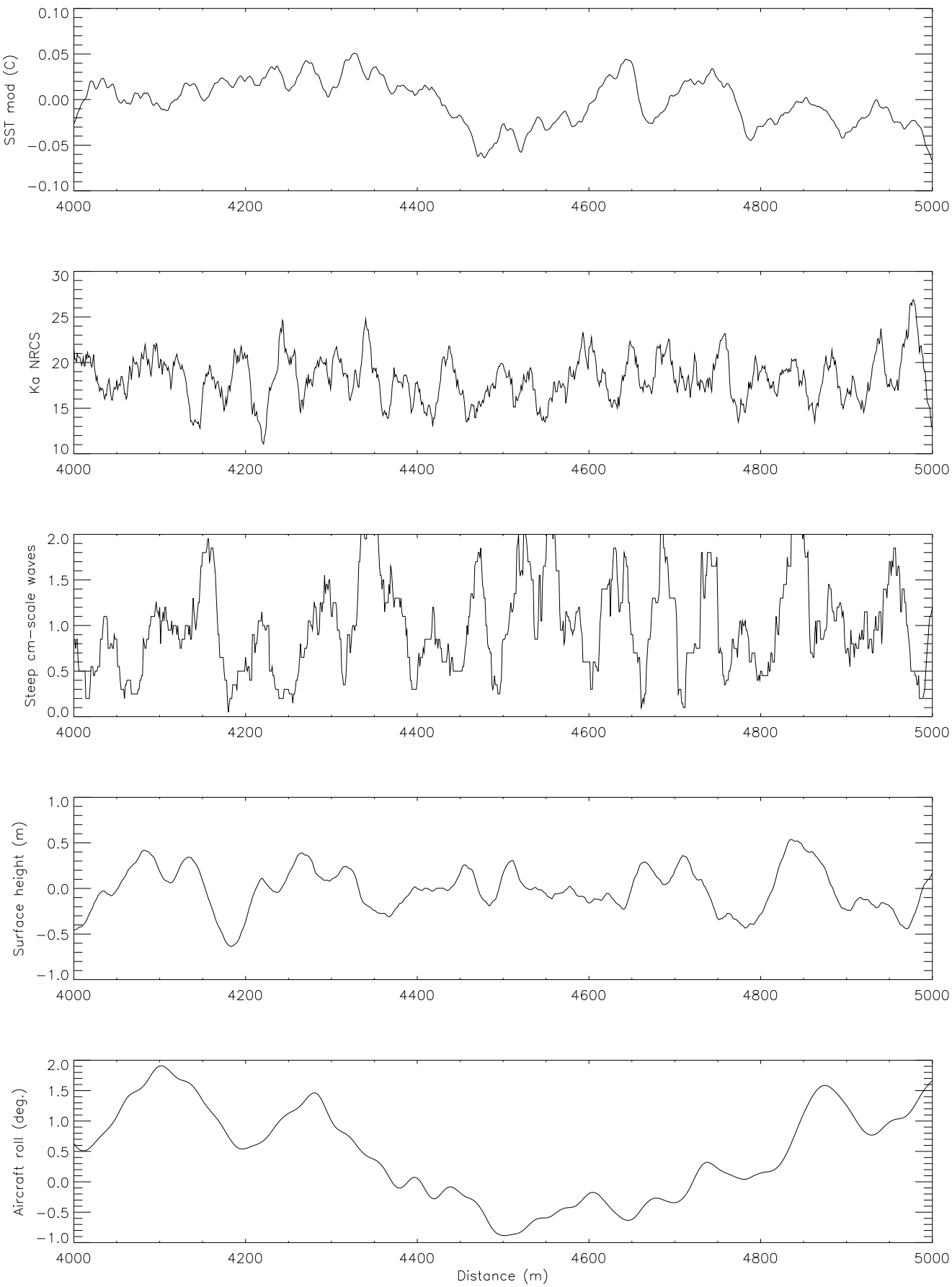

LongEZ spectrum, 1999 Day 213, 10:44 UTC
0.100
0.010
0.001
Short−wave spectral density
100
NS Distance (m)
Lat. = 41.0N, Long=−70.6

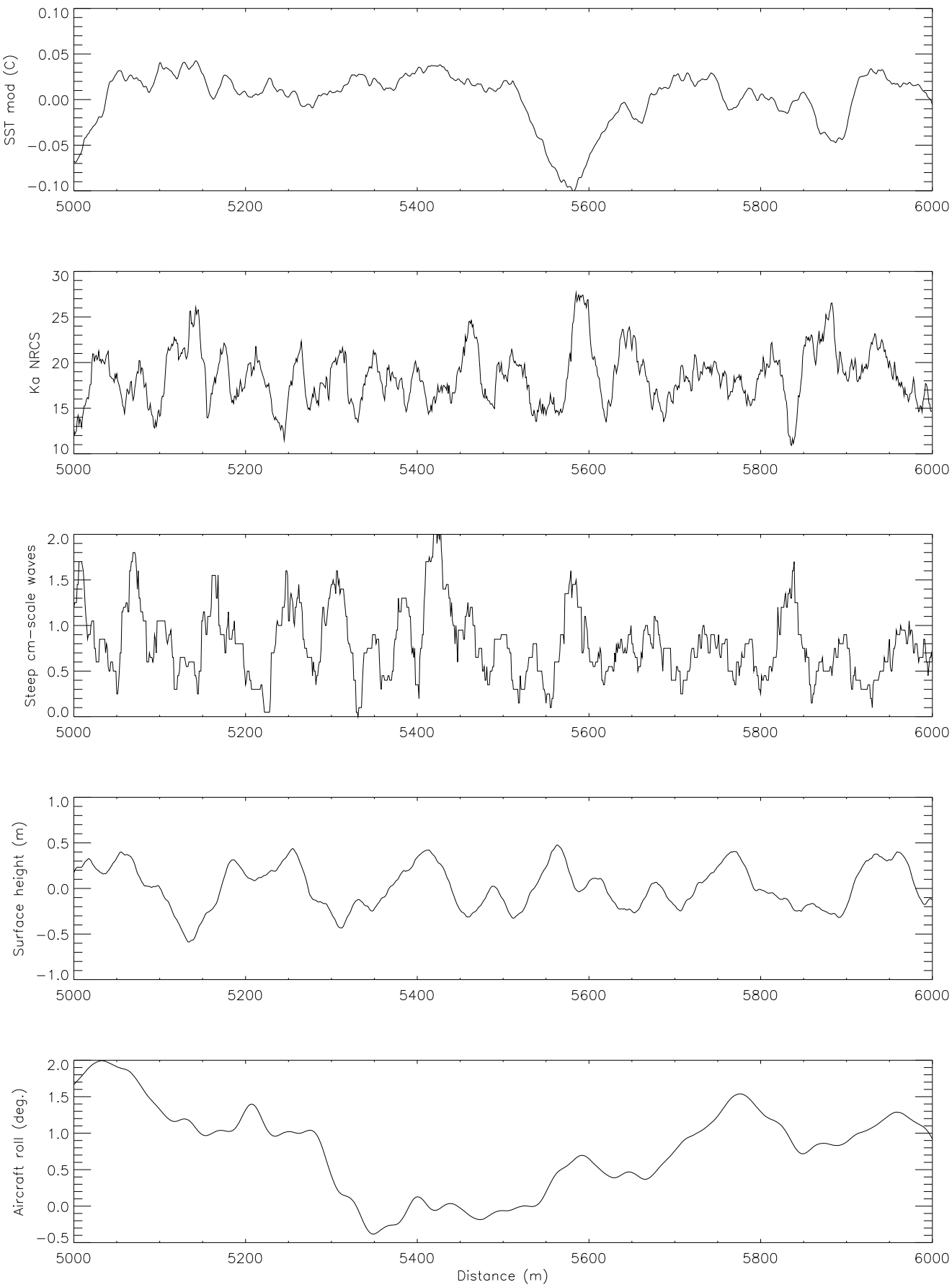

LongEZ spectrum, 1999 Day 213, 10:44 UTC
10^{-4}
10^{-5}
SST spectral density
100
NS Distance (m)
Lat. = 41.0N, Long=−70.6

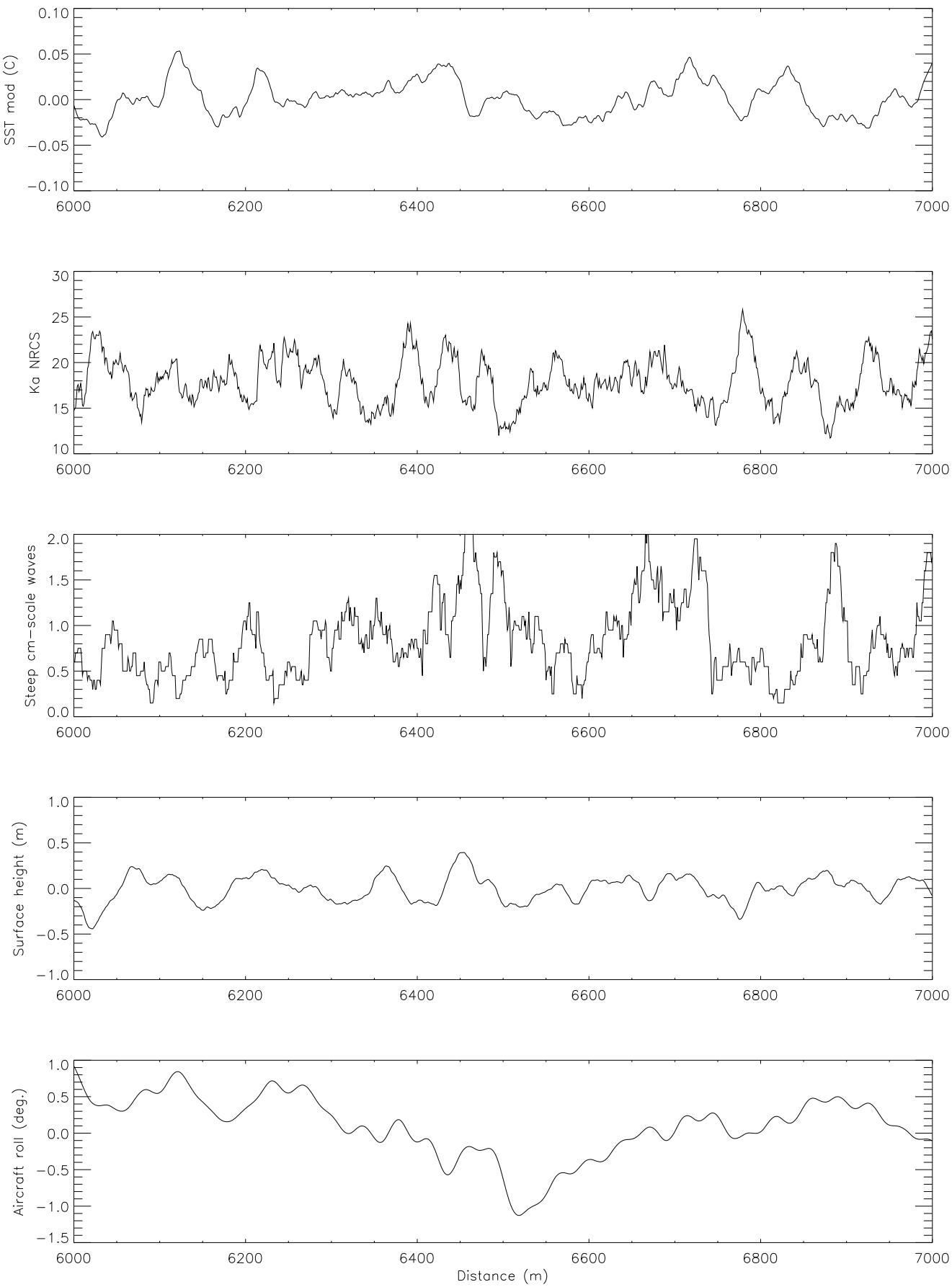

SST mod (C)
0.10
0.05
0.00
−0.05
−0.10
Ka NRCS
30
25
20
15
10
Steep cm−scale waves
2.0
1.5
1.0
0.5
0.0
Surface height (m)
1.0
0.5
0.0
−0.5
−1.0
Aircraft roll (deg.)
3
2
1
0
−1
1000
1200
1400
1600
1800
2000
Distance (m)

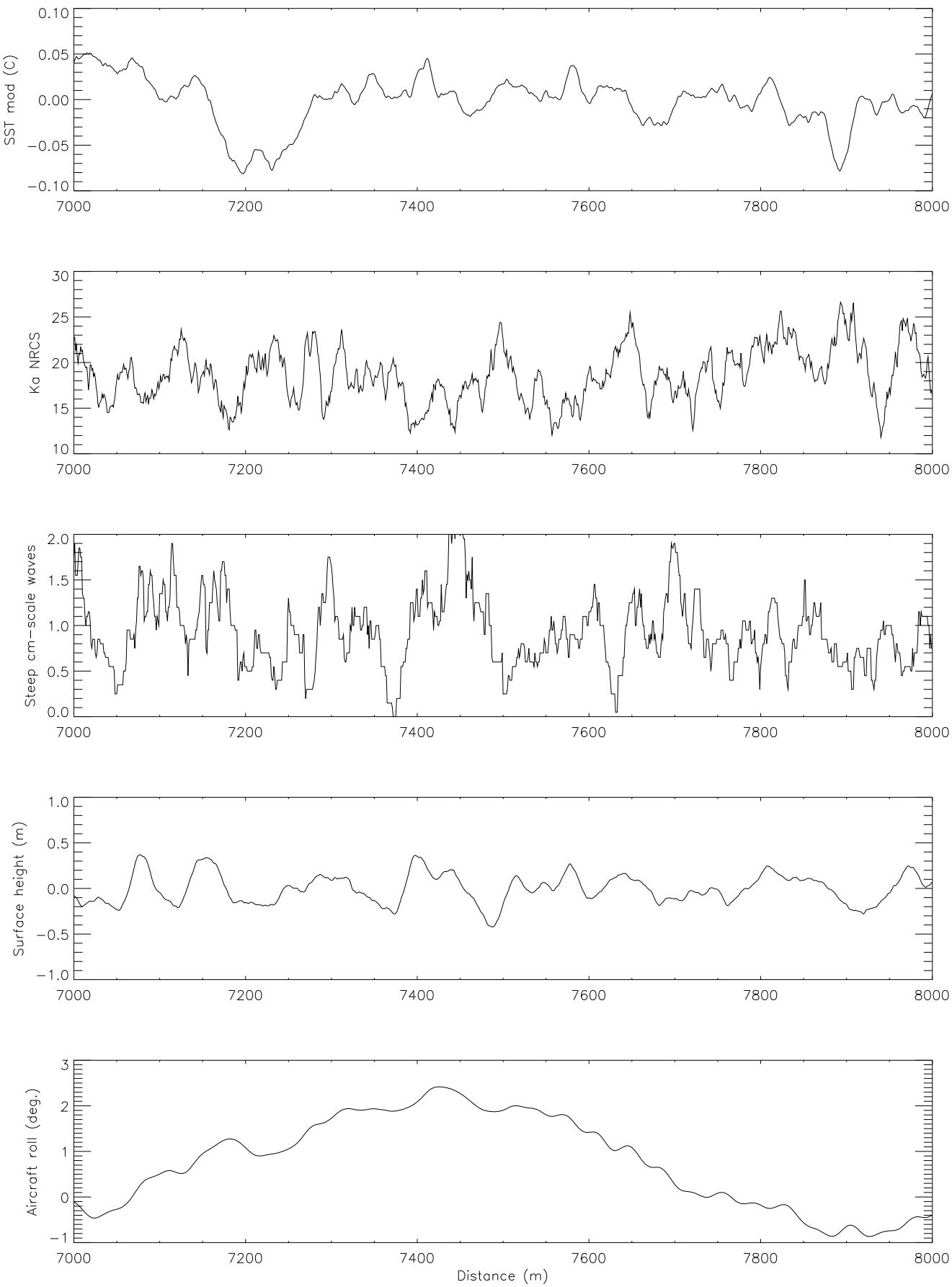

SST mod (C)
0.10
0.05
0.00
−0.05
−0.10
Ka NRCS
30
25
20
15
10
Steep cm−scale waves
2.0
1.5
1.0
0.5
0.0
Surface height (m)
1.0
0.5
0.0
−0.5
−1.0
Aircraft roll (deg.)
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
2000
2200
2400
2600
2800
3000
Distance (m)


SST mod (C)
0.10
0.05
0.00
−0.05
−0.10
Ka NRCS
30
25
20
15
10
Steep cm−scale waves
2.0
1.5
1.0
0.5
0.0
Surface height (m)
1.0
0.5
0.0
−0.5
−1.0
Aircraft roll (deg.)
3
2
1
0
−1
3000
3200
3400
3600
3800
4000
Distance (m)


SST mod (C)
0.10
0.05
0.00
−0.05
−0.10
Ka NRCS
30
25
20
15
10
Steep cm−scale waves
2.0
1.5
1.0
0.5
0.0
Surface height (m)
1.0
0.5
0.0
−0.5
−1.0
Aircraft roll (deg.)
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
4000
4200
4400
4600
4800
5000
Distance (m)


SST mod (C)
0.10
0.05
0.00
−0.05
−0.10
Ka NRCS
30
25
20
15
10
Steep cm−scale waves
2.0
1.5
1.0
0.5
0.0
Surface height (m)
1.0
0.5
0.0
−0.5
−1.0
Aircraft roll (deg.)
2.0
1.5
1.0
0.5
0.0
−0.5
5000
5200
5400
5600
5800
6000
Distance (m)


SST mod (C)
0.10
0.05
0.00
−0.05
−0.10
Ka NRCS
30
25
20
15
10
Steep cm−scale waves
2.0
1.5
1.0
0.5
0.0
Surface height (m)
1.0
0.5
0.0
−0.5
−1.0
Aircraft roll (deg.)
1.0
0.5
0.0
−0.5
−1.0
−1.5
6000
6200
6400
6600
6800
7000
Distance (m)


SST mod (C)
0.10
0.05
0.00
−0.05
−0.10
Ka NRCS
30
25
20
15
10
Steep cm−scale waves
2.0
1.5
1.0
0.5
0.0
Surface height (m)
1.0
0.5
0.0
−0.5
−1.0
Aircraft roll (deg.)
3
2
1
0
−1
7000
7200
7400
7600
7800
8000
Distance (m)