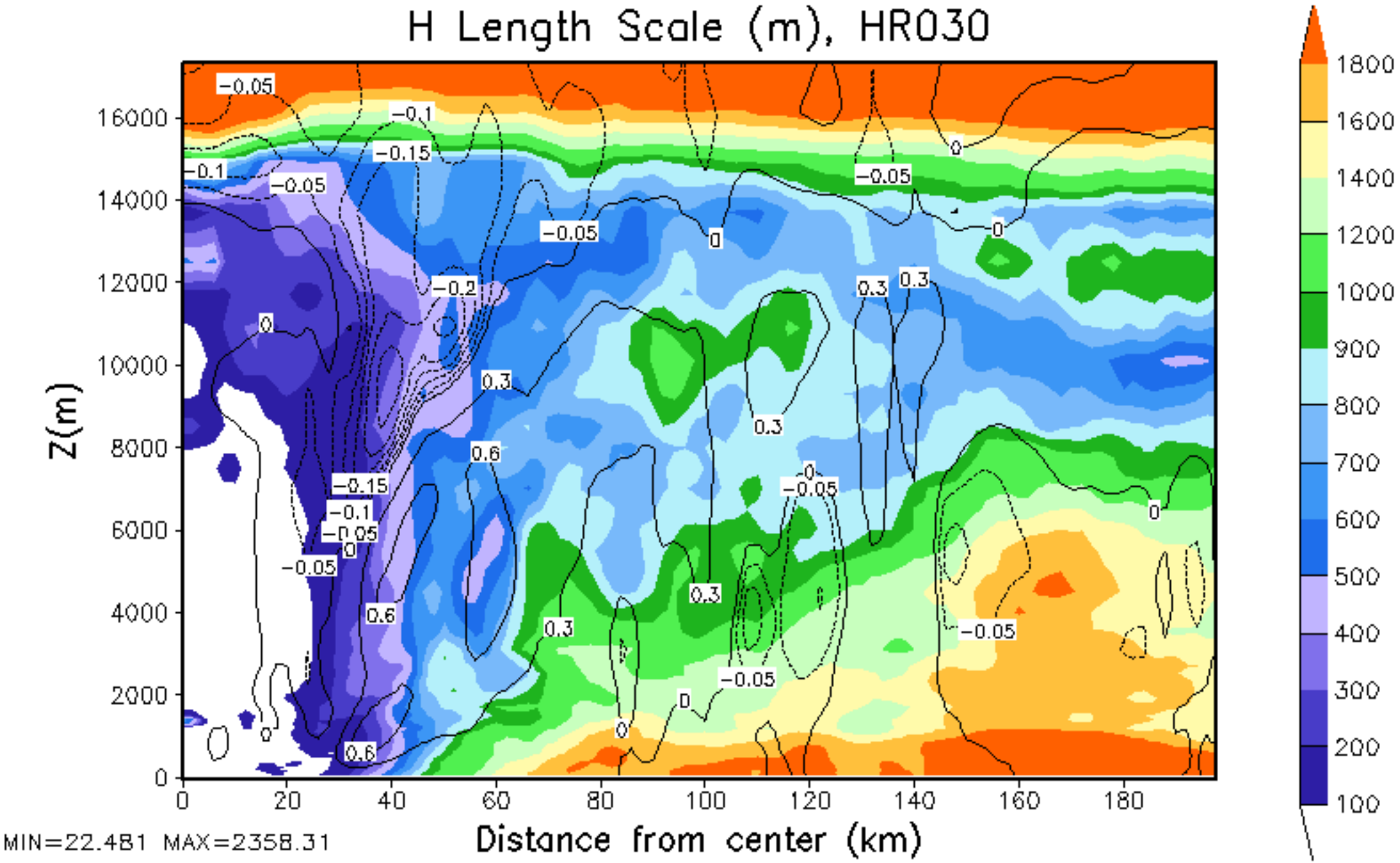
H Length Scale (m), HR030
Z(m)
Distance from center (km)
MIN=22.481 MAX=2358.31
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
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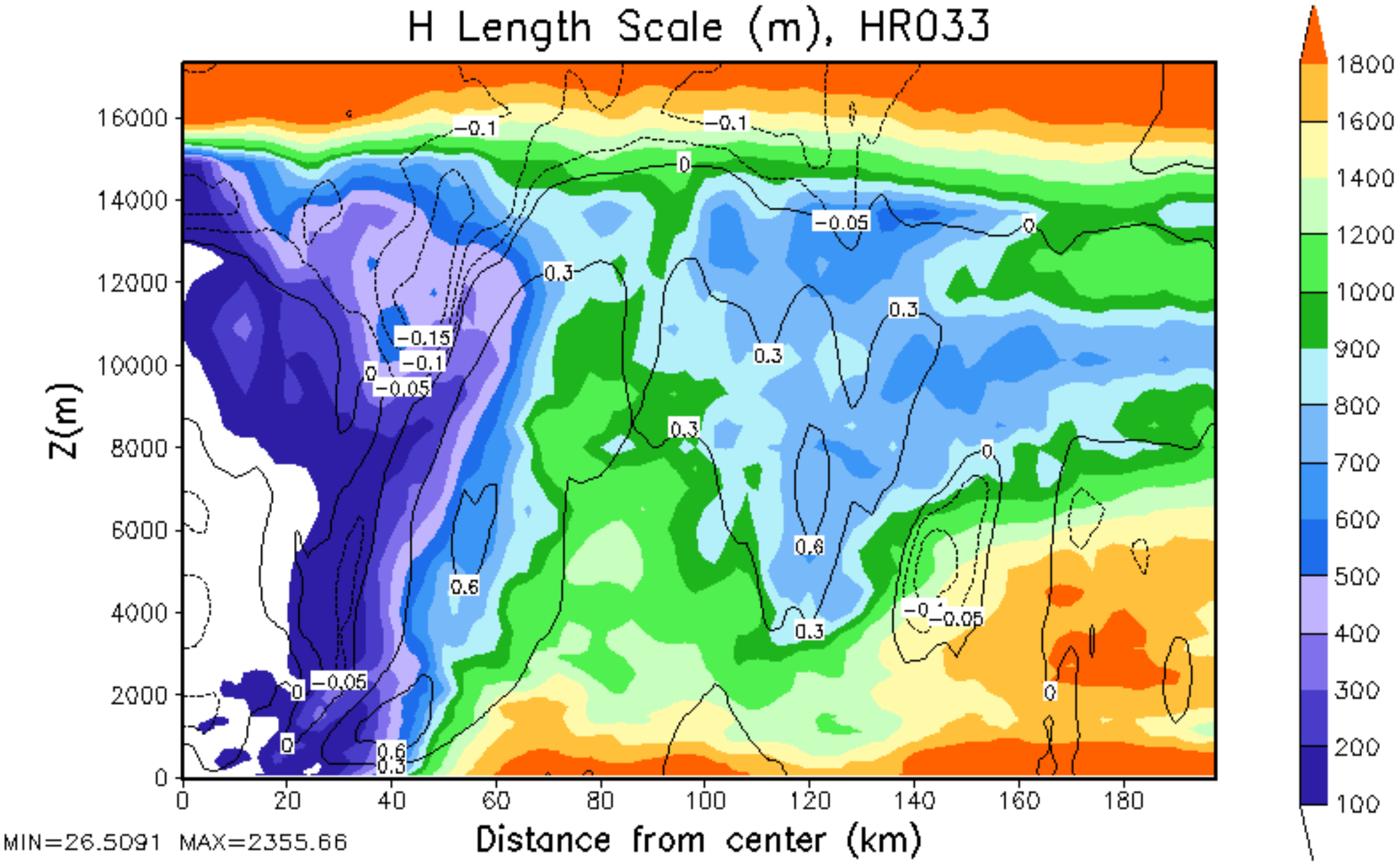
H Length Scale (m), HR033
Z(m)
Distance from center (km)
MIN=26.5091 MAX=2355.66
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
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180
100
200
300
400
500
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1000
1200
1400
1600
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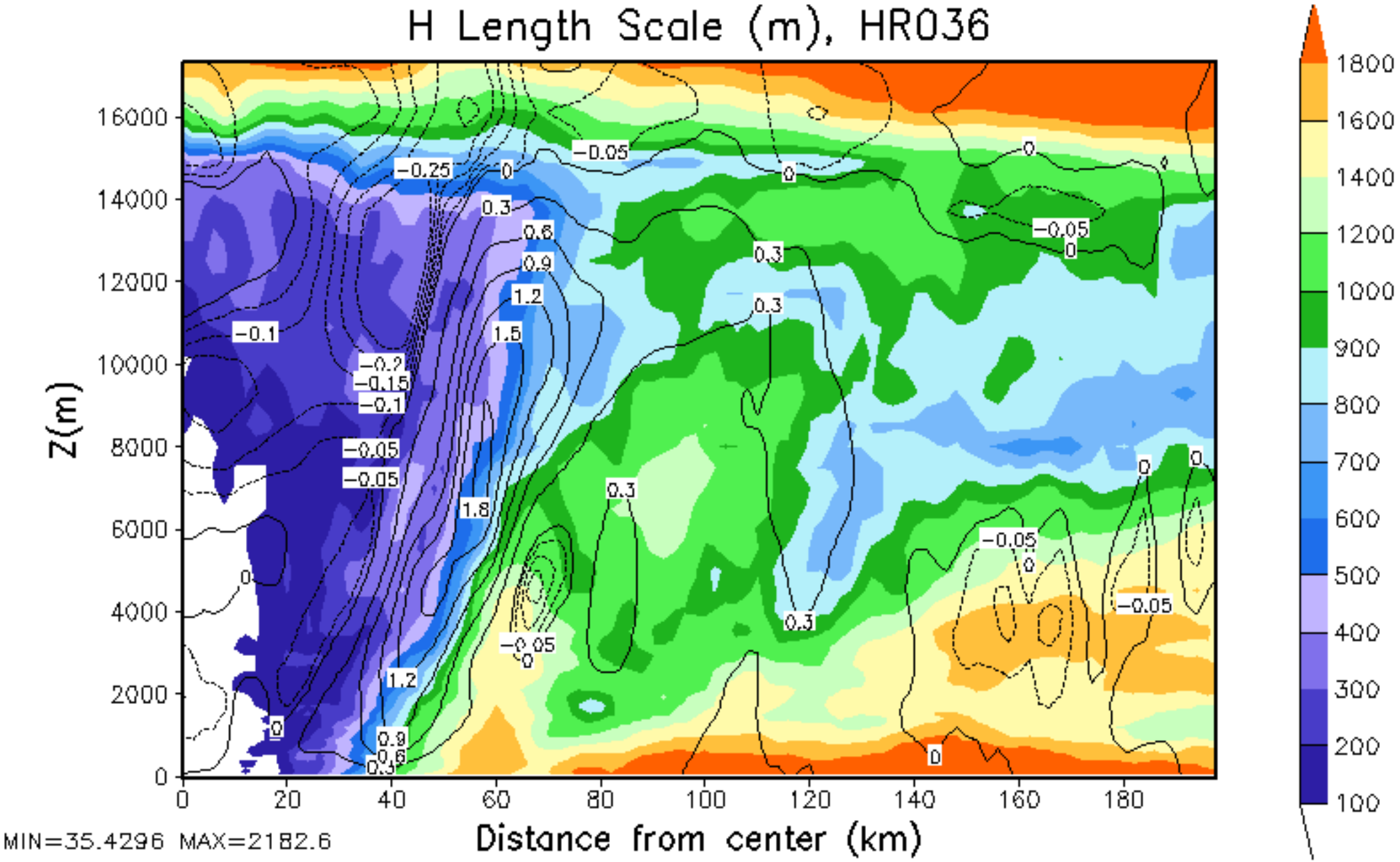
0
-0.05
0.3
-0.15
0.6


H Length Scale (m), HR036
Z(m)
Distance from center (km)
MIN=35.4296 MAX=2182.6
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
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1600
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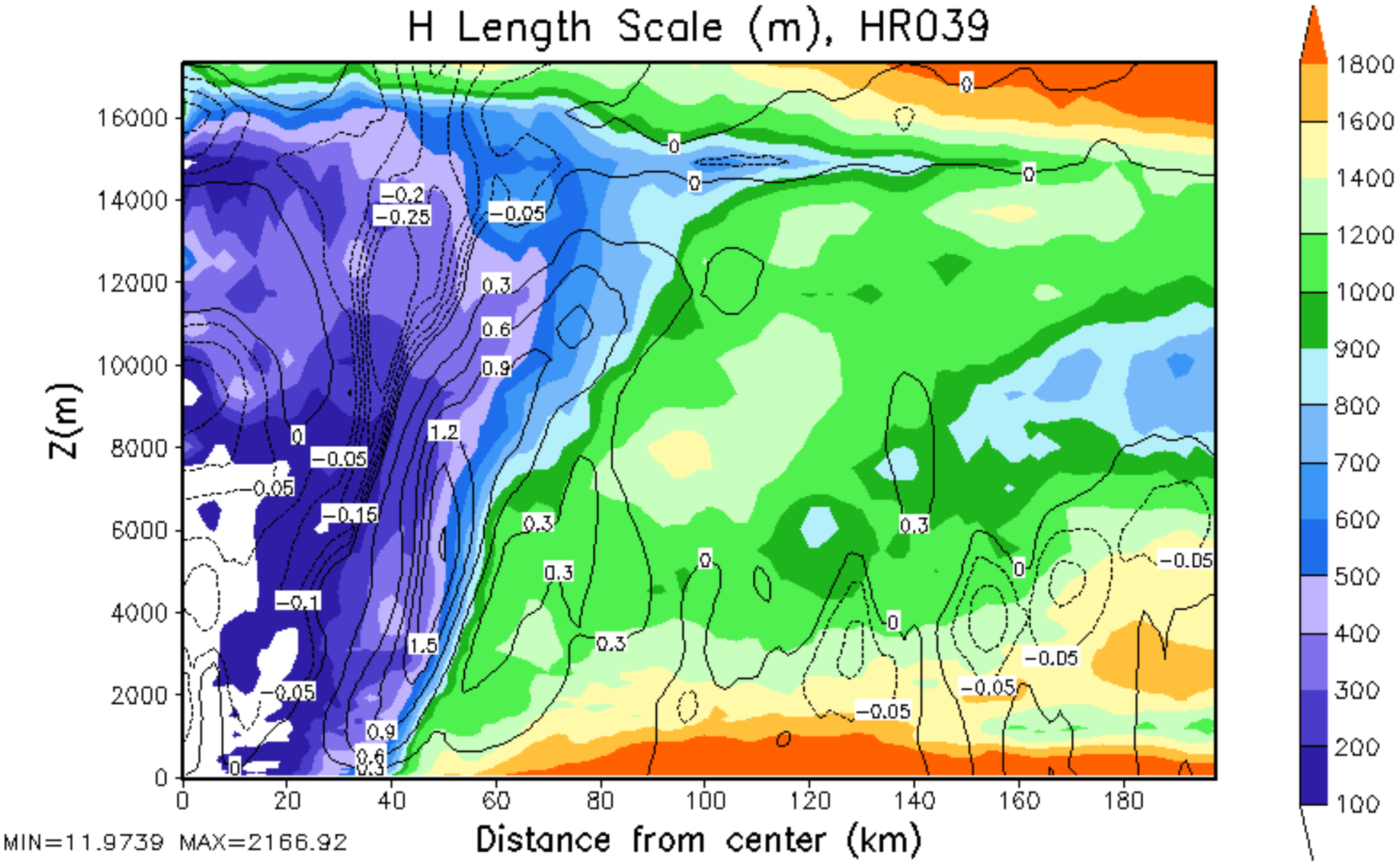
H Length Scale (m), HR039
Z(m)
Distance from center (km)
MIN=11.9739 MAX=2166.92
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
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180
100
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300
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500
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700
800
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1600
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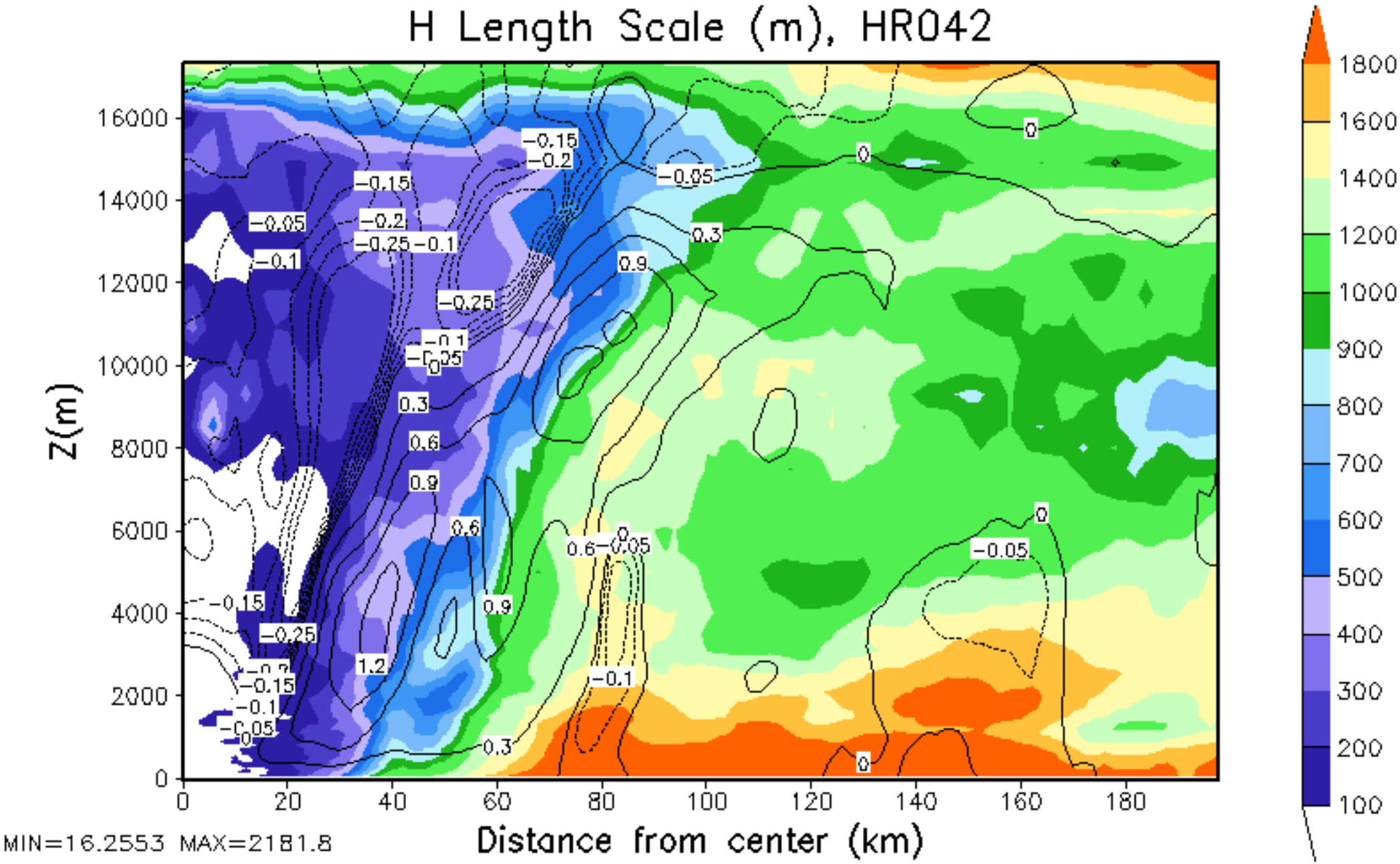
H Length Scale (m), HR042
Z(m)
Distance from center (km)
MIN=16.2553 MAX=2181.8
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
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120
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1600
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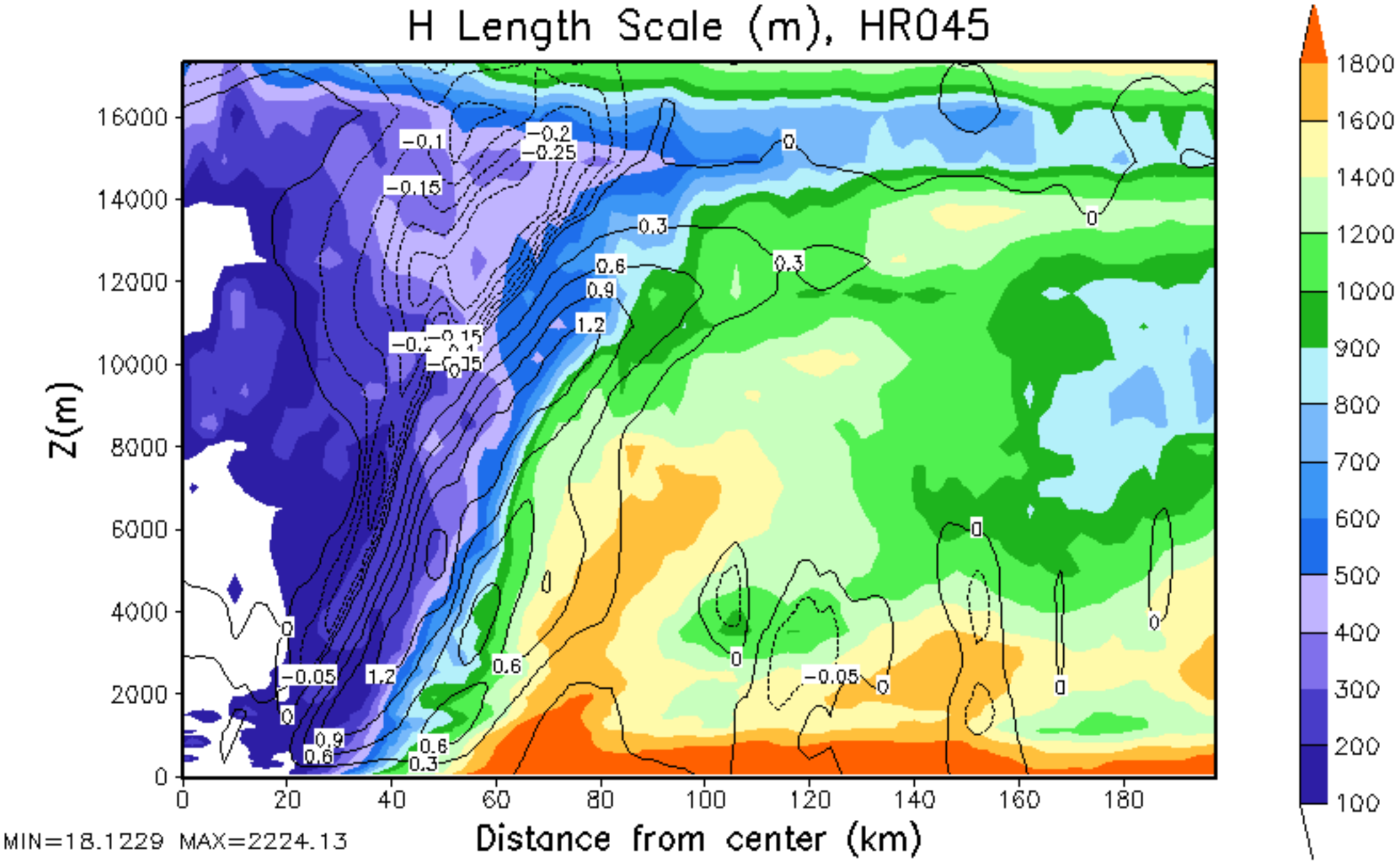
H Length Scale (m), HR045
Z(m)
Distance from center (km)
MIN=18.1229 MAX=2224.13
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
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120
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160
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100
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300
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1200
1400
1600
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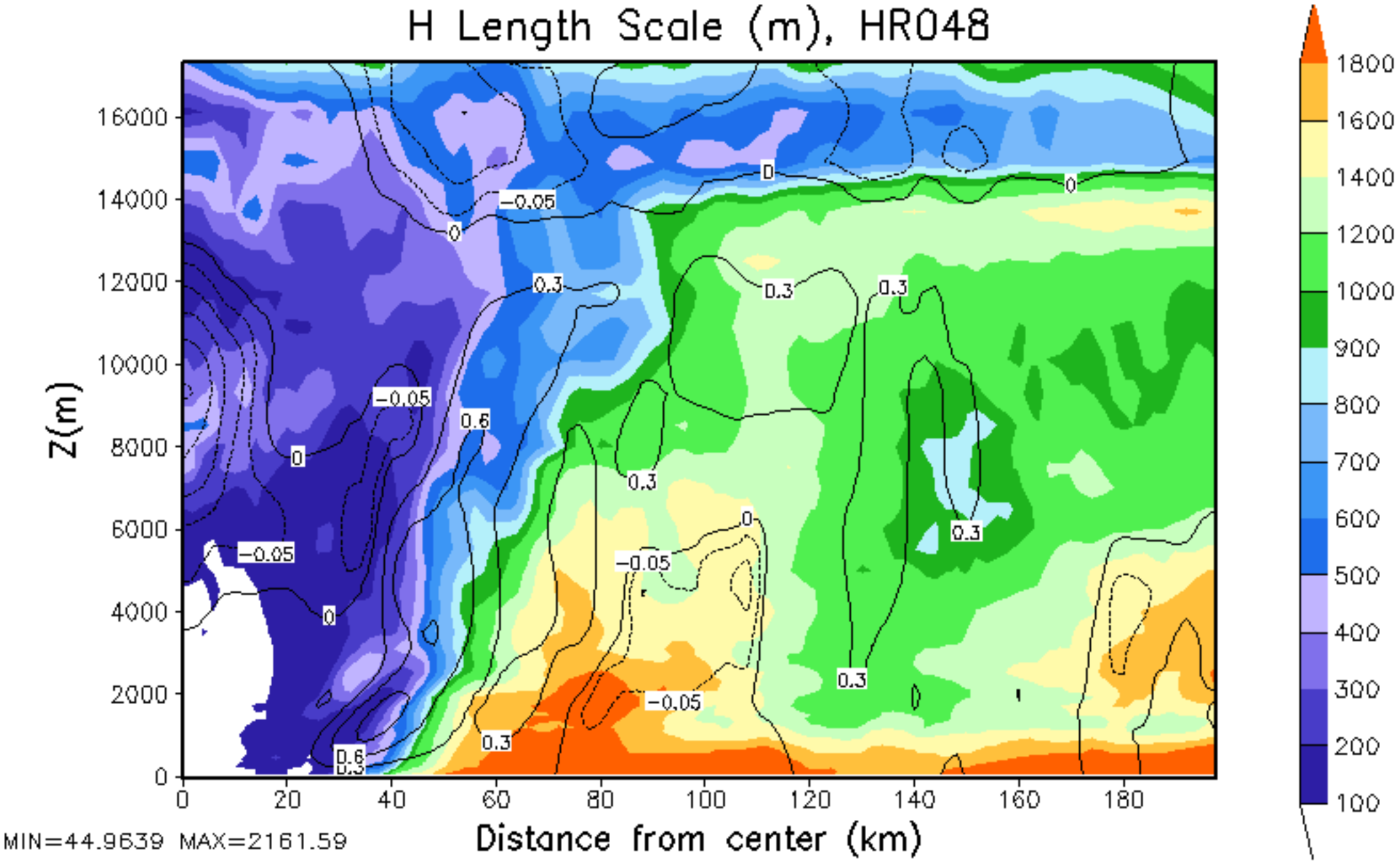
H Length Scale (m), HR048
Z(m)
Distance from center (km)
MIN=44.9639 MAX=2161.59
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
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300
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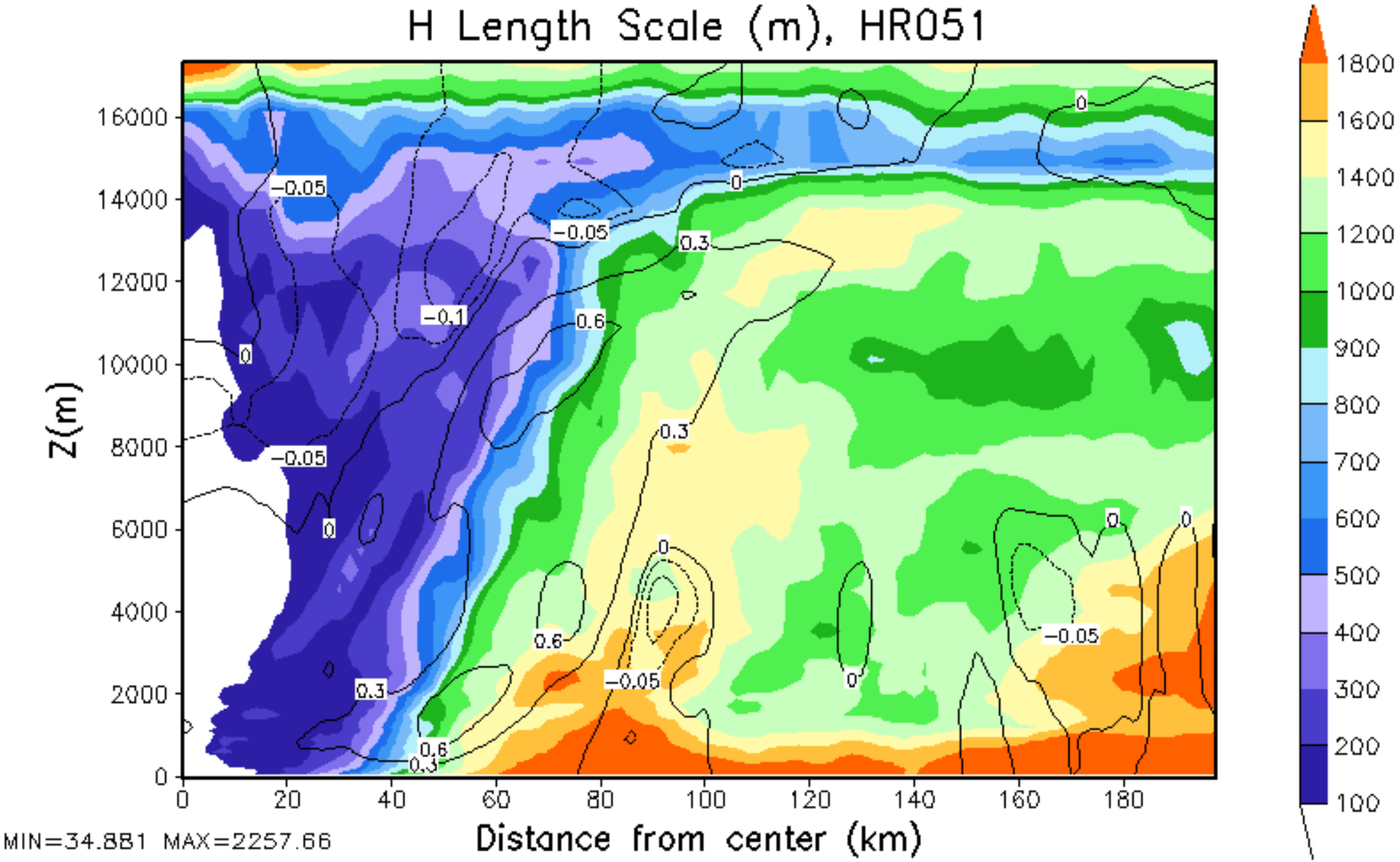
500
600
700
800
900
1000
1200
1400
1600
1800
−0.05
0
0.3
0.6


H Length Scale (m), HR051
Z(m)
Distance from center (km)
MIN=34.881 MAX=2257.66
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
100
200
300
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500
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700
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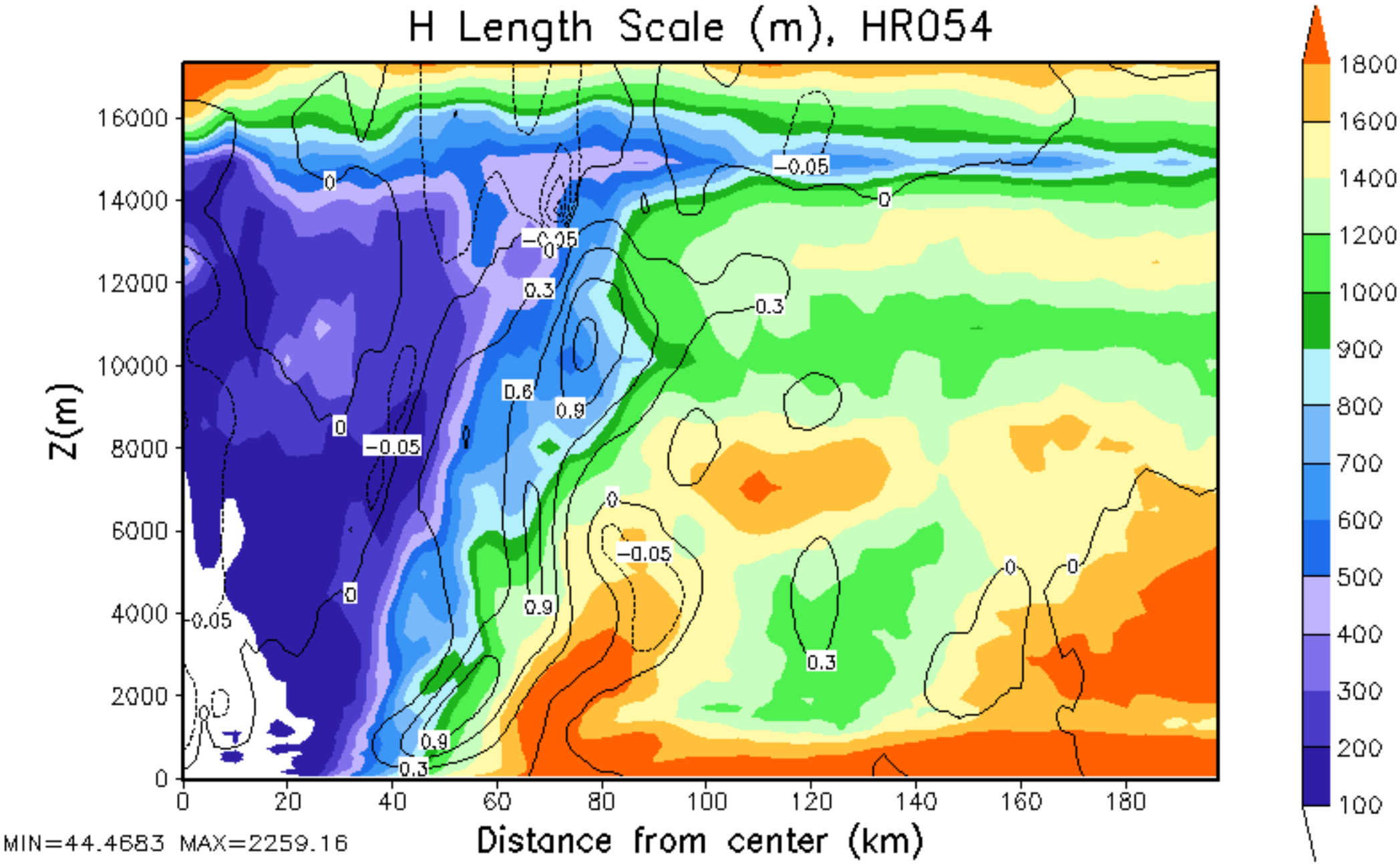
900
1000
1200
1400
1600
1800
-0.05
-0.1
0
0.3
0.6


H Length Scale (m), HR054
Z(m)
Distance from center (km)
MIN=44.4683 MAX=2259.16
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
100
200
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800
900
1000
1200
1400
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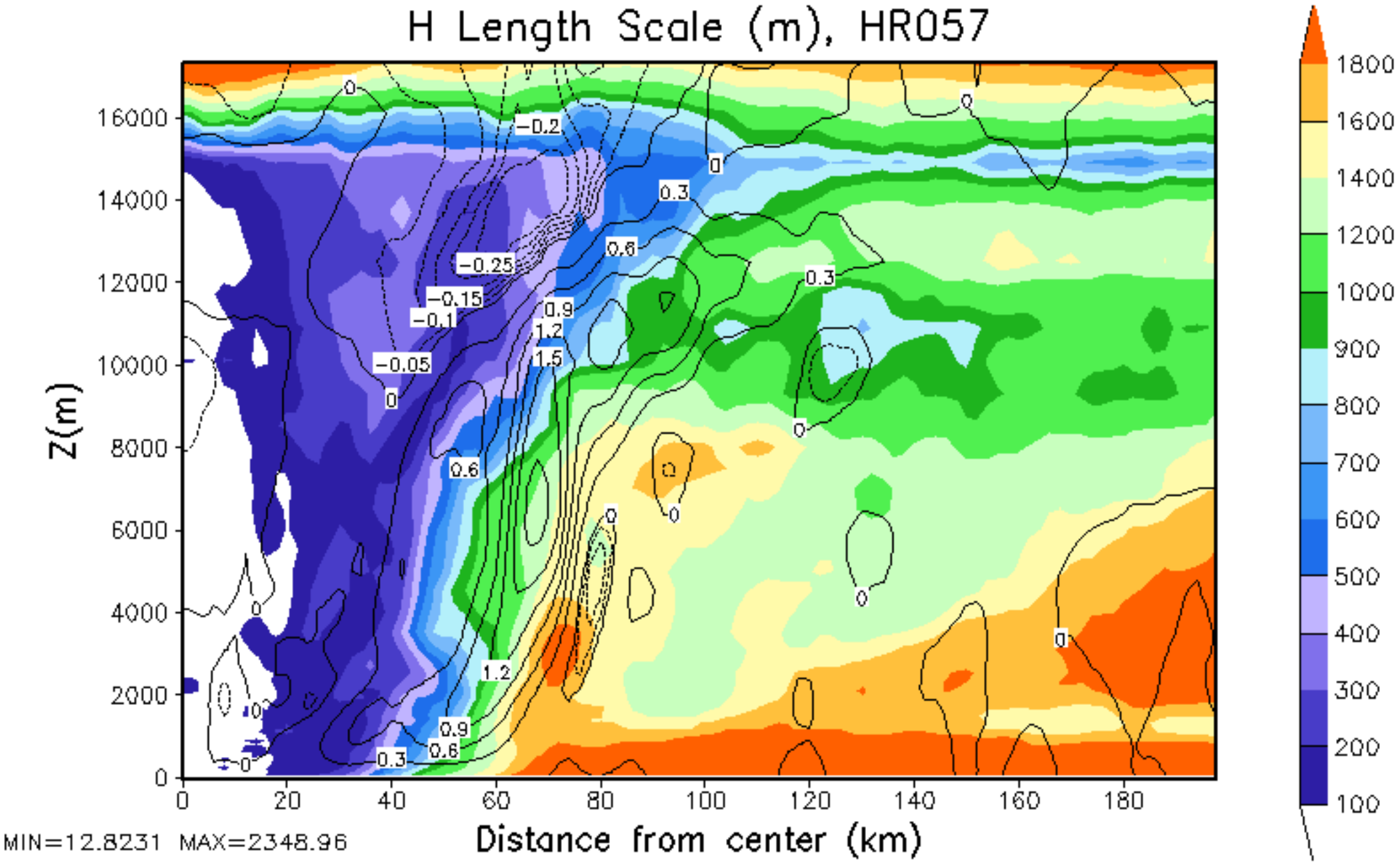
0.3
0.6
0.9


H Length Scale (m), HR057
Z(m)
Distance from center (km)
MIN=12.8231 MAX=2348.96
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2000
4000
6000
8000
10000
12000
14000
16000
0
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40
60
80
100
120
140
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180
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200
300
400
500
600
700
800
900
1000
1200
1400
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−0.25
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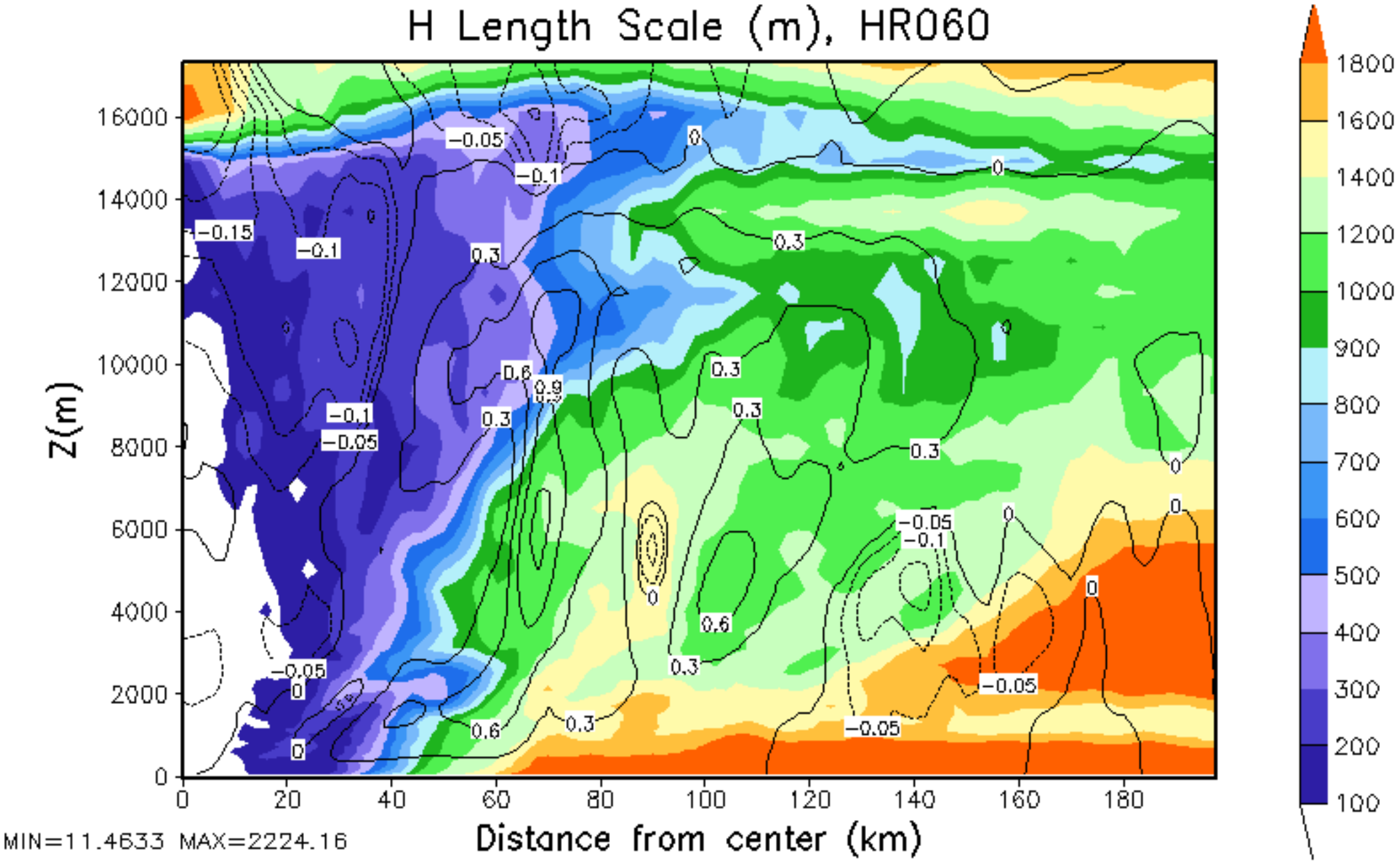
−0.1
−0.05
0.3
0.6
0.9
1.2
1.5


H Length Scale (m), HR060
Z(m)
Distance from center (km)
MIN=11.4633 MAX=2224.16
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
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120
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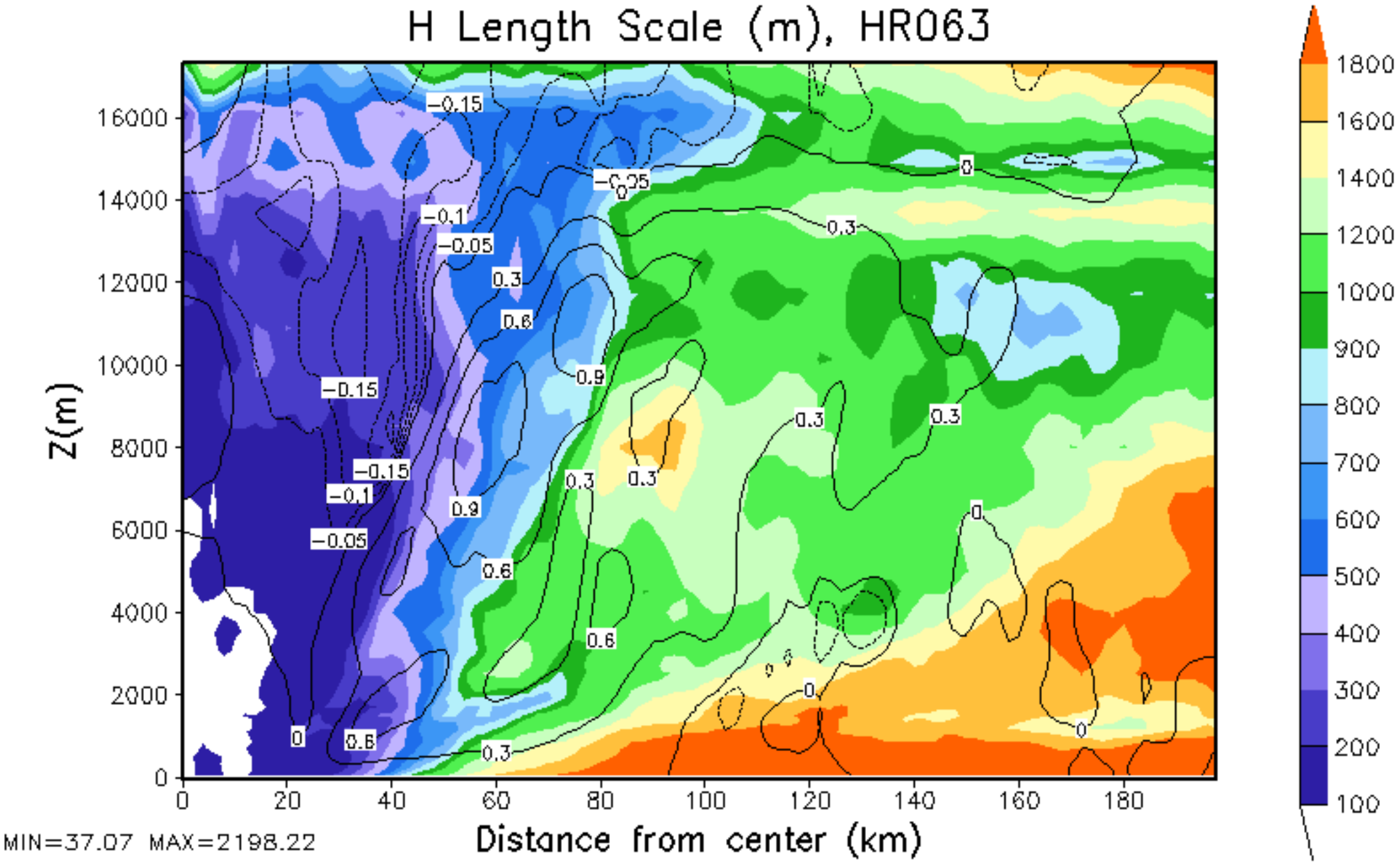
160
180
100
200
300
400
500
600
700
800
900
1000
1200
1400
1600
1800


H Length Scale (m), HR063
Z(m)
Distance from center (km)
MIN=37.07 MAX=2198.22
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
100
200
300
400
500
600
700
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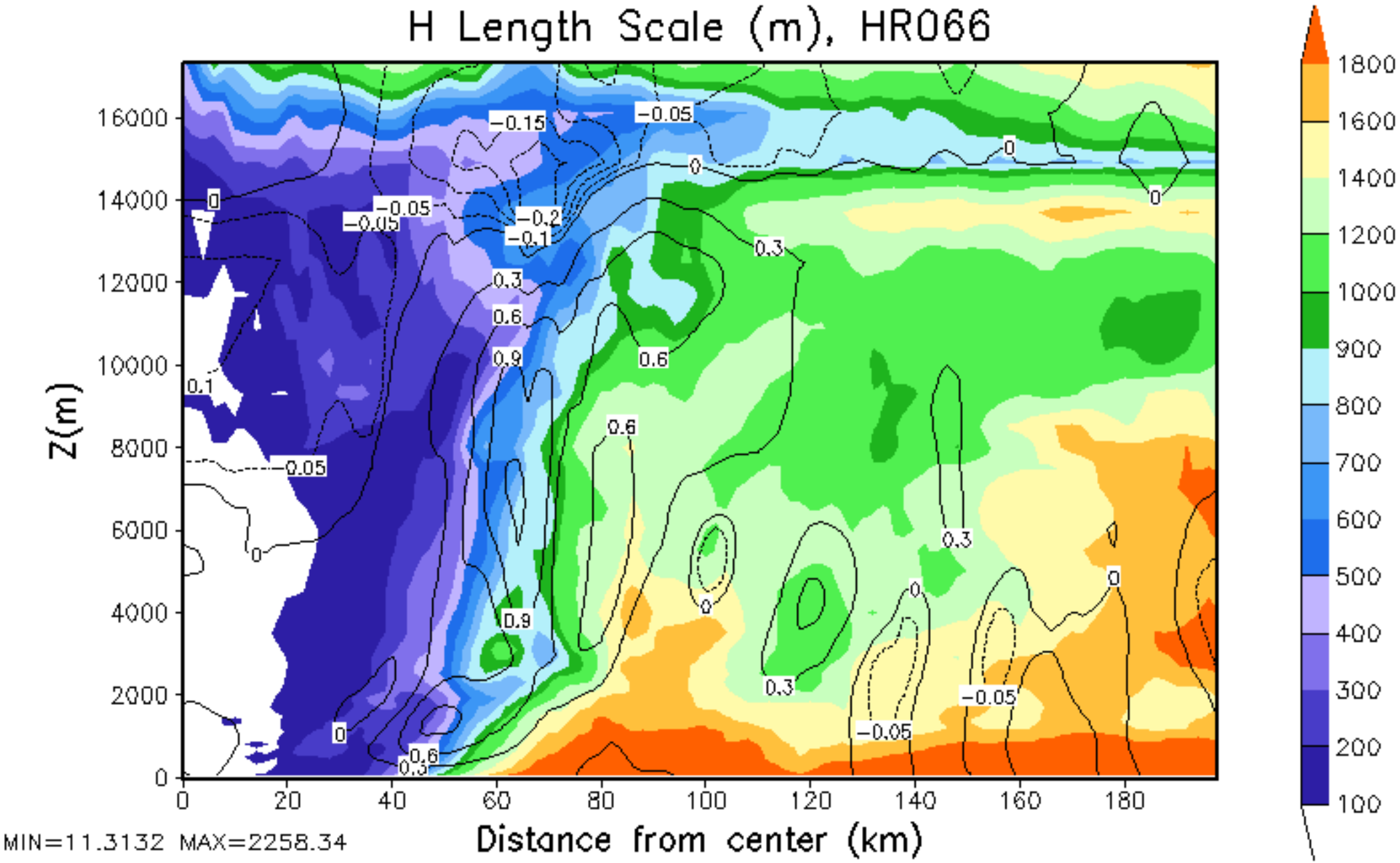
1200
1400
1600
1800
-0.15
-0.1
-0.05
0
0.3
0.6
0.9


H Length Scale (m), HR066
Z(m)
Distance from center (km)
MIN=11.3132 MAX=2258.34
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
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1400
1600
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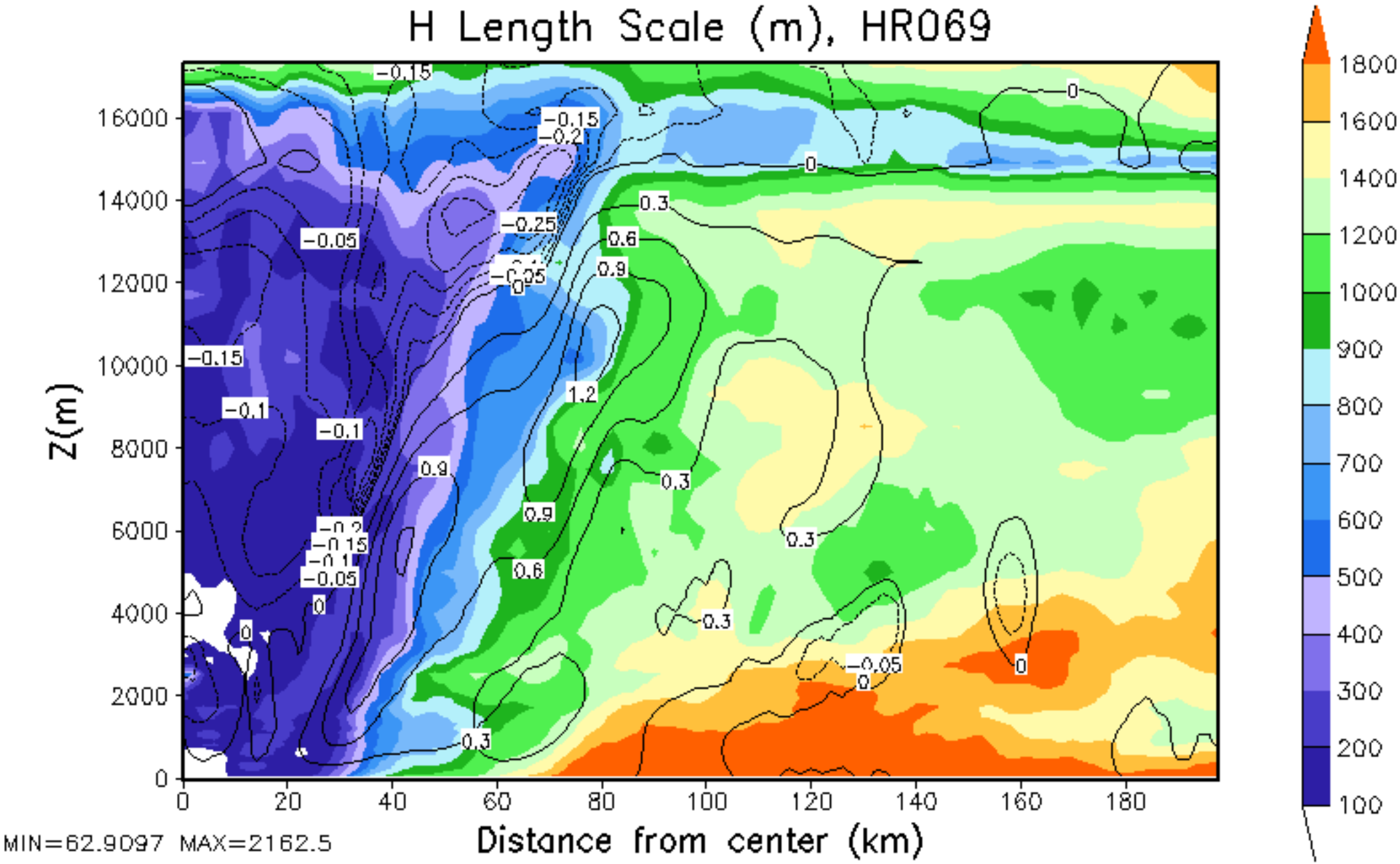
H Length Scale (m), HR069
Z(m)
Distance from center (km)
MIN=62.9097 MAX=2162.5
0
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
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120
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160
180
100
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300
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1400
1600
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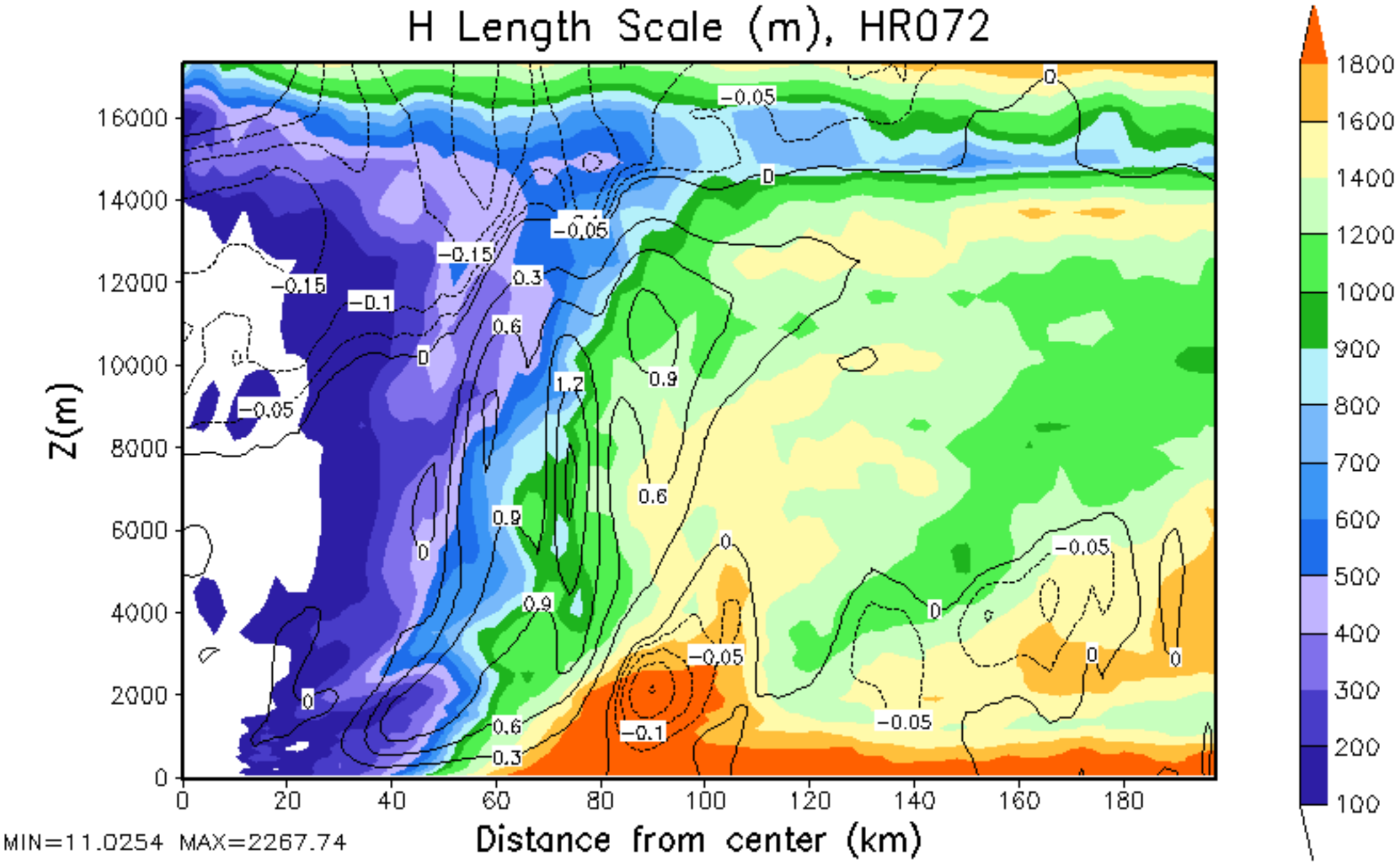
H Length Scale (m), HR072
Z(m)
Distance from center (km)
MIN=11.0254 MAX=2267.74
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8000
10000
12000
14000
16000
0
20
40
60
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160
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100
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300
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500
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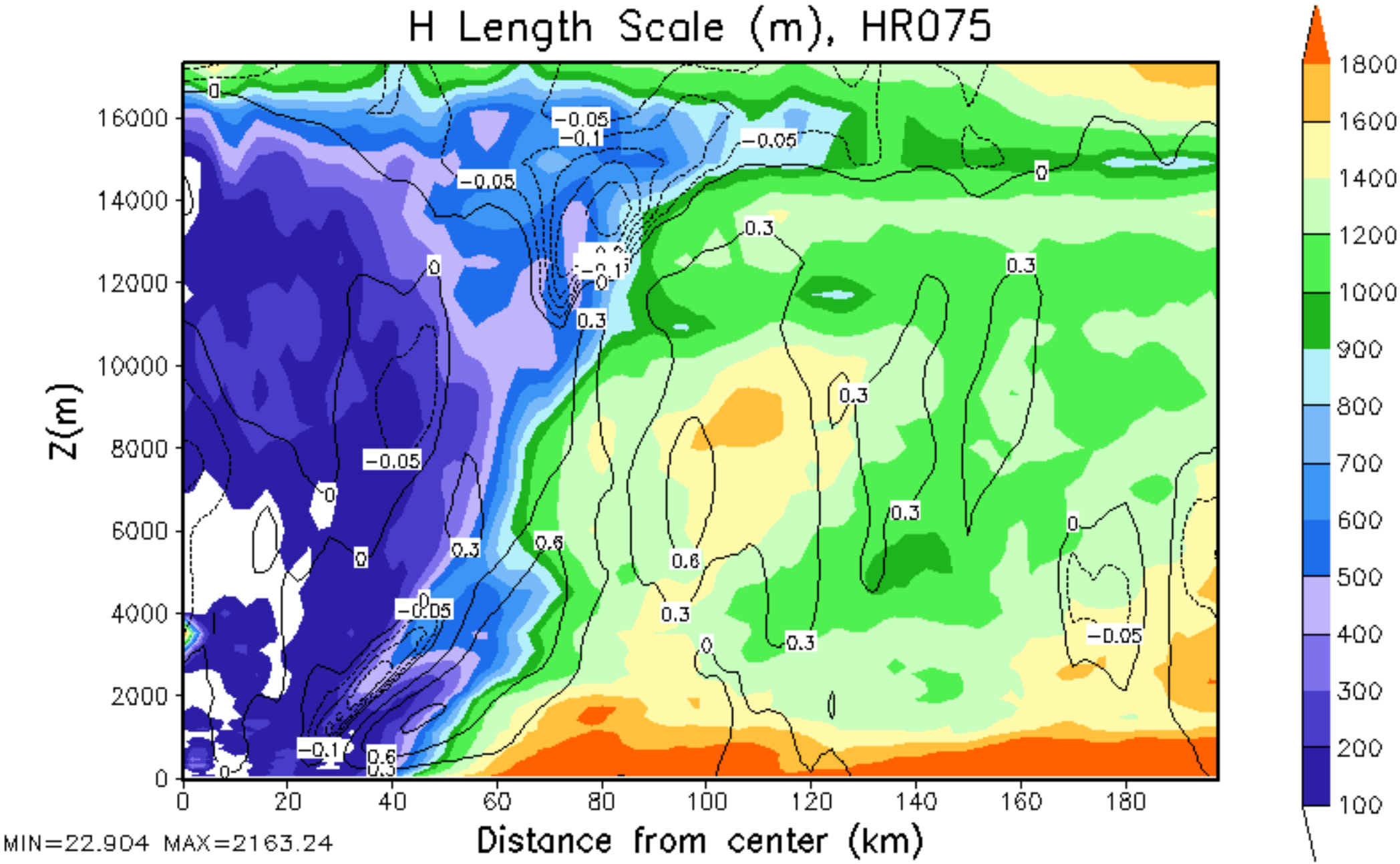
1000
1200
1400
1600
1800


H Length Scale (m), HR075
Z(m)
Distance from center (km)
MIN=22.904 MAX=2163.24
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4000
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8000
10000
12000
14000
16000
0
20
40
60
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200
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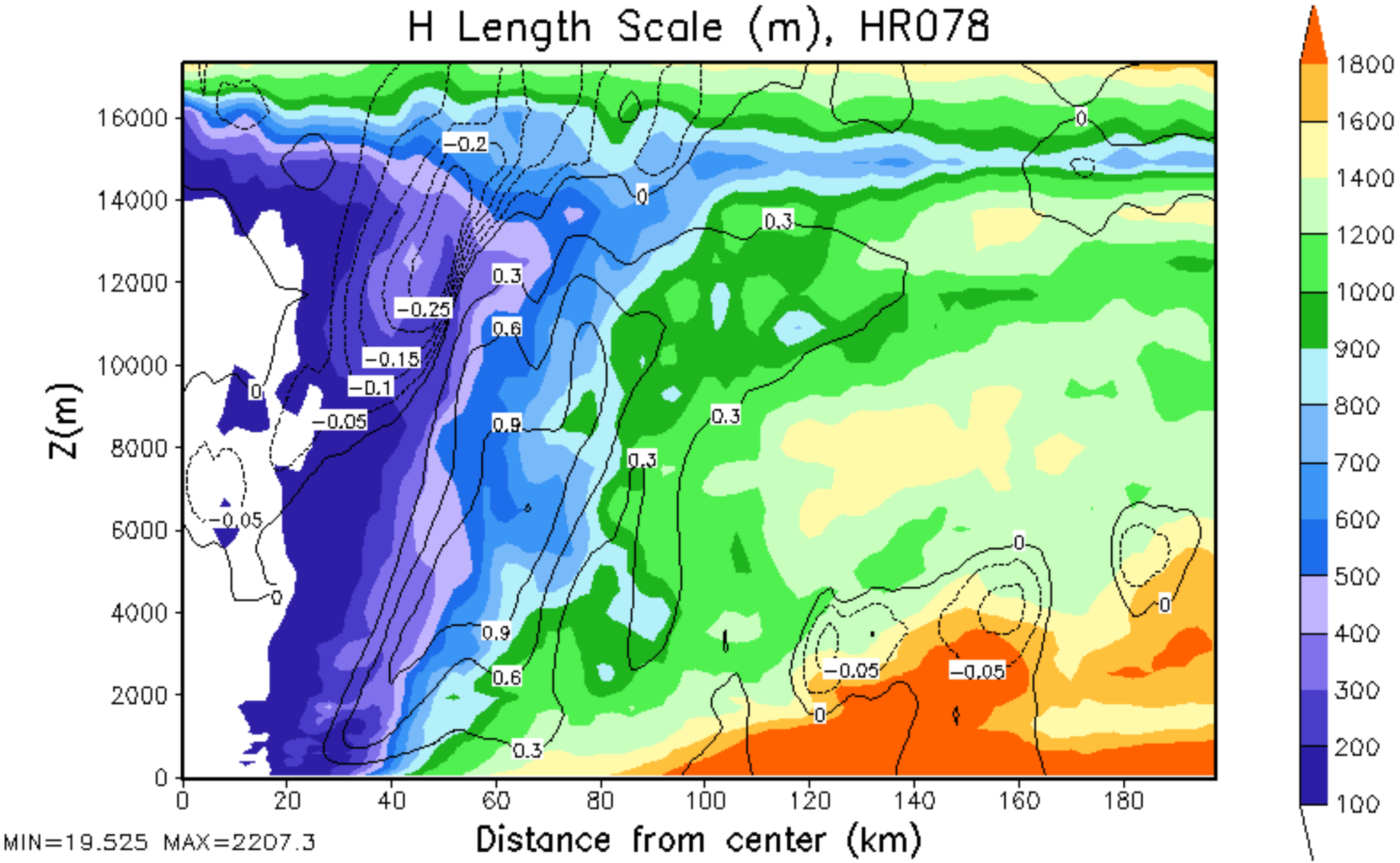
1400
1600
1800


H Length Scale (m), HR078
Z(m)
Distance from center (km)
MIN=19.525 MAX=2207.3
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4000
6000
8000
10000
12000
14000
16000
0
20
40
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80
100
120
140
160
180
100
200
300
400
500
600
700
800
900
1000
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1400
1600
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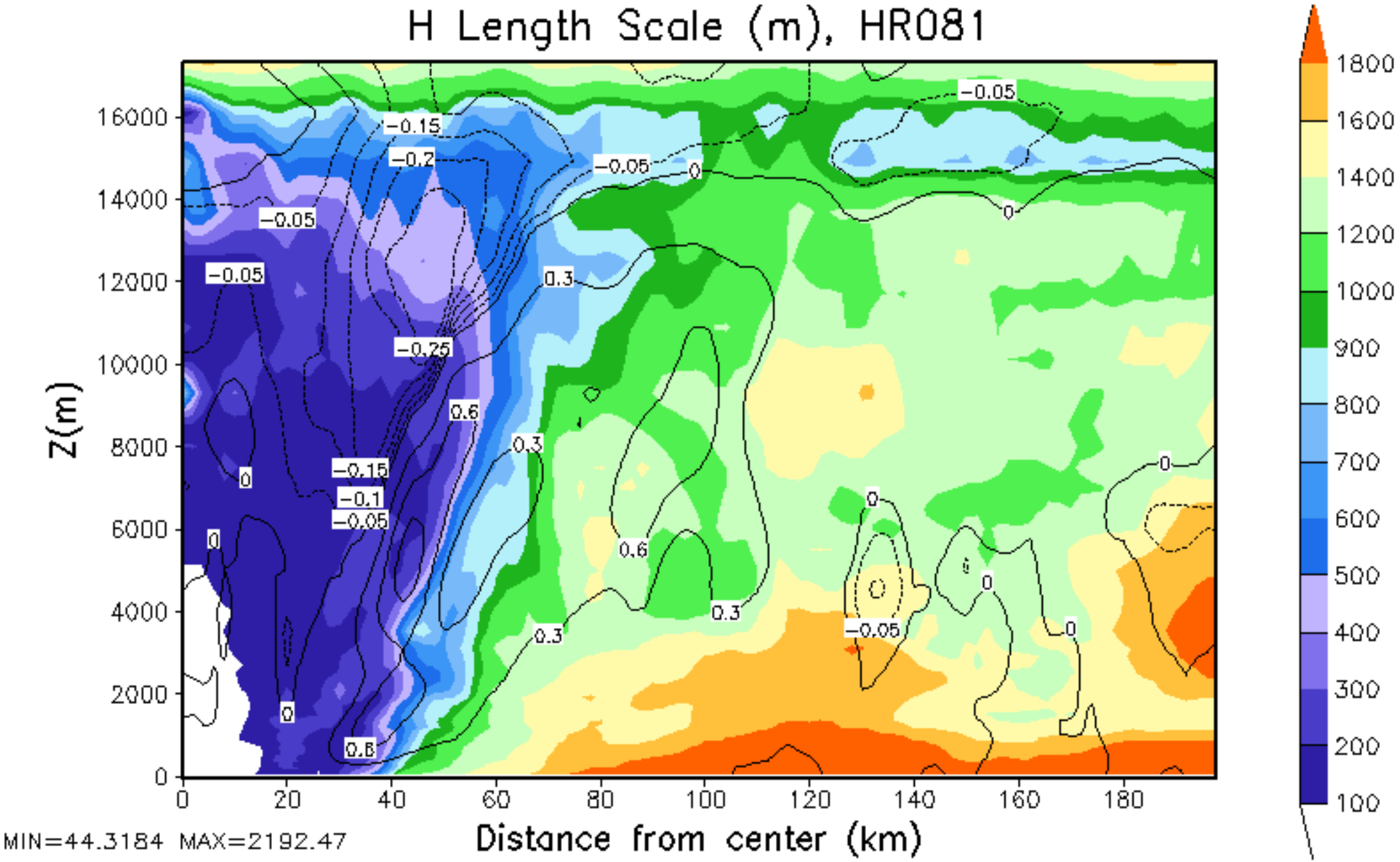
−0.2
−0.25
−0.15
−0.1
−0.05
0
0.3
0.6
0.9


H Length Scale (m), HR081
Z(m)
Distance from center (km)
MIN=44.3184 MAX=2192.47
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8000
10000
12000
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16000
0
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120
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160
180
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200
300
400
500
600
700
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900
1000
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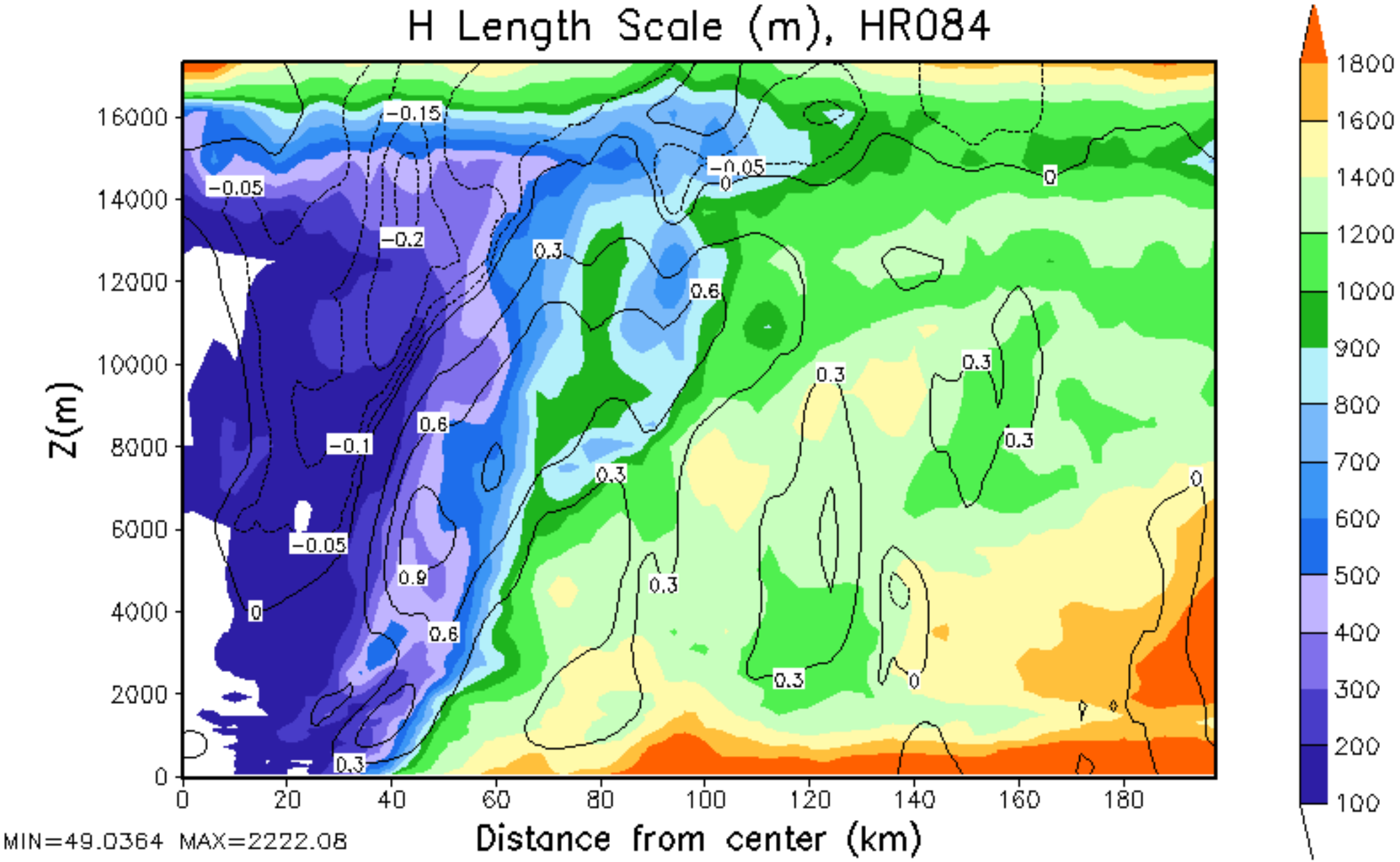
0.8


H Length Scale (m), HR084
Z(m)
Distance from center (km)
MIN=49.0364 MAX=2222.08
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8000
10000
12000
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16000
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100
120
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180
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500
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700
800
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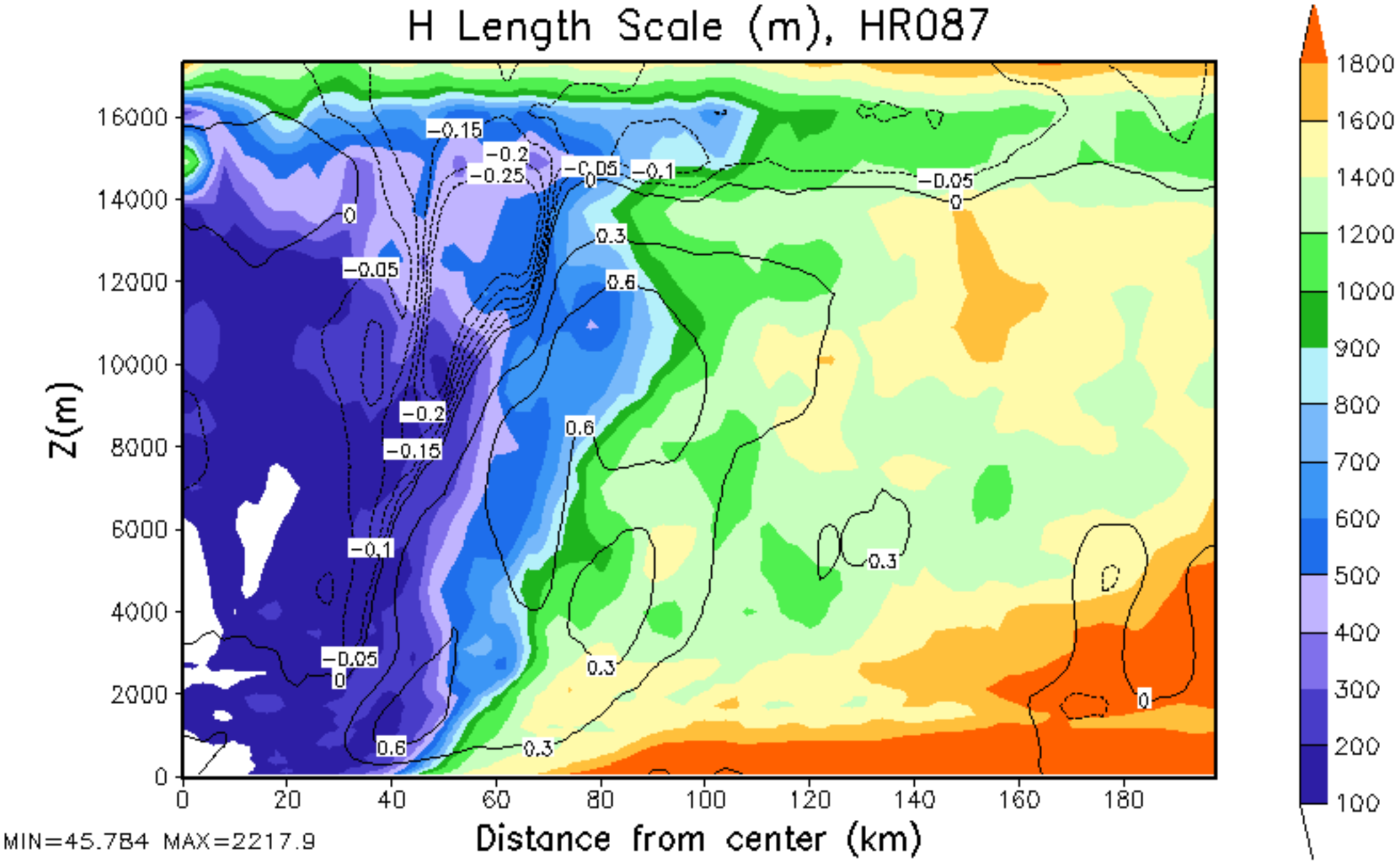
1600
1800
-0.15
-0.05
-0.2
-0.1
0.3
0.6
0.9
0


H Length Scale (m), HR087
Z(m)
Distance from center (km)
MIN=45.784 MAX=2217.9
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8000
10000
12000
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16000
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180
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200
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600
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800
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1400
1600
1800
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−0.25
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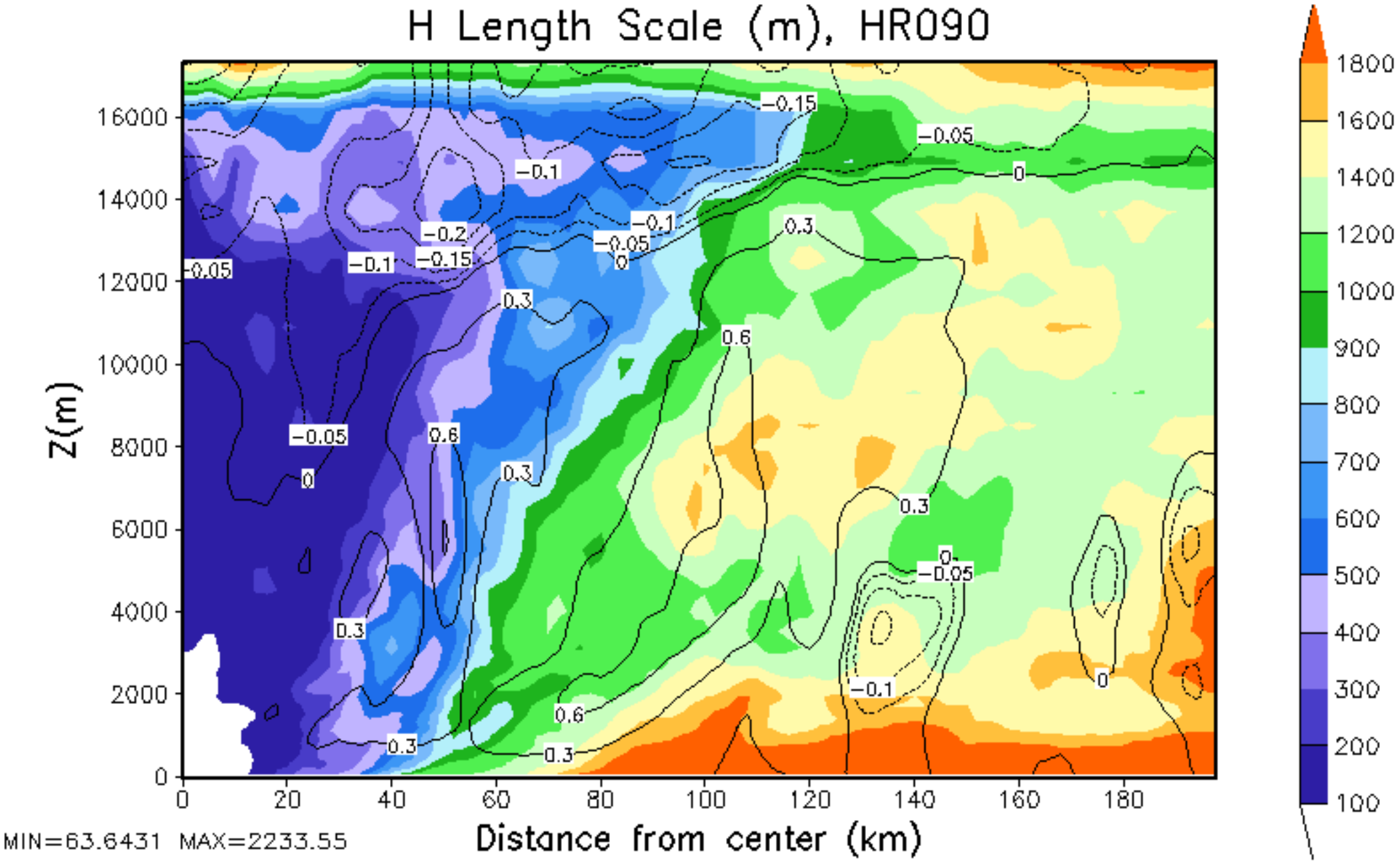
−0.1
0
0.3
0.6


H Length Scale (m), HR090
Z(m)
Distance from center (km)
MIN=63.6431 MAX=2233.55
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10000
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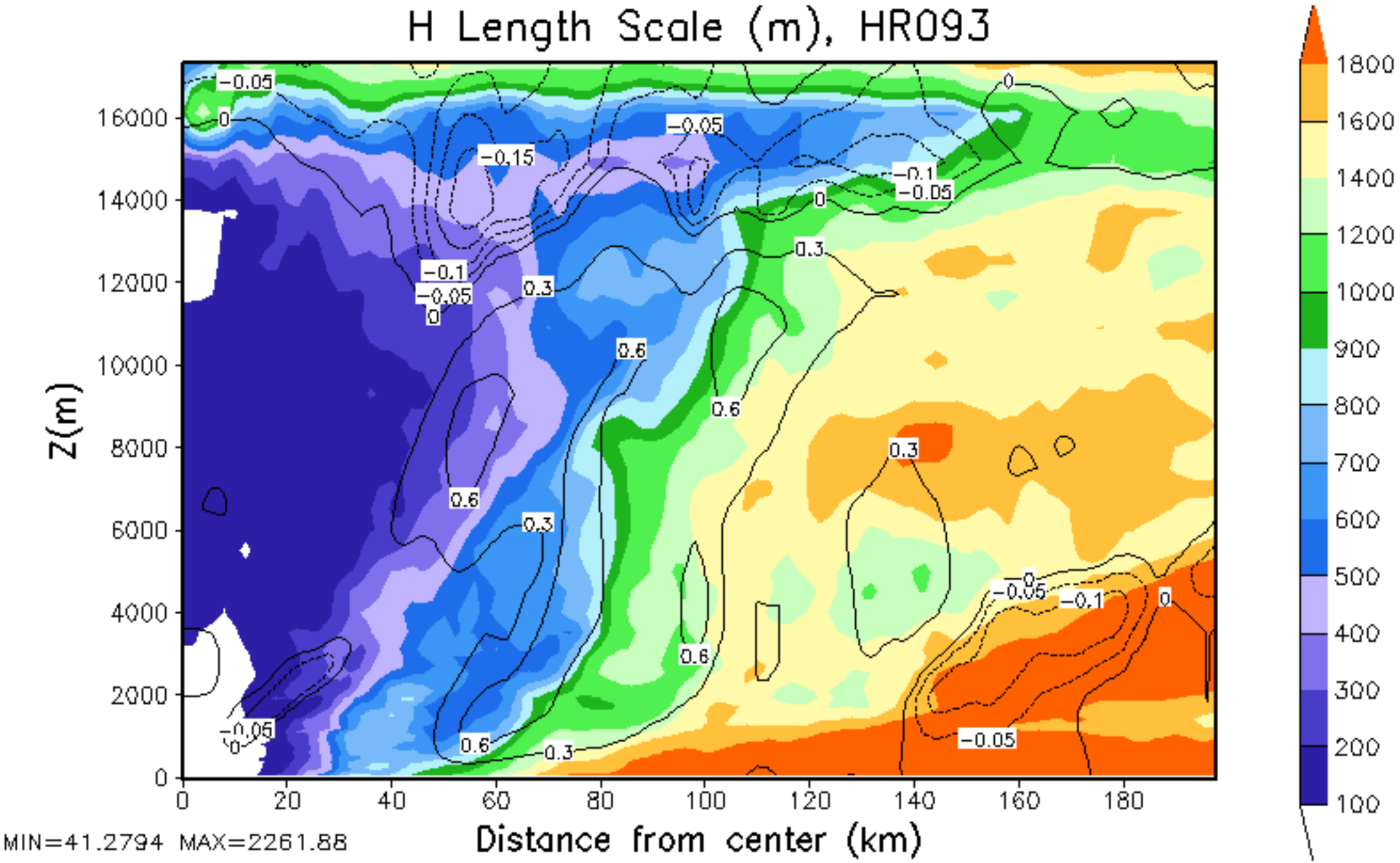
1400
1600
1800


H Length Scale (m), HR093
Z(m)
Distance from center (km)
MIN=41.2794 MAX=2261.88
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10000
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16000
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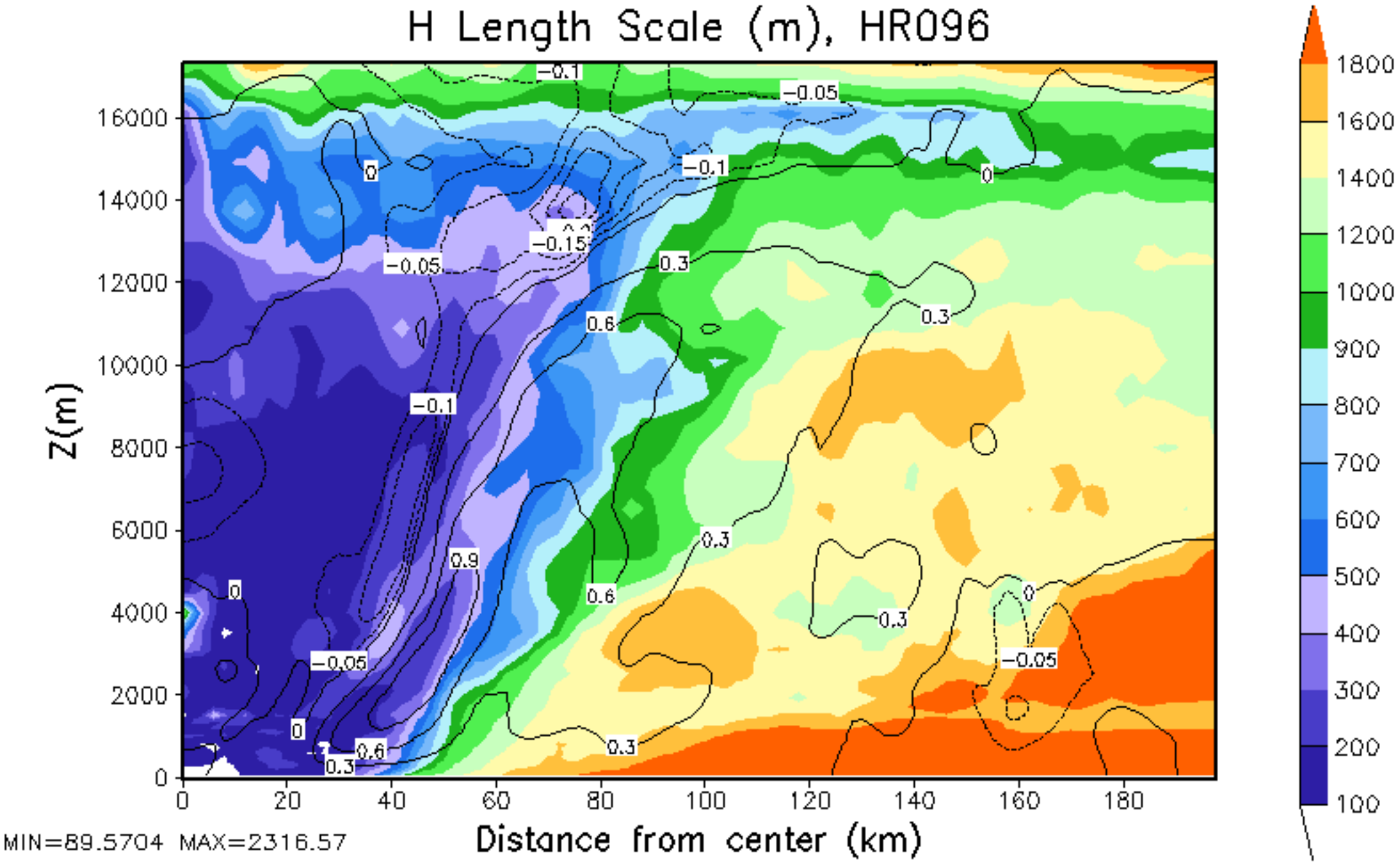
1600
1800


H Length Scale (m), HR096
Z(m)
Distance from center (km)
MIN=89.5704 MAX=2316.57
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4000
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8000
10000
12000
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16000
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100
120
140
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200
300
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1600
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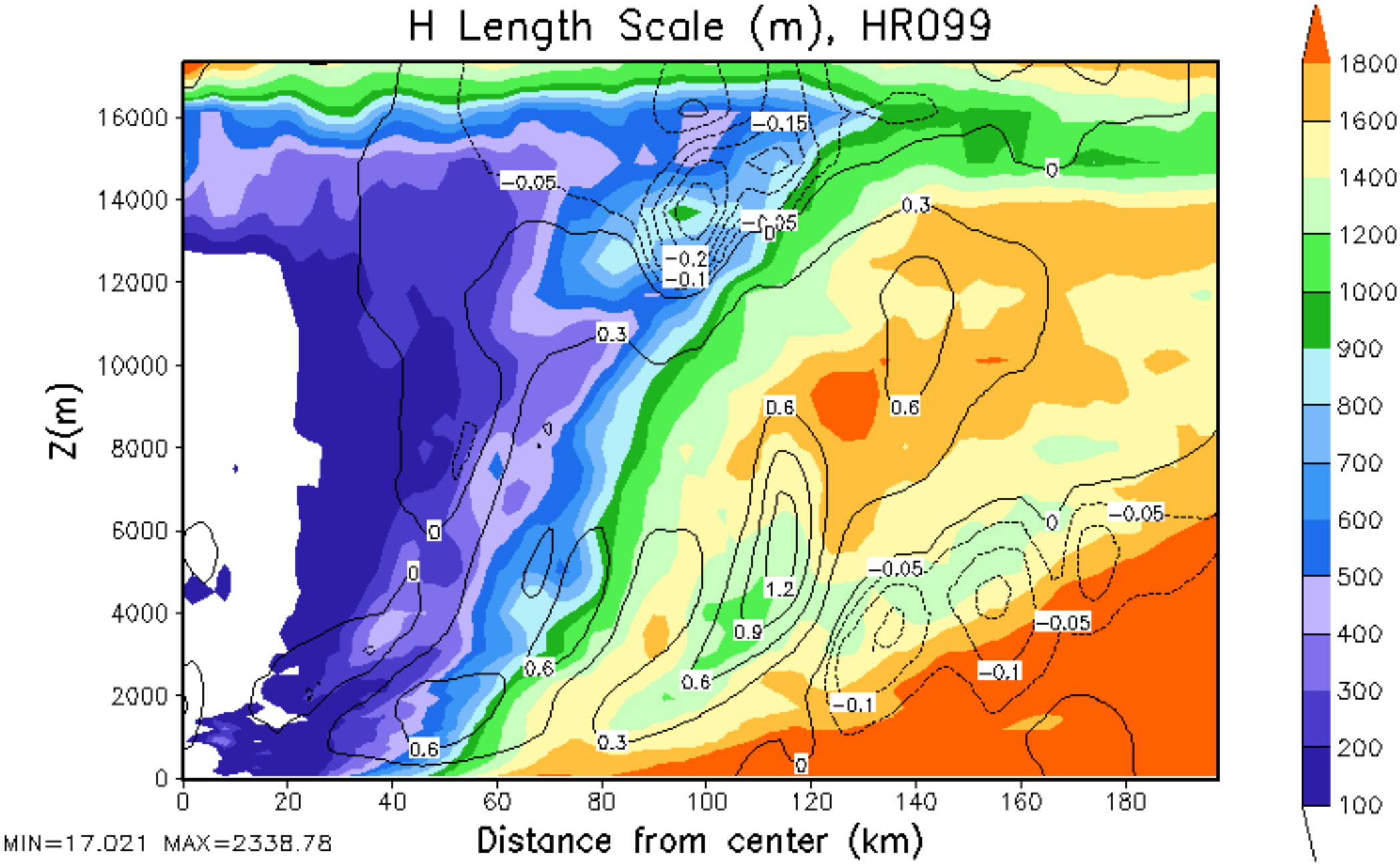
0
-0.15
0.3
0.6
0.9


H Length Scale (m), HR099
Z(m)
Distance from center (km)
MIN=17.021 MAX=2338.78
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6000
8000
10000
12000
14000
16000
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100
120
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200
300
400
500
600
700
800
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1400
1600
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0.3
−0.2
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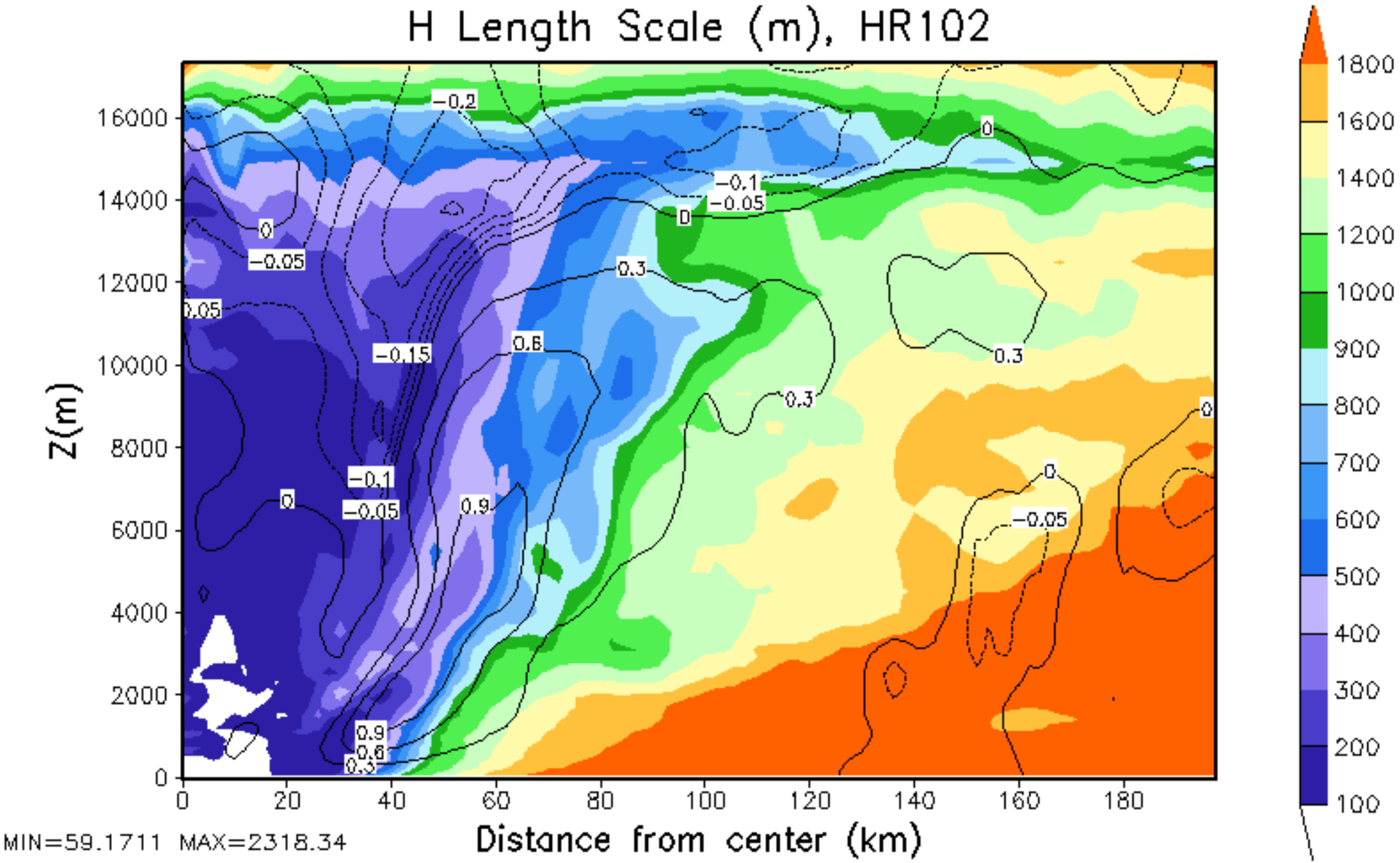
1.2
0.9
−0.05
−0.1


H Length Scale (m), HR102
Z(m)
Distance from center (km)
MIN=59.1711 MAX=2318.34
0
2000
4000
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10000
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14000
16000
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400
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600
700
800
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1600
1800
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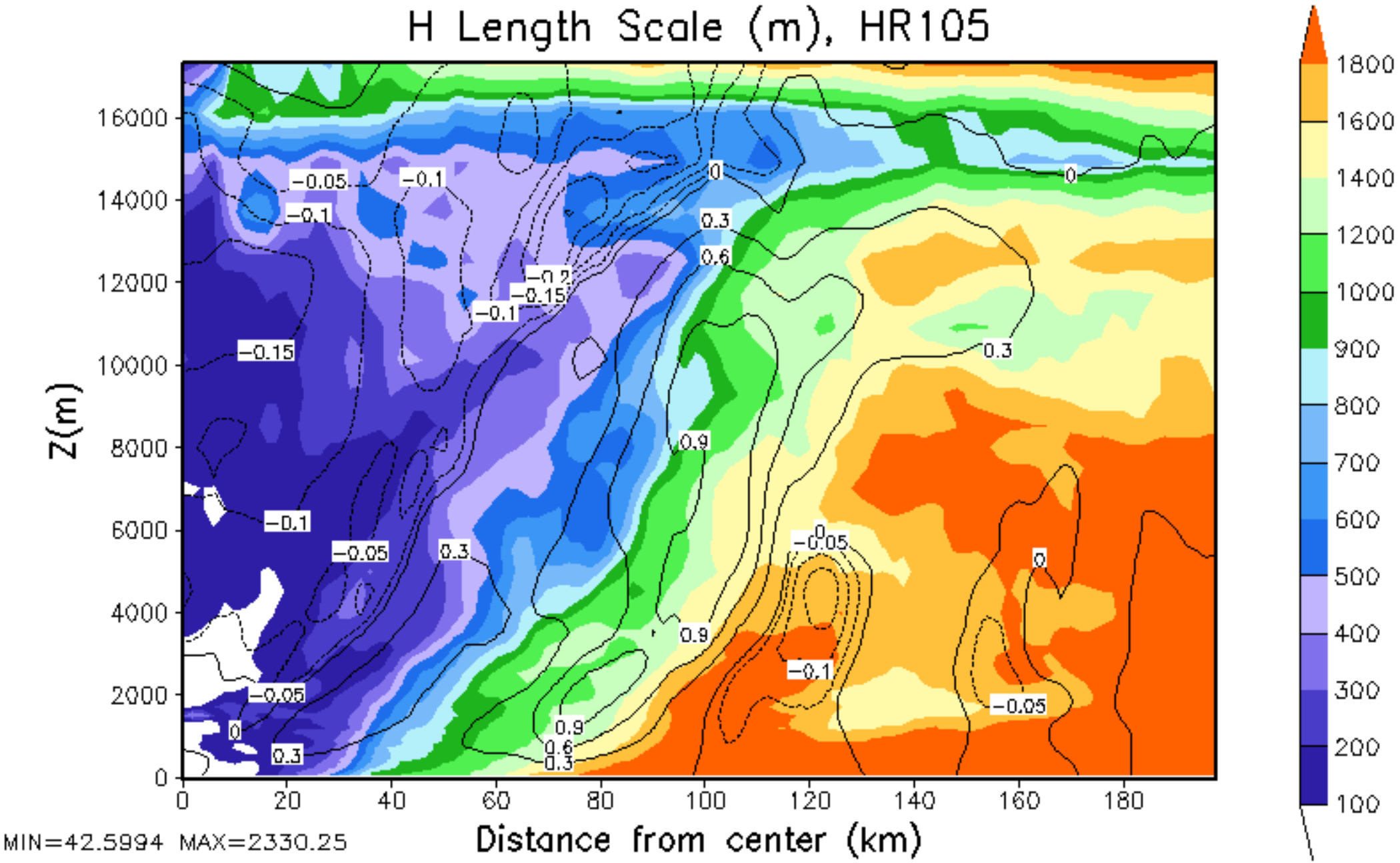
0
-0.1
-0.05
0.3
0.6
0.9
-0.15


H Length Scale (m), HR105
Z(m)
Distance from center (km)
MIN=42.5994 MAX=2330.25
0
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8000
10000
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14000
16000
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60
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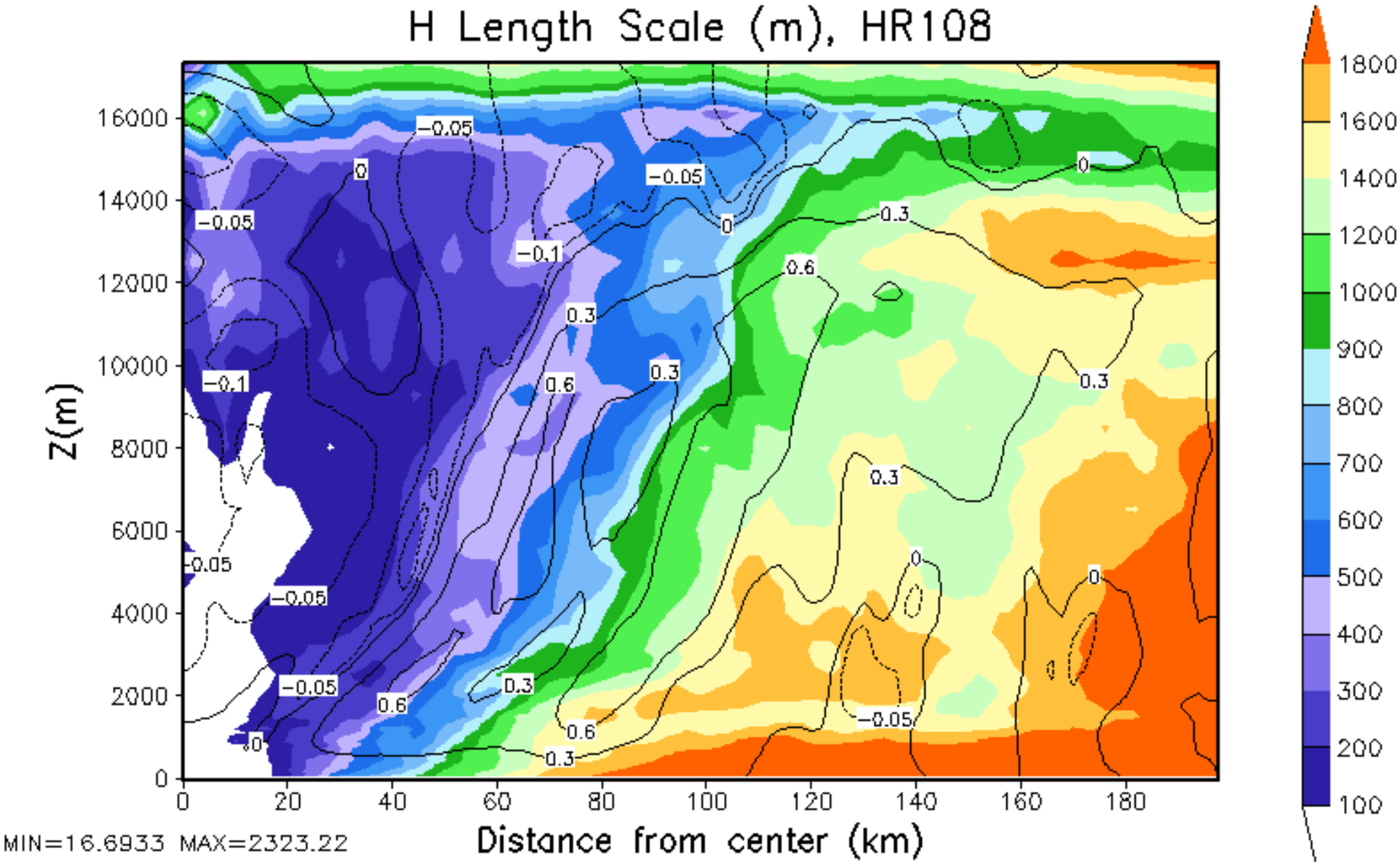
H Length Scale (m), HR108
Z(m)
Distance from center (km)
MIN=16.6933 MAX=2323.22
0
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6000
8000
10000
12000
14000
16000
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60
80
100
120
140
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180
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200
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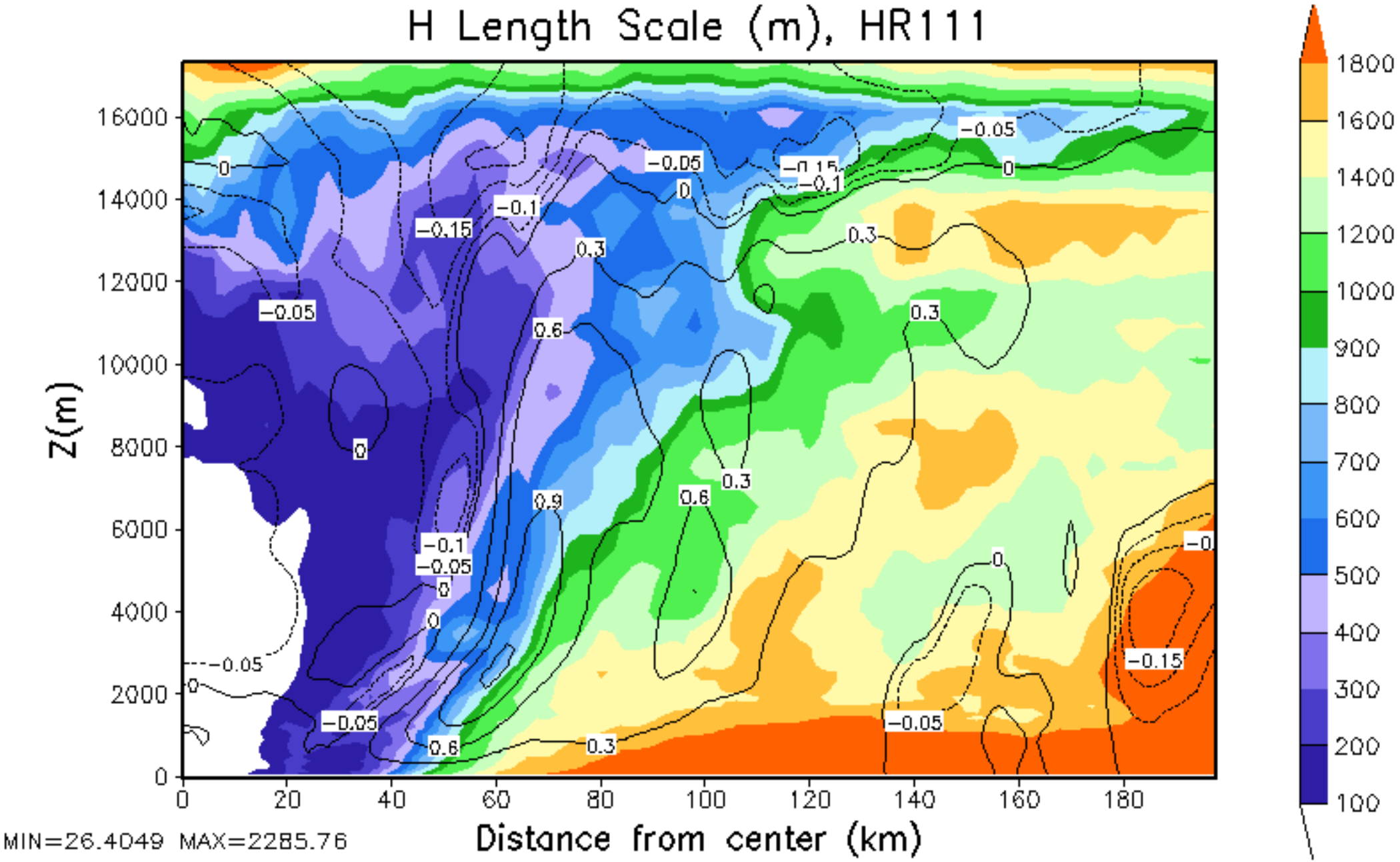
0.6


H Length Scale (m), HR111
Z(m)
Distance from center (km)
MIN=26.4049 MAX=2285.76
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8000
10000
12000
14000
16000
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120
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200
300
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500
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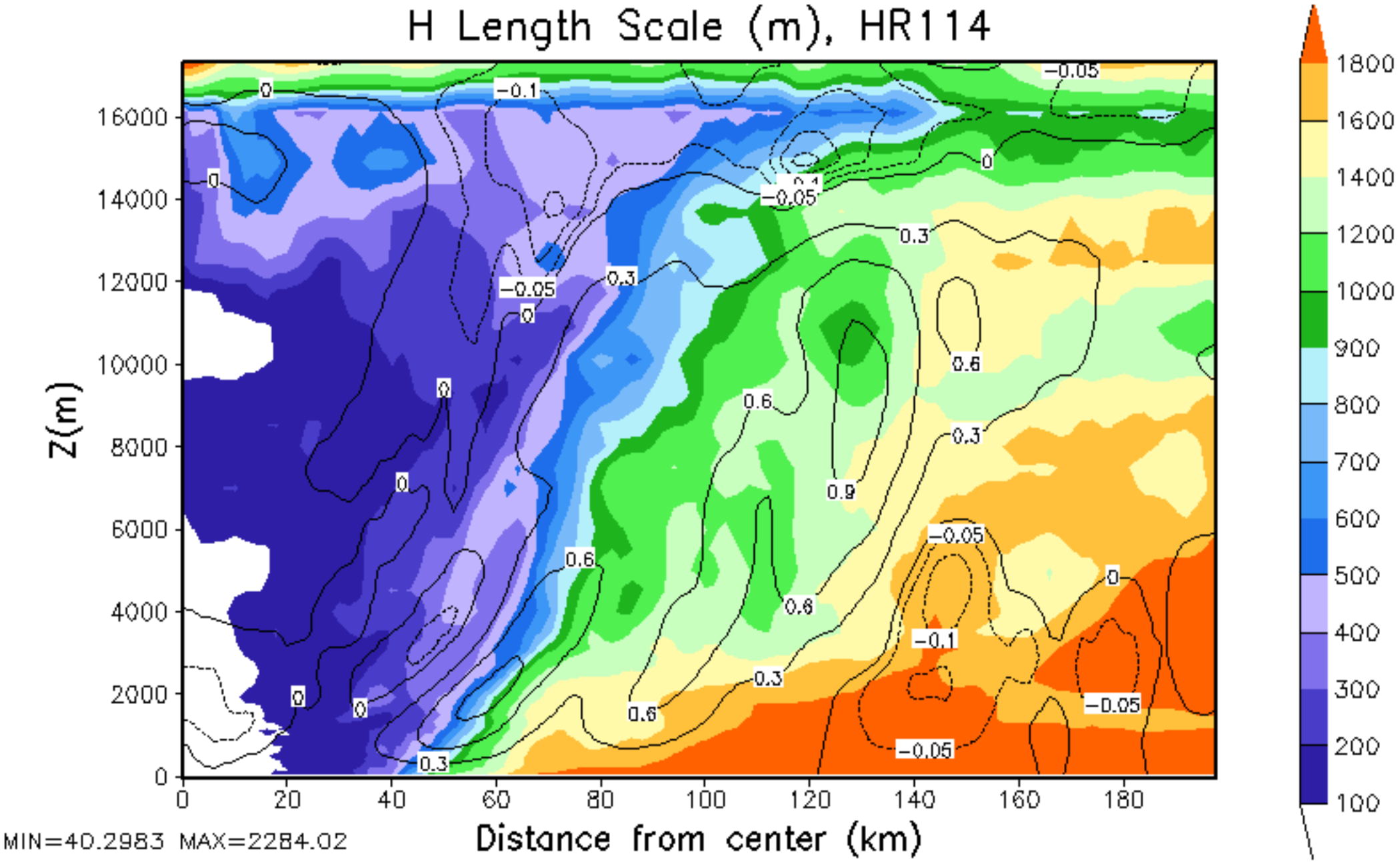
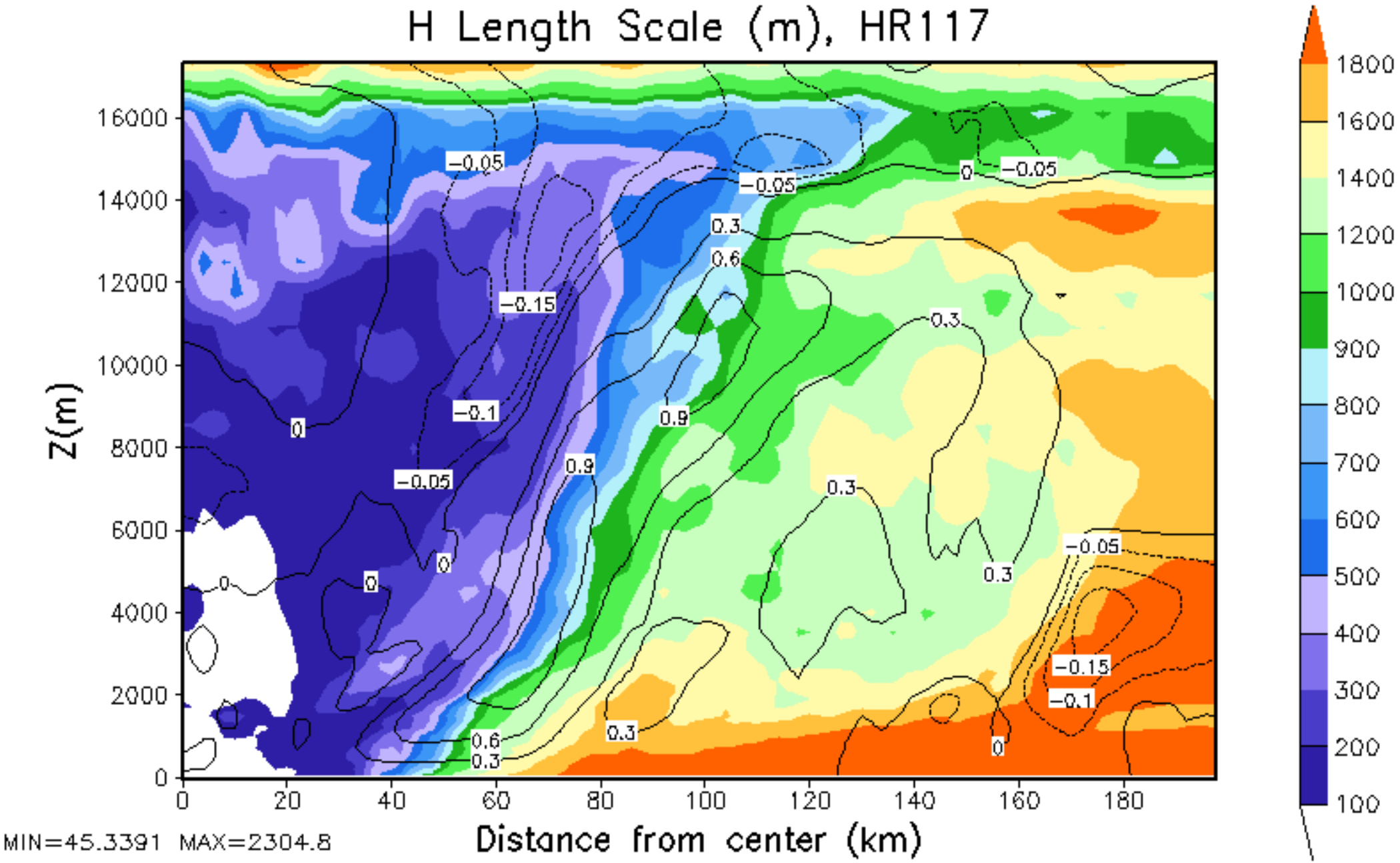
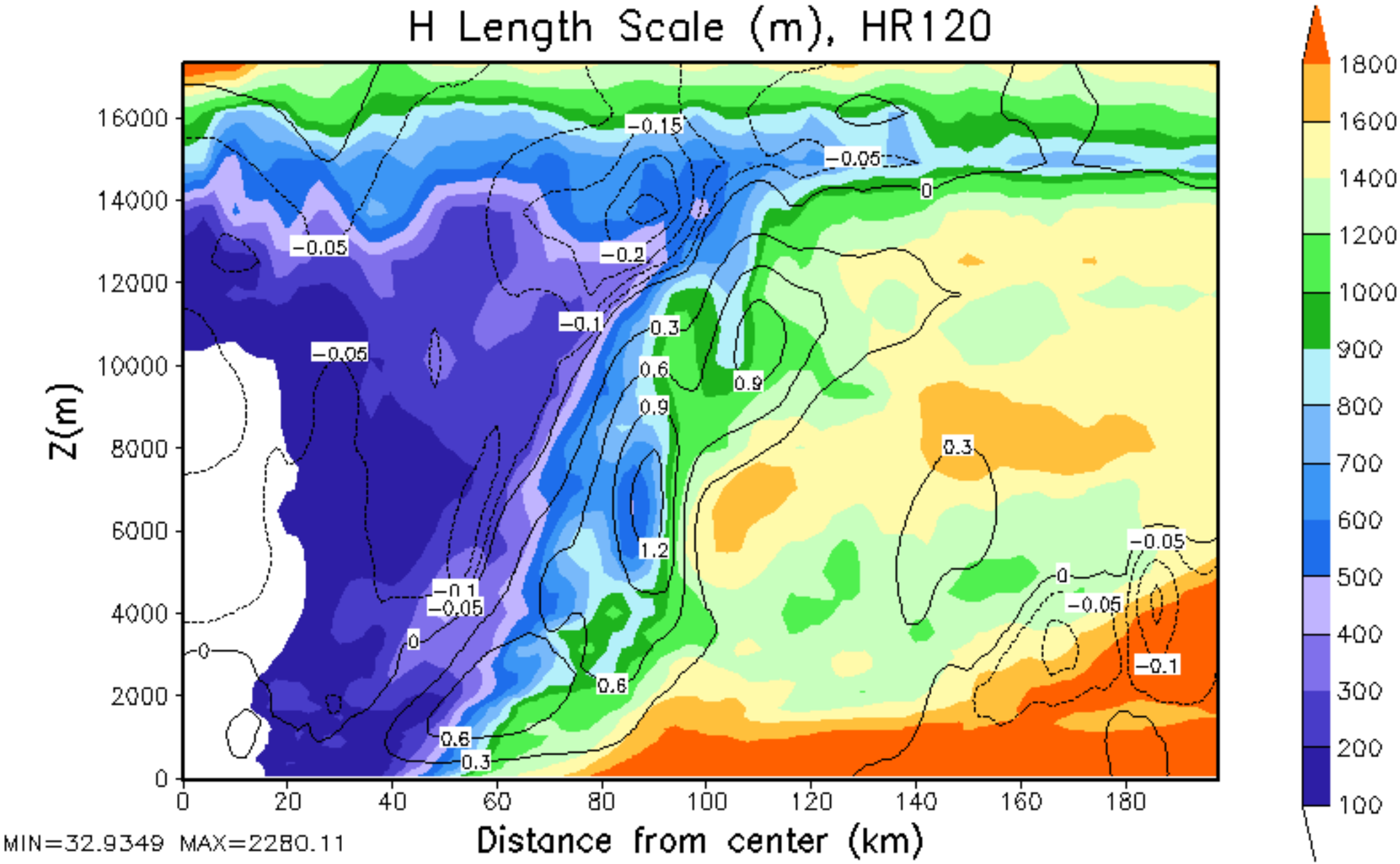
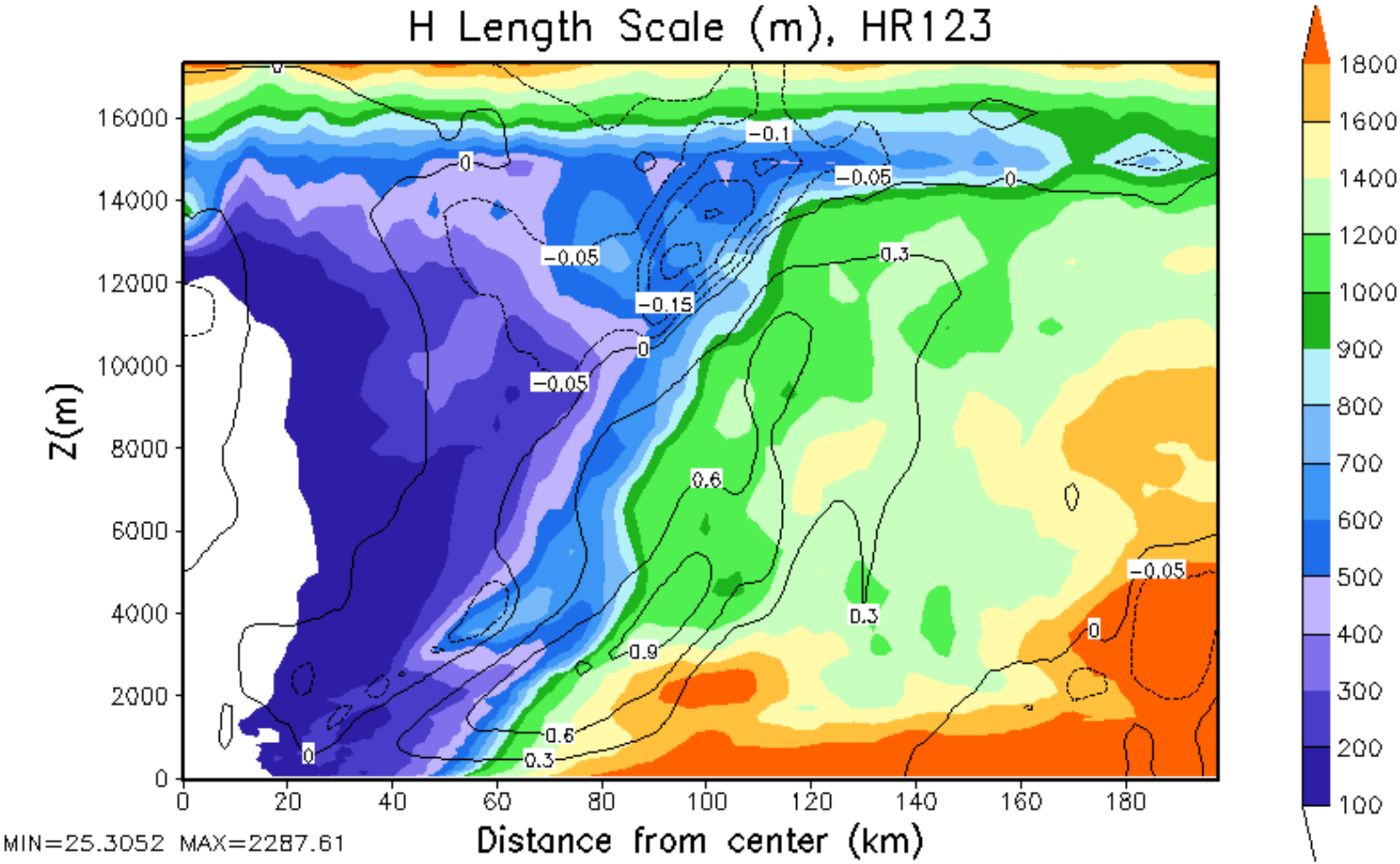
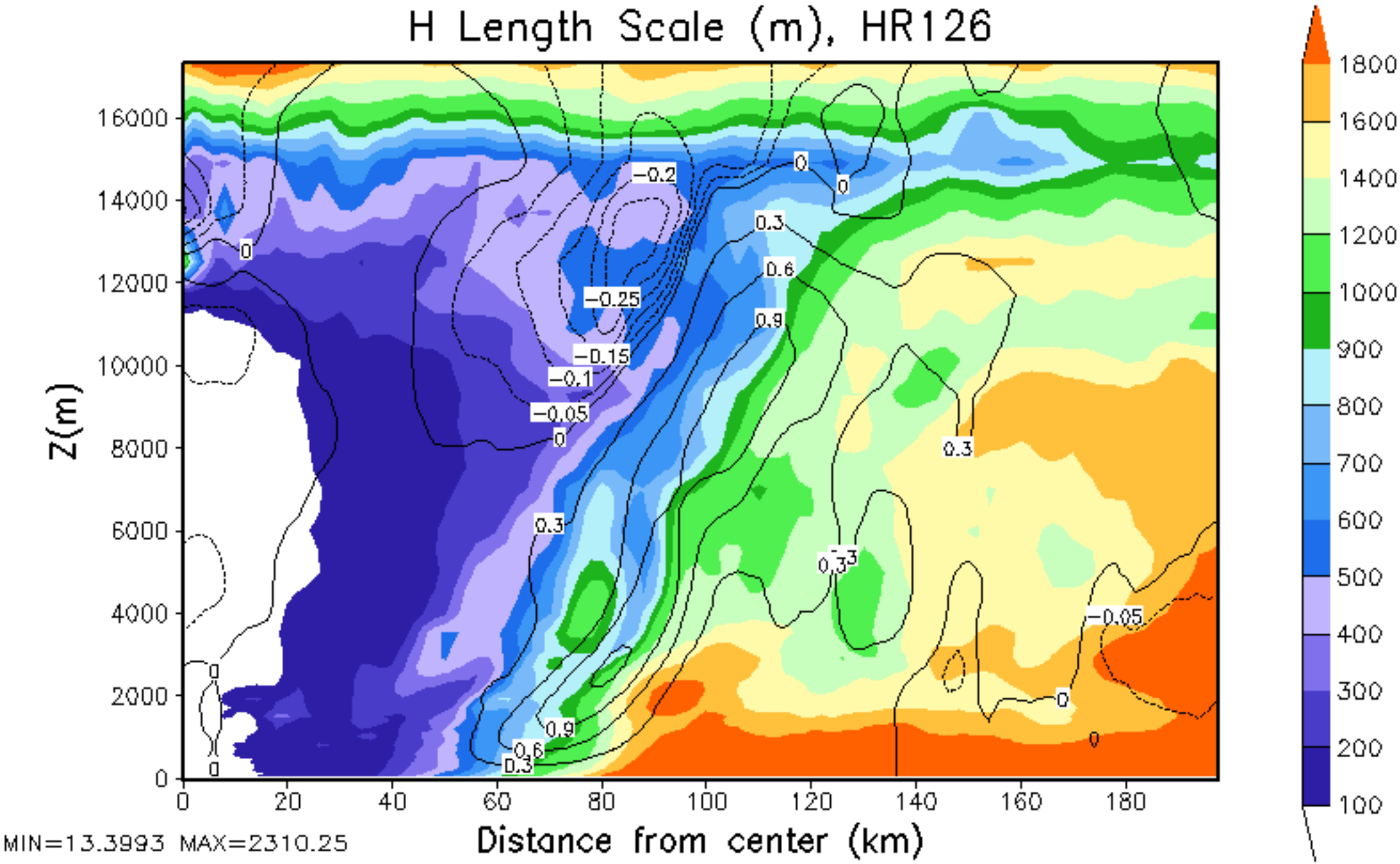
900
1000
1200
1400
1600
1800

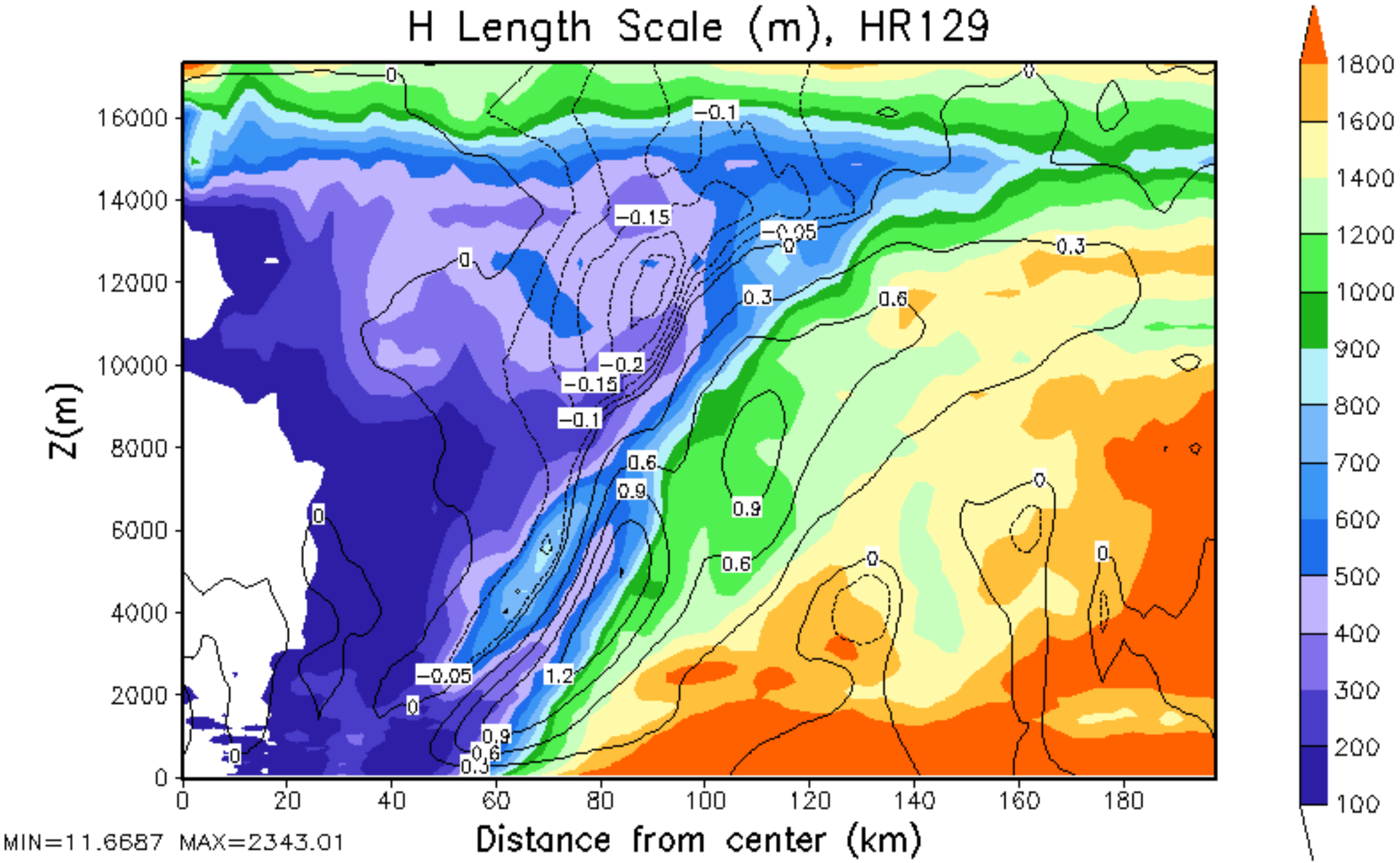

H Length Scale (m), HR114
Z(m)
Distance from center (km)
MIN=40.2983 MAX=2284.02
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
100
200
300
400
500
600
700
800
900
1000
1200
1400
1600
1800

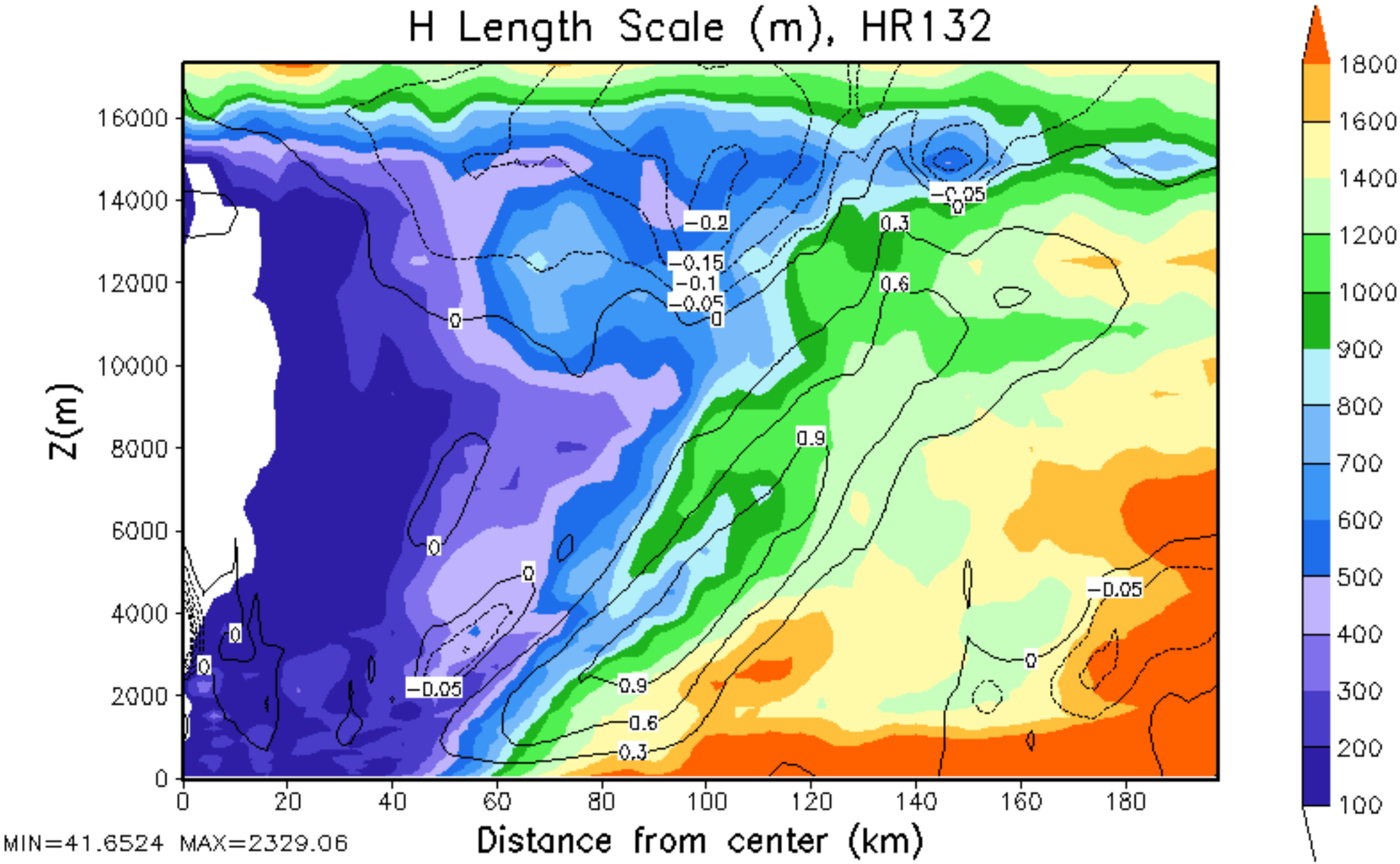

H Length Scale (m), HR117
Z(m)
Distance from center (km)
MIN=45.3391 MAX=2304.8
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
100
200
300
400
500
600
700
800
900
1000
1200
1400
1600
1800
−0.05
−0.15
−0.1
0
0.3
0.6
0.9

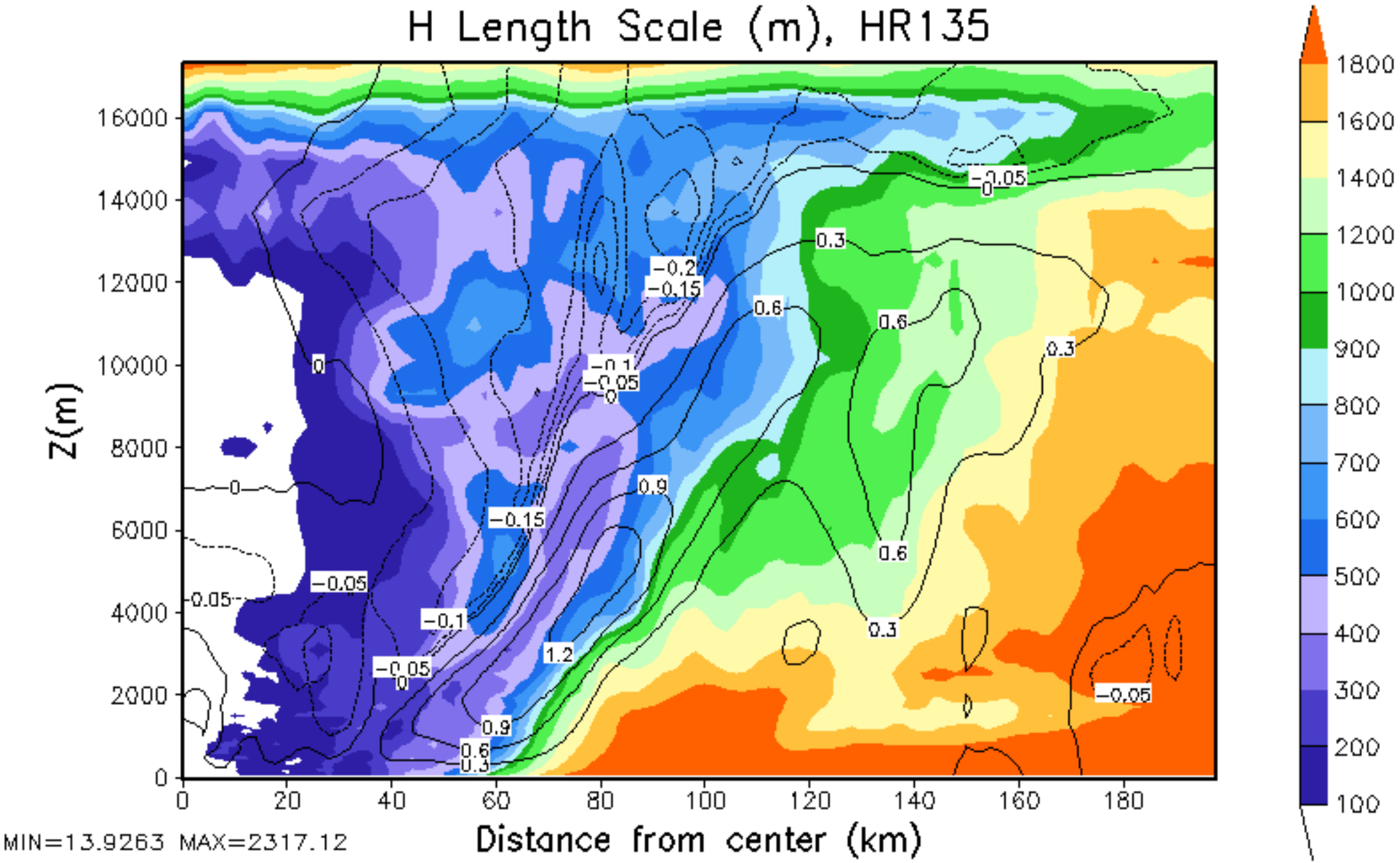

H Length Scale (m), HR120
Z(m)
Distance from center (km)
MIN=32.9349 MAX=2280.11
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
100
200
300
400
500
600
700
800
900
1000
1200
1400
1600
1800
-0.15
-0.05
0
-0.05
-0.2
-0.1
0.3
0.6
0.9
0.9
0.3
1.2
-0.05
0
-0.05
-0.1
-0.1
-0.05
0
0
0.6
0.6
0.3

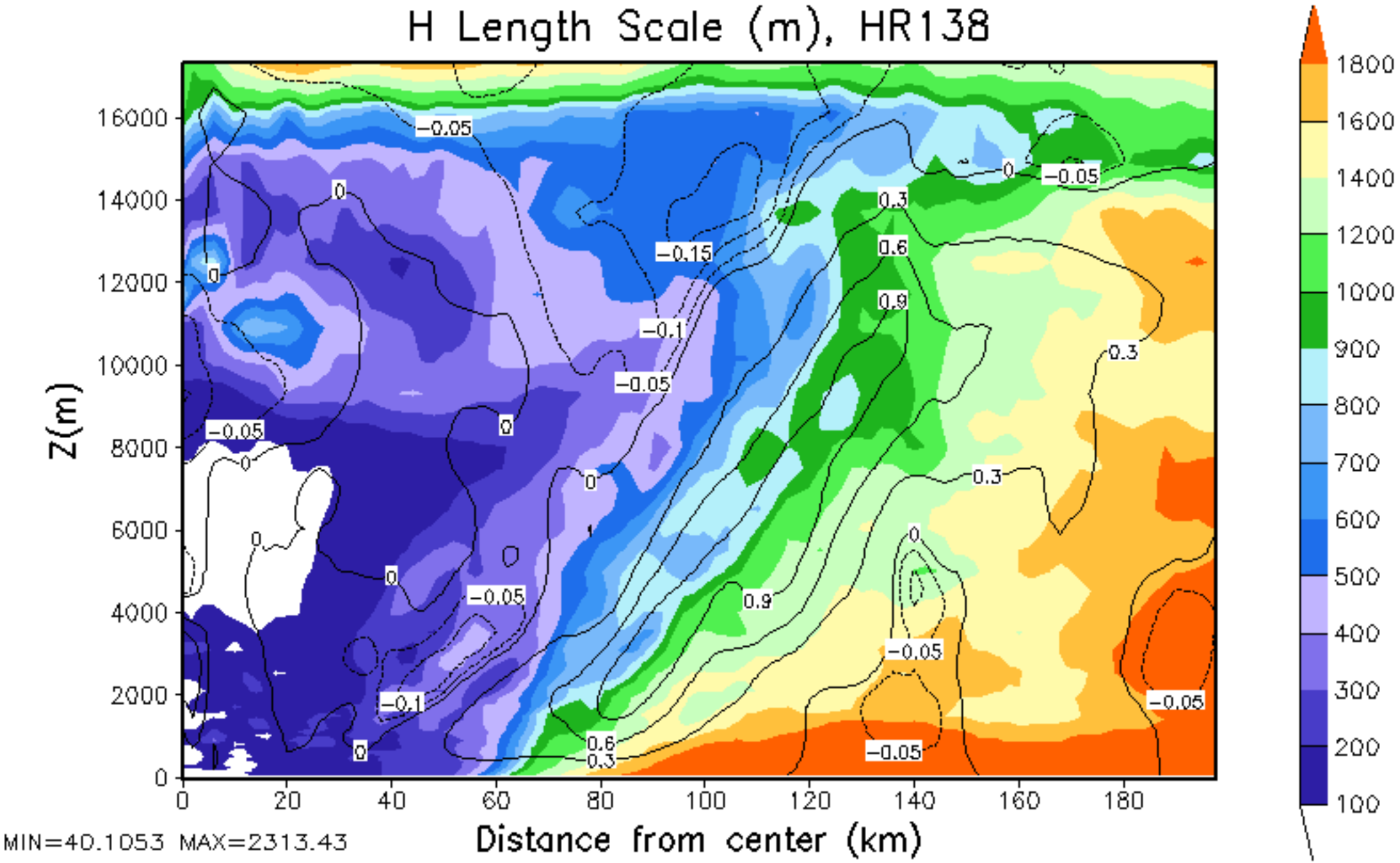

H Length Scale (m), HR123
Z(m)
Distance from center (km)
MIN=25.3052 MAX=2287.61
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
100
200
300
400
500
600
700
800
900
1000
1200
1400
1600
1800
-0.1
-0.05
0
0.3
-0.15
0.6
0.9

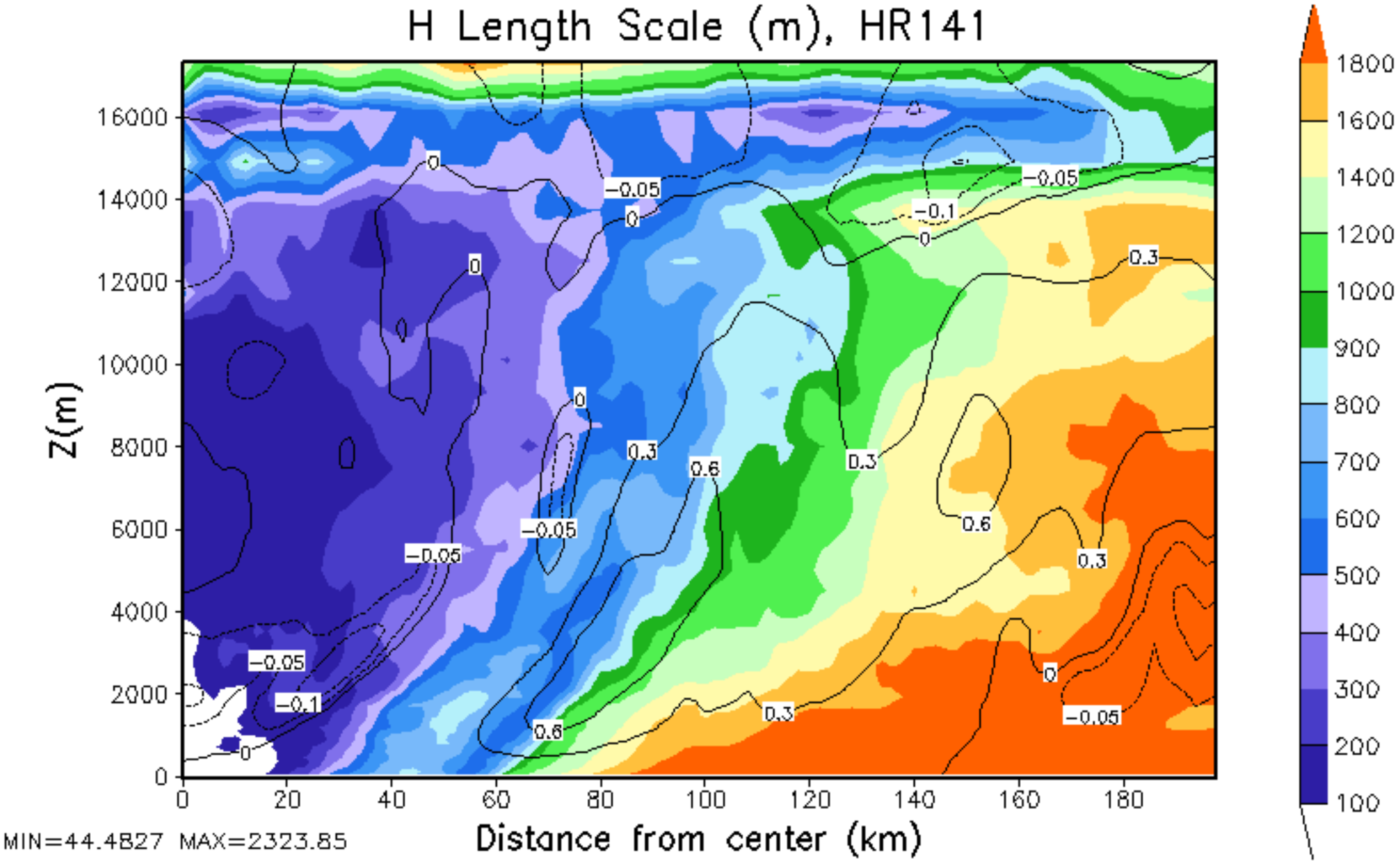

H Length Scale (m), HR126
Z(m)
Distance from center (km)
MIN=13.3993 MAX=2310.25
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
100
200
300
400
500
600
700
800
900
1000
1200
1400
1600
1800
-0.2
-0.25
-0.15
-0.1
-0.05
0.3
0.6
0.9

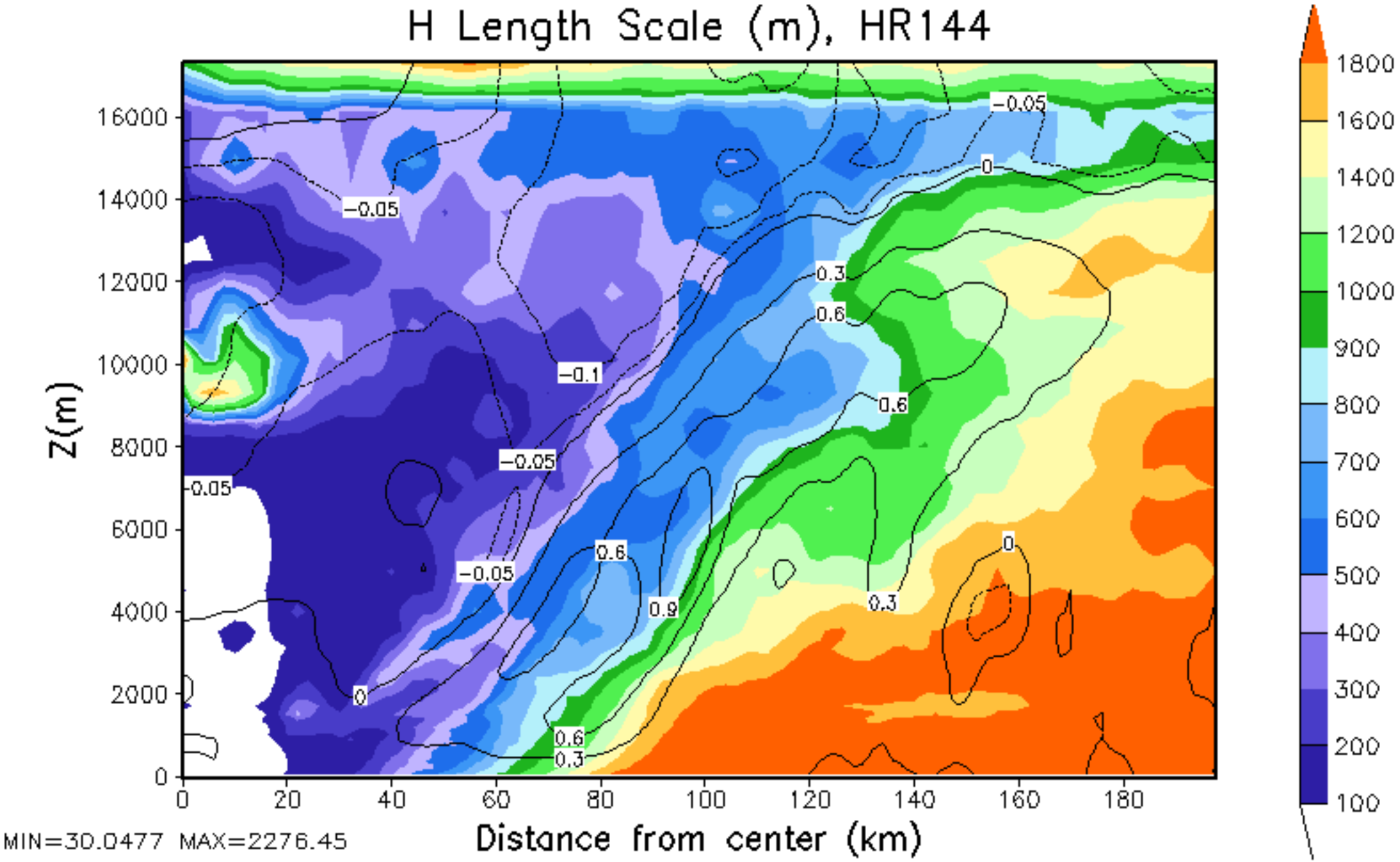

H Length Scale (m), HR129
Z(m)
Distance from center (km)
MIN=11.6687 MAX=2343.01
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
100
200
300
400
500
600
700
800
900
1000
1200
1400
1600
1800


H Length Scale (m), HR132
Z(m)
Distance from center (km)
MIN=41.6524 MAX=2329.06
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
100
200
300
400
500
600
700
800
900
1000
1200
1400
1600
1800
−0.2
−0.15
−0.1
−0.05
0
0.3
0.6
0.9
−0.05


H Length Scale (m), HR135
Z(m)
Distance from center (km)
MIN=13.9263 MAX=2317.12
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
100
200
300
400
500
600
700
800
900
1000
1200
1400
1600
1800


H Length Scale (m), HR138
Z(m)
Distance from center (km)
MIN=40.1053 MAX=2313.43
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
100
200
300
400
500
600
700
800
900
1000
1200
1400
1600
1800


H Length Scale (m), HR141
Z(m)
Distance from center (km)
MIN=44.4827 MAX=2323.85
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
100
200
300
400
500
600
700
800
900
1000
1200
1400
1600
1800
-0.05
-0.1
0
0.3
0.6


H Length Scale (m), HR144
Z(m)
Distance from center (km)
MIN=30.0477 MAX=2276.45
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
100
200
300
400
500
600
700
800
900
1000
1200
1400
1600
1800
-0.05
-0.1
0
0.3
0.6
0.9