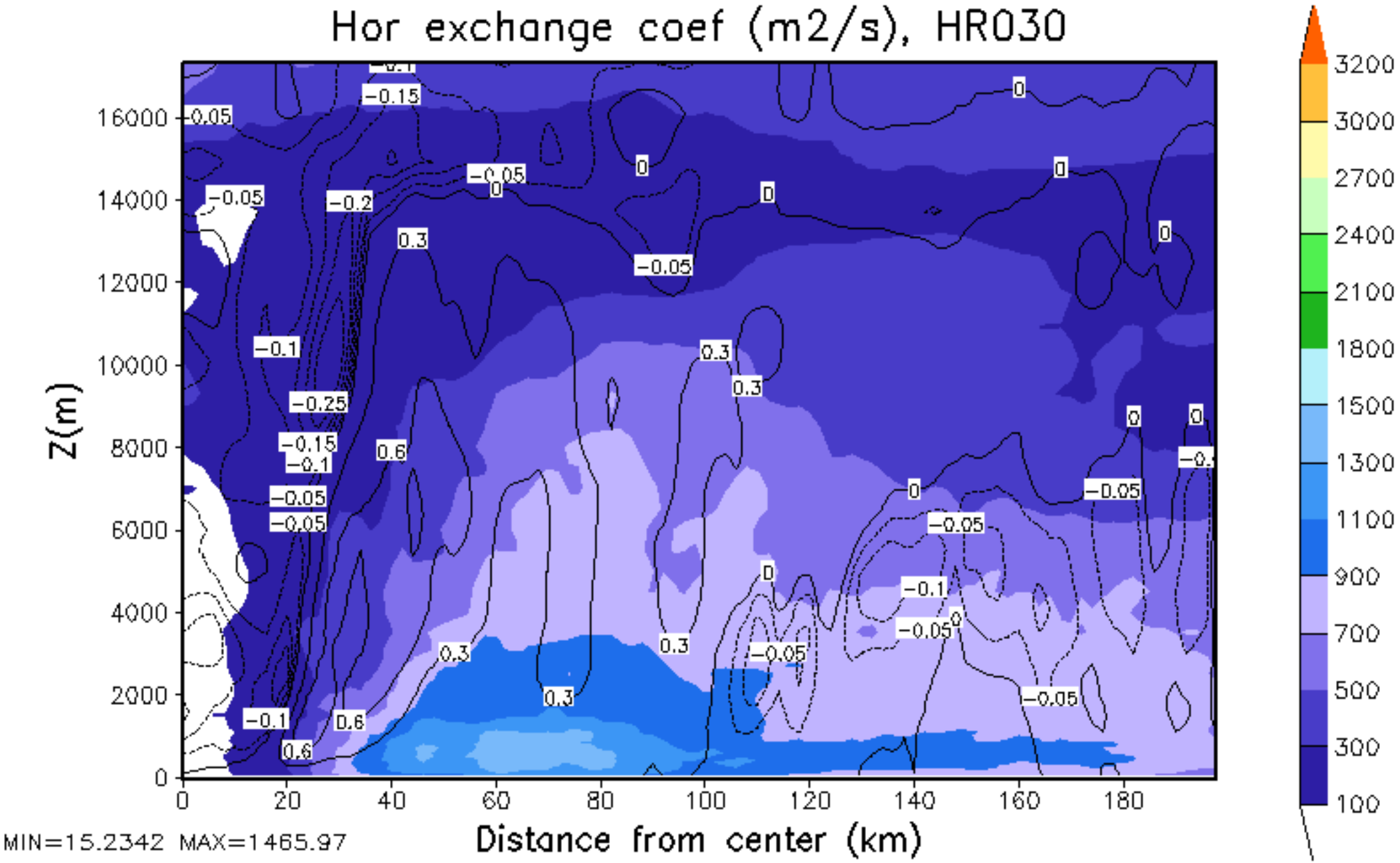
Hor exchange coef (m2/s), HR030
Z(m)
Distance from center (km)
MIN=15.2342 MAX=1465.97
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
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1300
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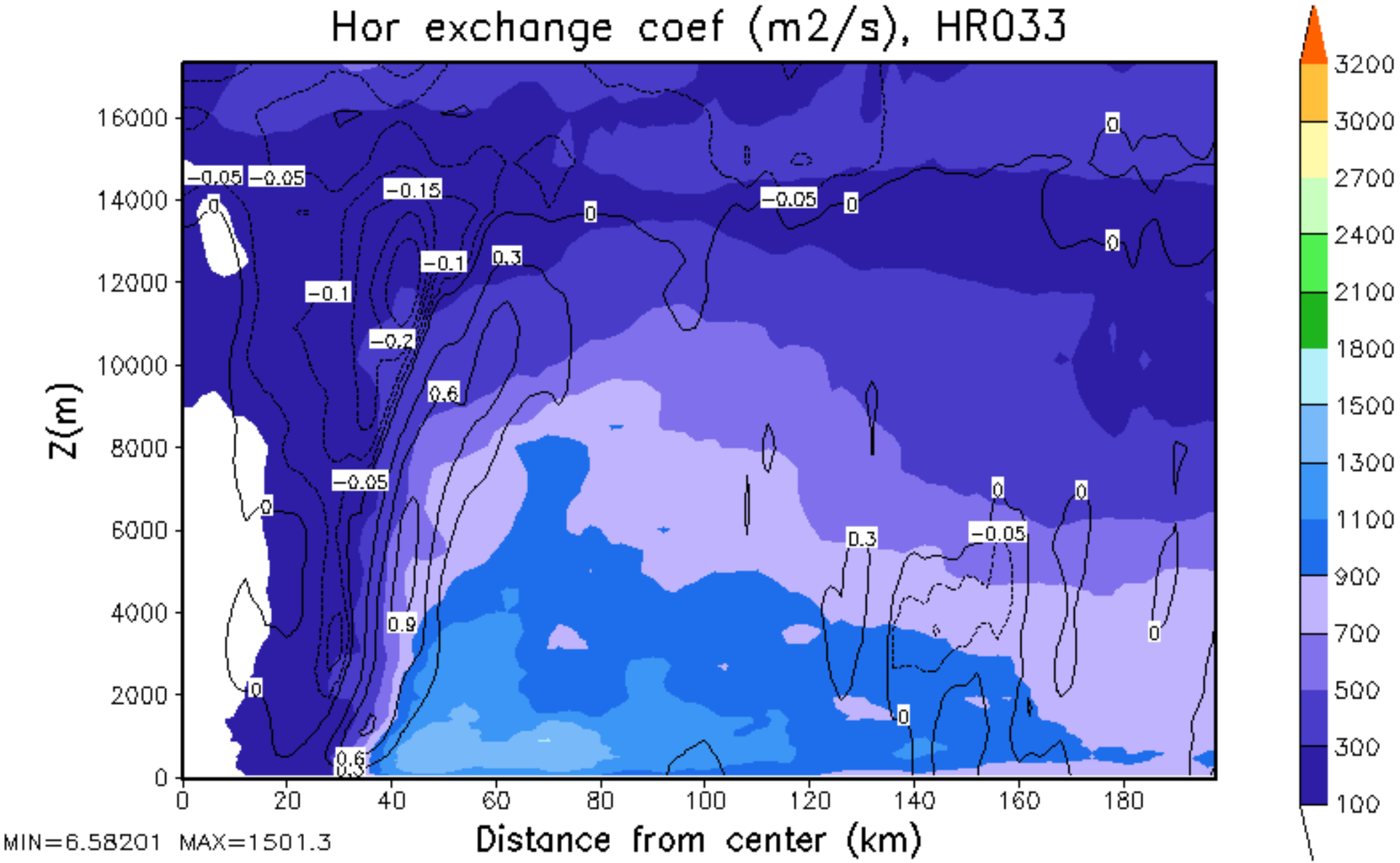
Hor exchange coef (m2/s), HR033
Z(m)
Distance from center (km)
MIN=6.58201 MAX=1501.3
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
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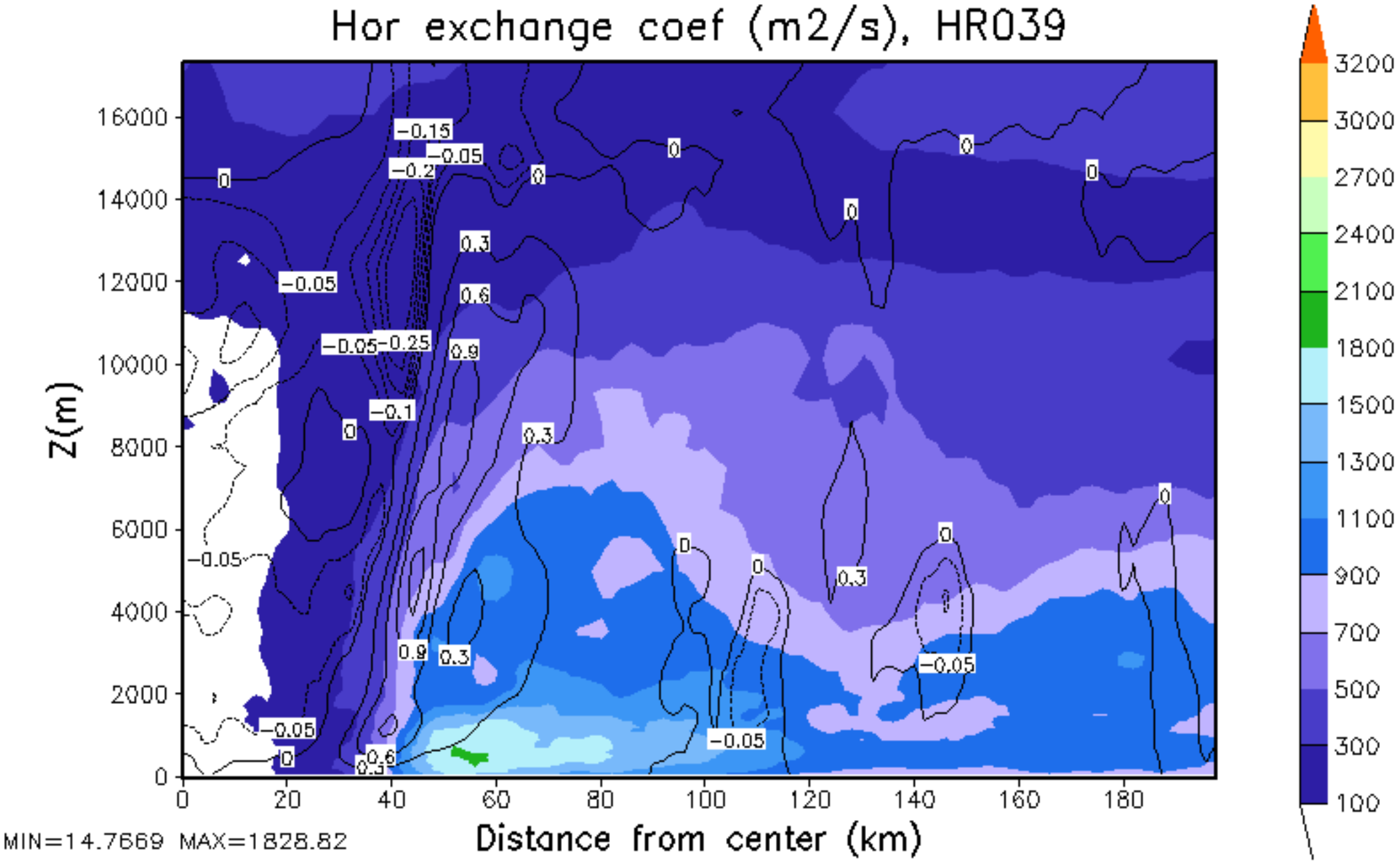
-0.05
-0.15
-0.1
-0.2
0.3
0.6
0.9

MIN= MAX=


Hor exchange coef (m2/s), HR039
Z(m)
Distance from center (km)
MIN=14.7669 MAX=1828.82
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
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180
3200
3000
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2400
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1500
1300
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700
500
300
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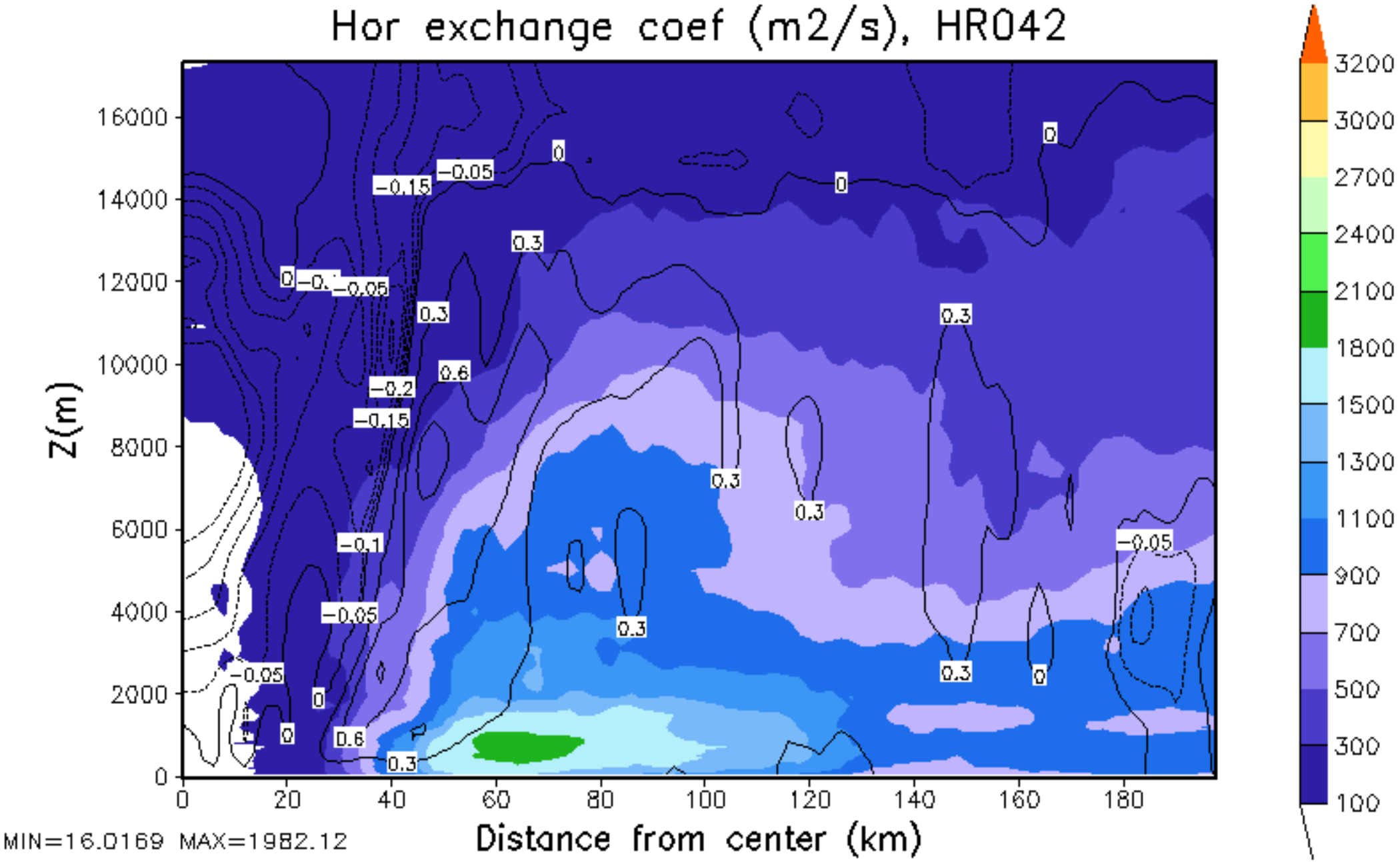
Hor exchange coef (m2/s), HR042
Z(m)
Distance from center (km)
MIN=16.0169 MAX=1982.12
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
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3000
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2400
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300
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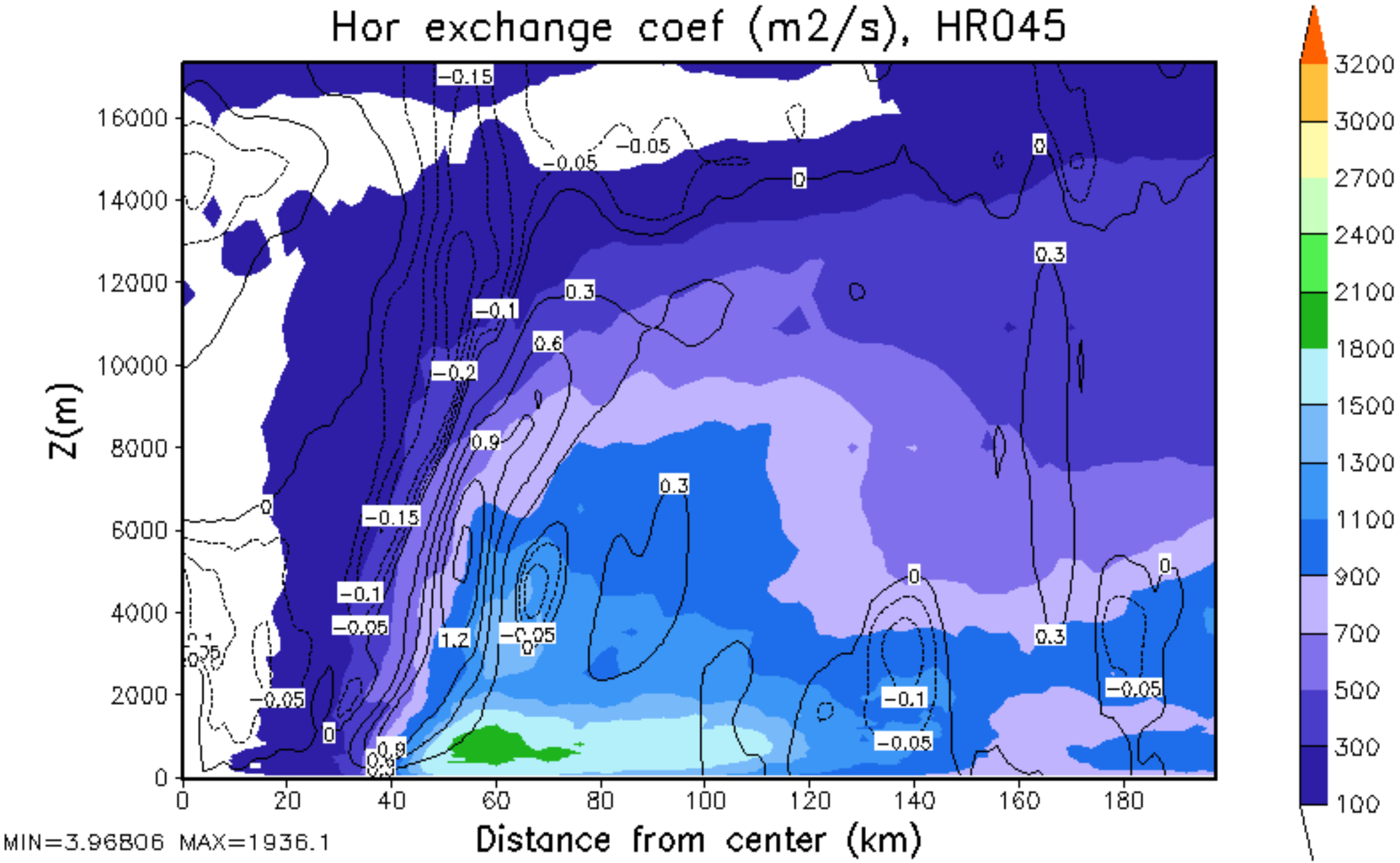
Hor exchange coef (m2/s), HR045
Z(m)
Distance from center (km)
MIN=3.96806 MAX=1936.1
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
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2400
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1300
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300
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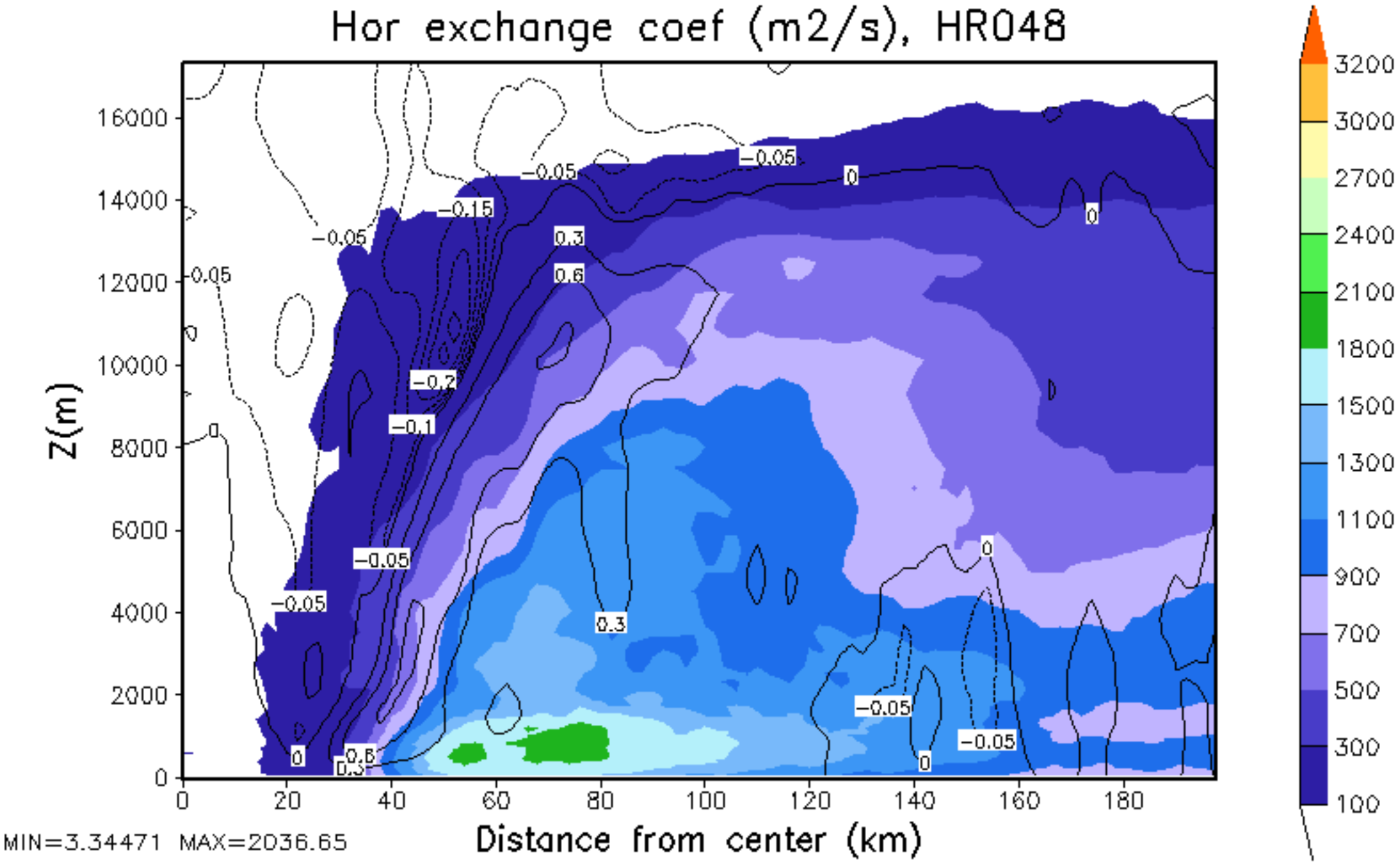
Hor exchange coef (m2/s), HR048
Z(m)
Distance from center (km)
MIN=3.34471 MAX=2036.65
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
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1100
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700
500
300
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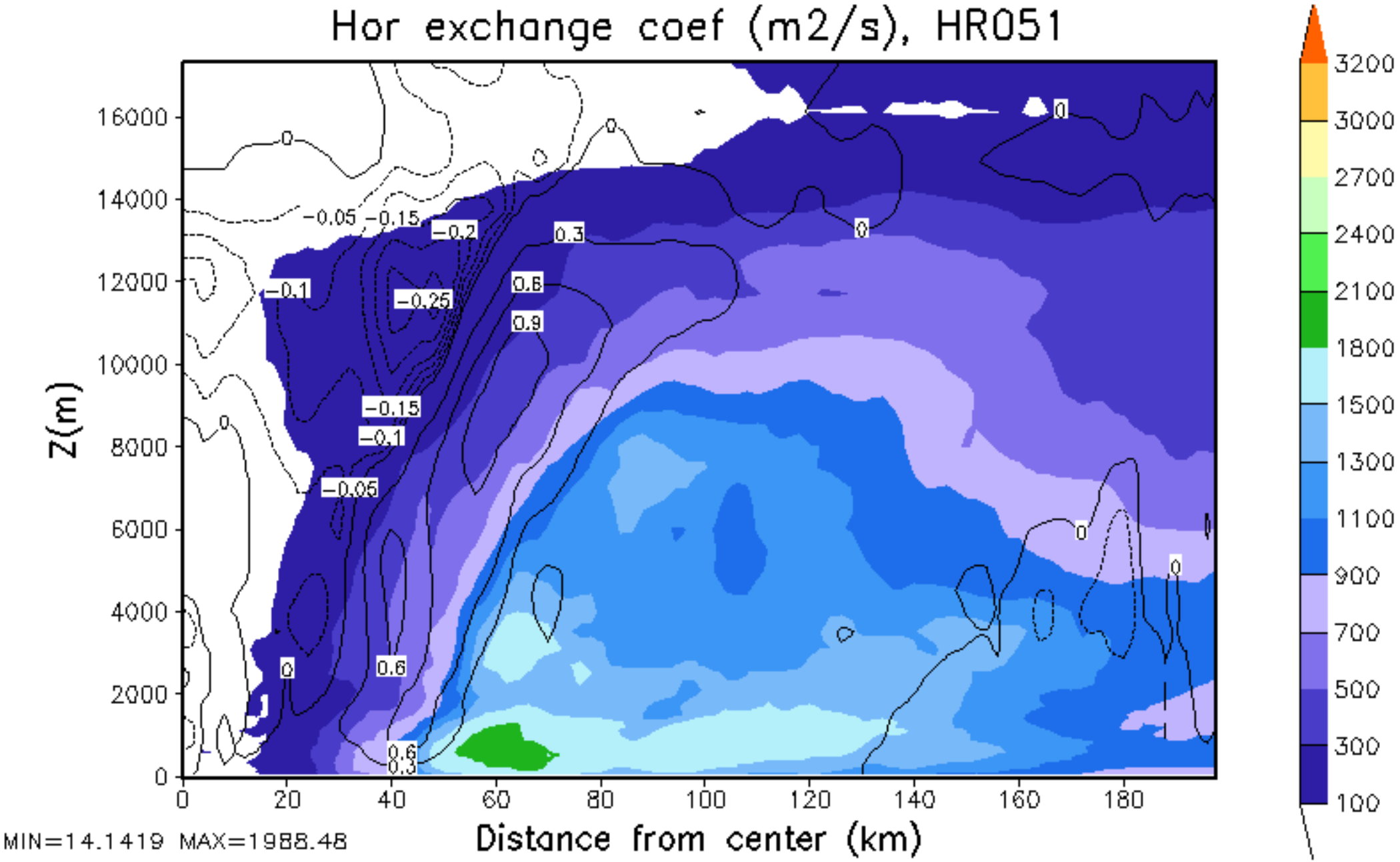
-0.05
-0.15
0.3
0.6
-0.2
-0.1
0


Hor exchange coef (m2/s), HR051
Z(m)
Distance from center (km)
MIN=14.1419 MAX=1988.48
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.05
-0.15
-0.2
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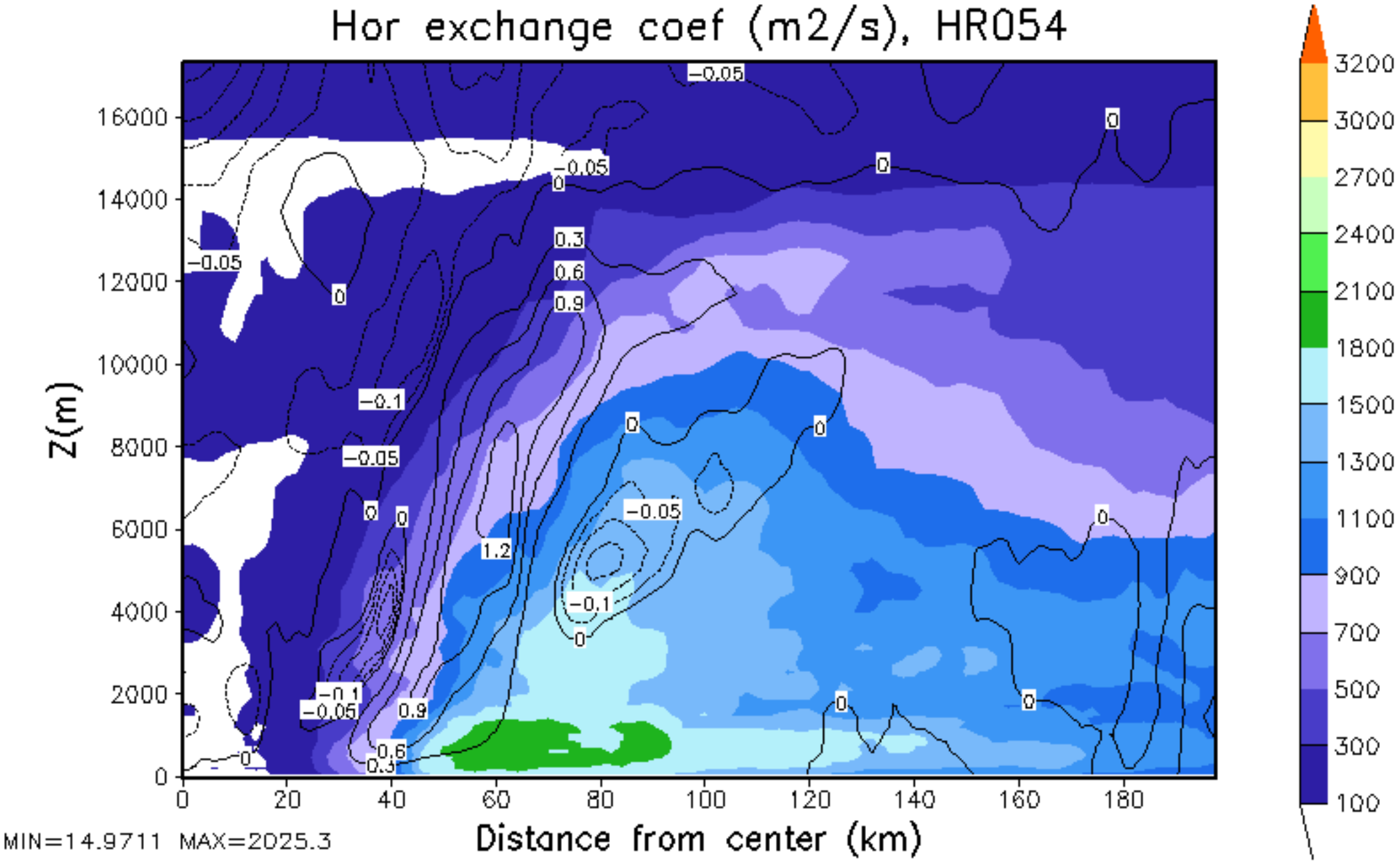
-0.1
-0.25
0.8
0.9
-0.15
-0.1
-0.05
0.6
0.6
0.3


Hor exchange coef (m2/s), HR054
Z(m)
Distance from center (km)
MIN=14.9711 MAX=2025.3
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
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180
3200
3000
2700
2400
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1300
1100
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700
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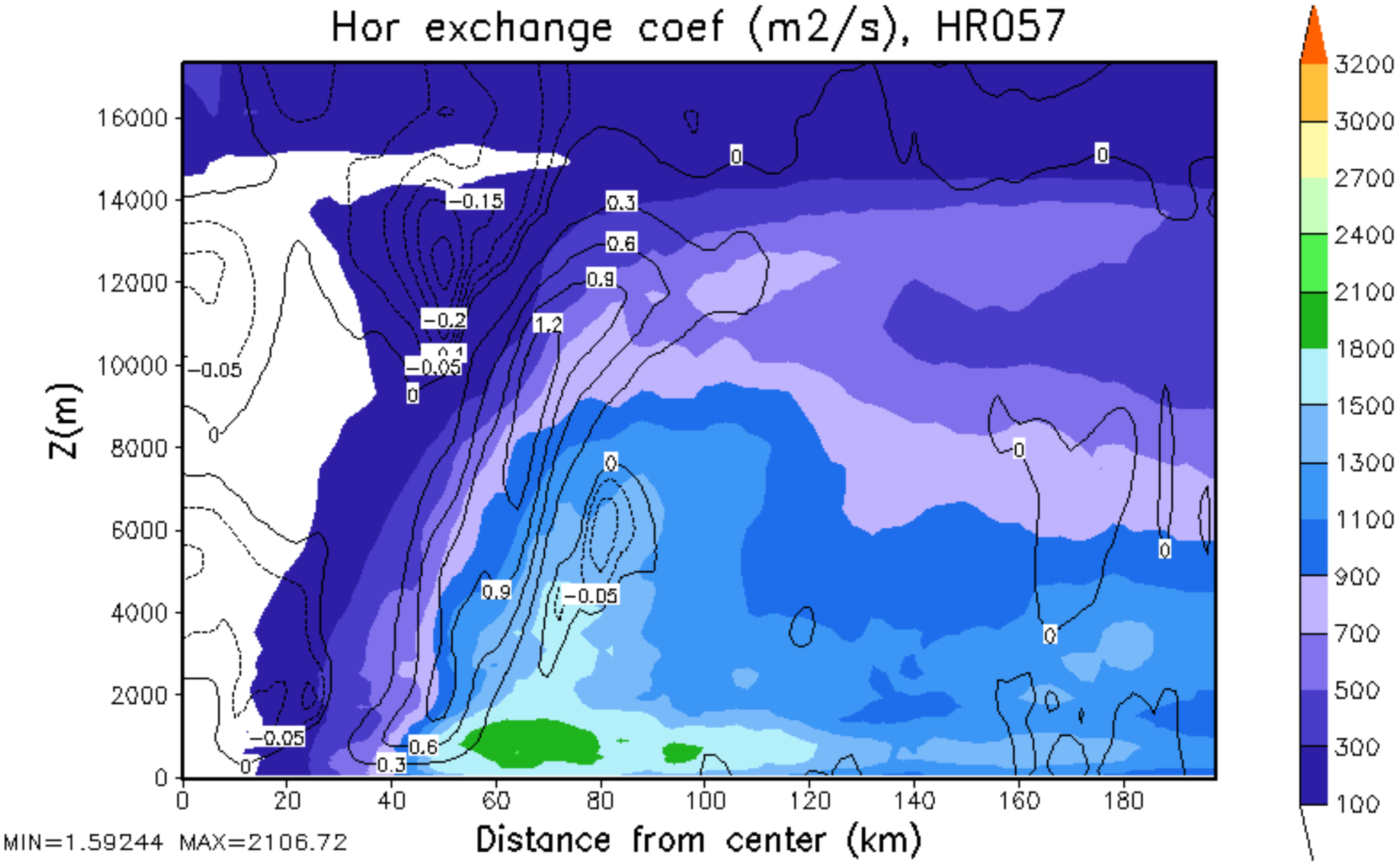
300
100


Hor exchange coef (m2/s), HR057
Z(m)
Distance from center (km)
MIN=1.59244 MAX=2106.72
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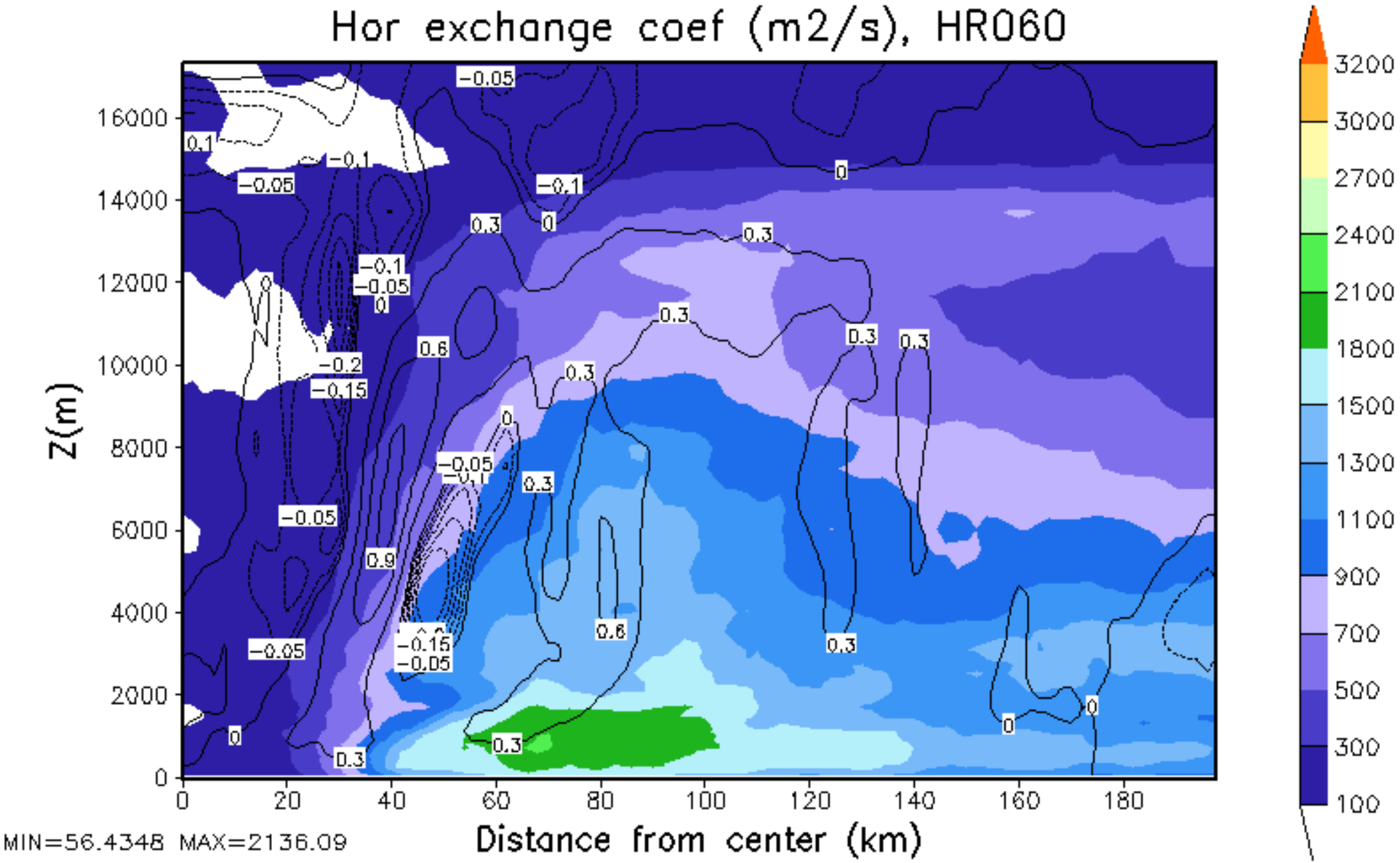
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
100
300
500
700
900
1100
1300
1500
1800
2100
2400
2700
3000
3200
-0.15
0.3
0.6
0.9
1.2
-0.2
-0.05
0
-0.05
0.9
-0.05
-0.05
0.6
0.3


Hor exchange coef (m2/s), HR060
Z(m)
Distance from center (km)
MIN=56.4348 MAX=2136.09
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
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180
3200
3000
2700
2400
2100
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1500
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700
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300
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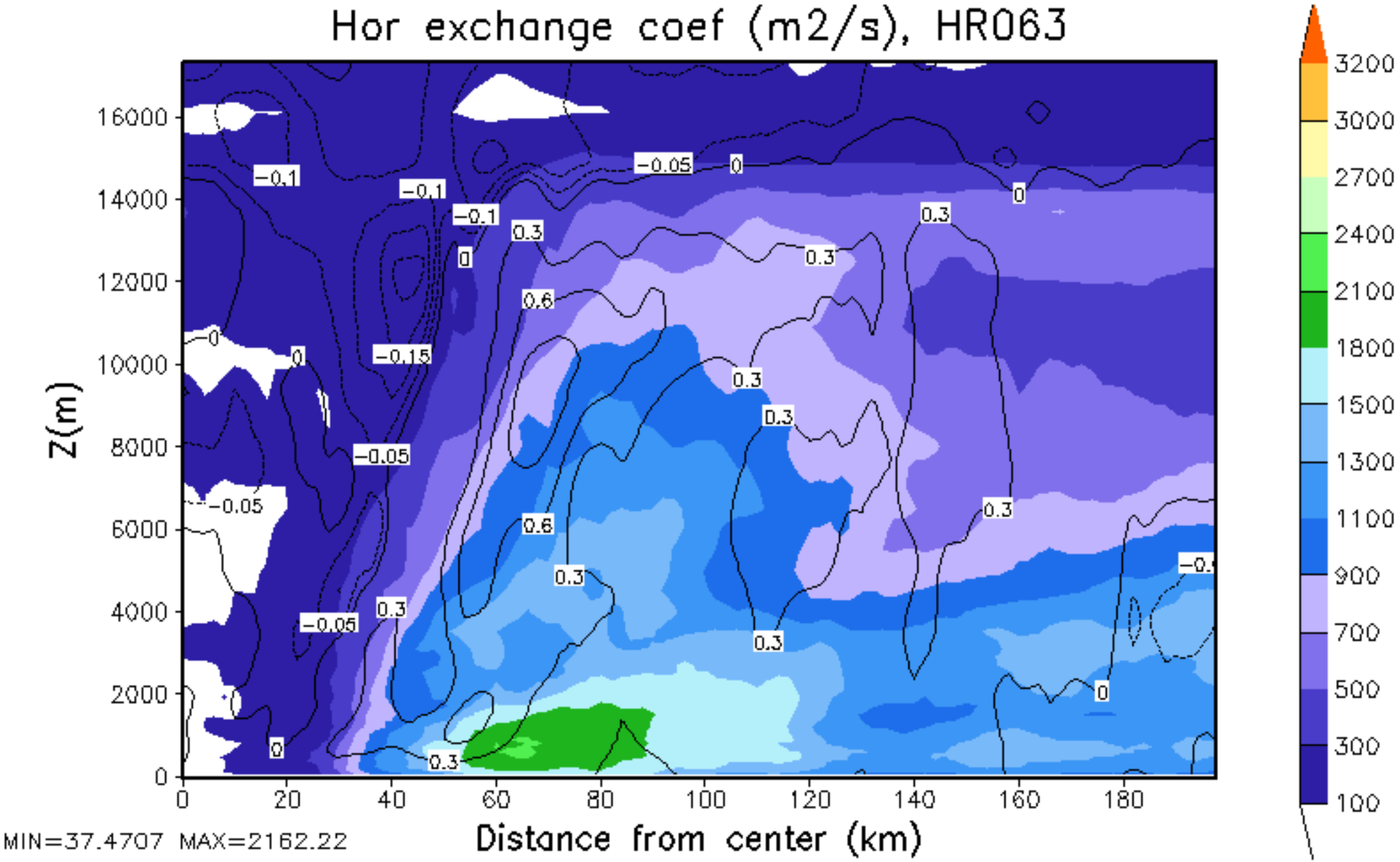
Hor exchange coef (m2/s), HR063
Z(m)
Distance from center (km)
MIN=37.4707 MAX=2162.22
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
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180
3200
3000
2700
2400
2100
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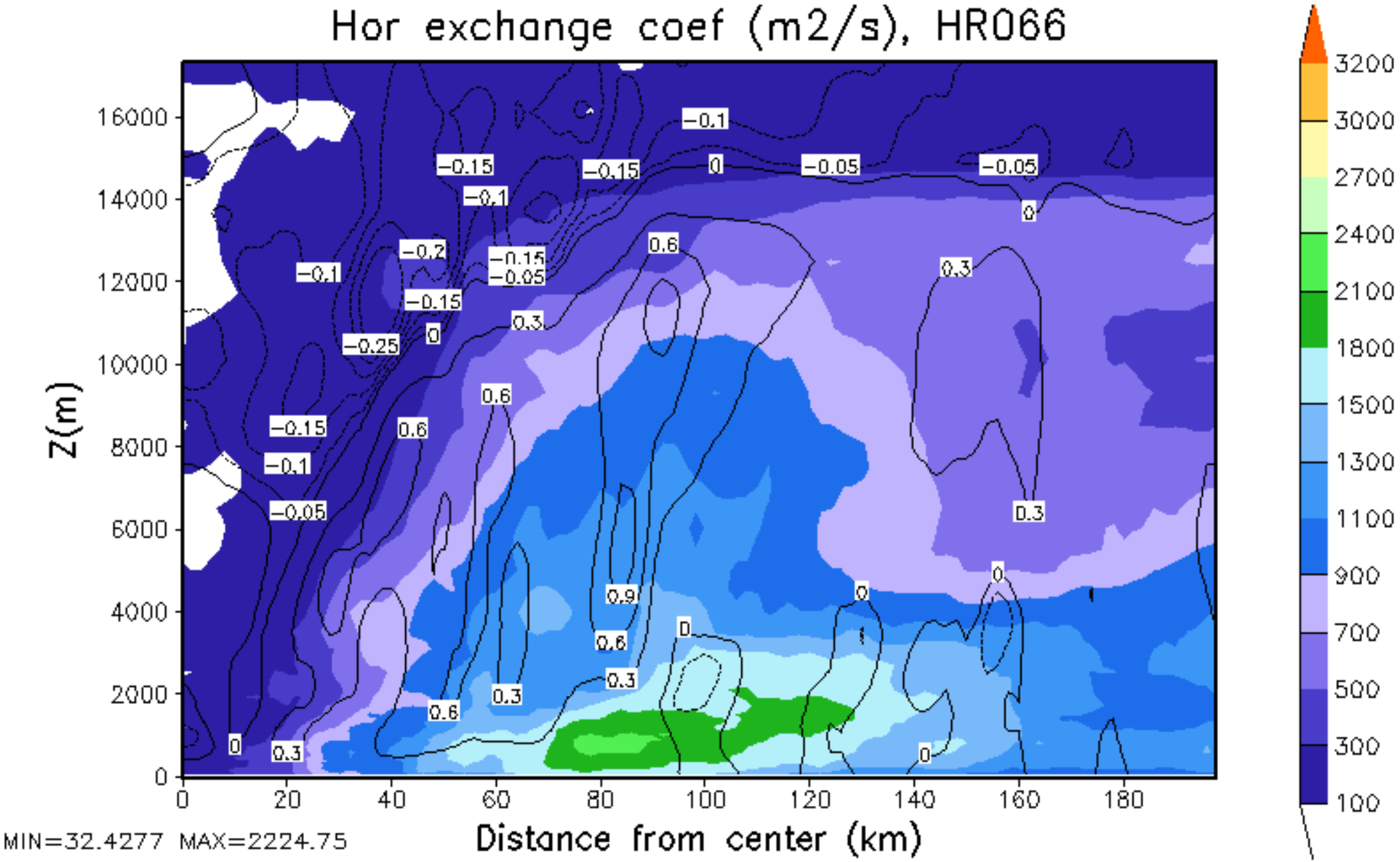
1300
1100
900
700
500
300
100


Hor exchange coef (m2/s), HR066
Z(m)
Distance from center (km)
MIN=32.4277 MAX=2224.75
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
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180
3200
3000
2700
2400
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1300
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700
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300
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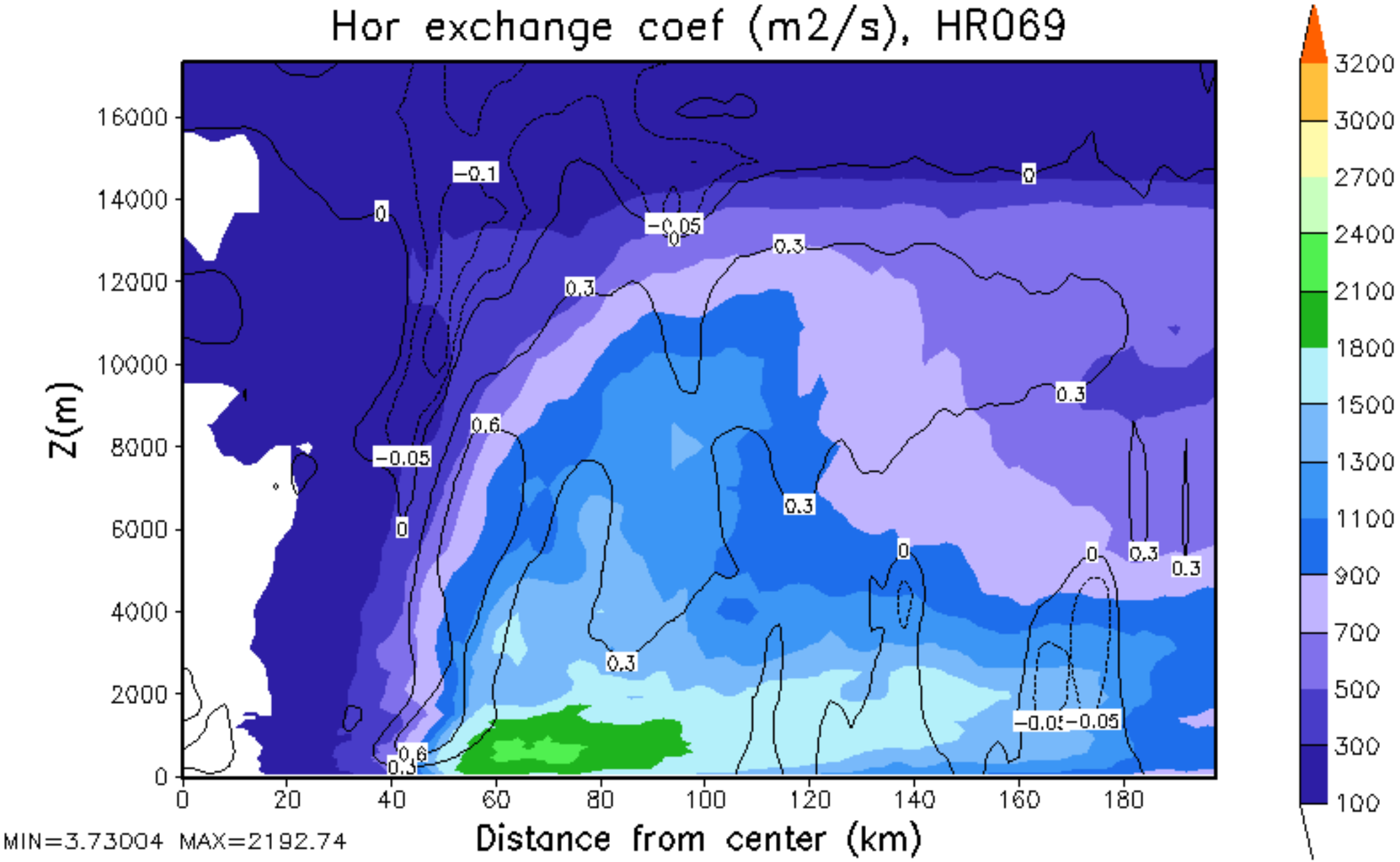

Hor exchange coef (m2/s), HR069
Z(m)
Distance from center (km)
MIN=3.73004 MAX=2192.74
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
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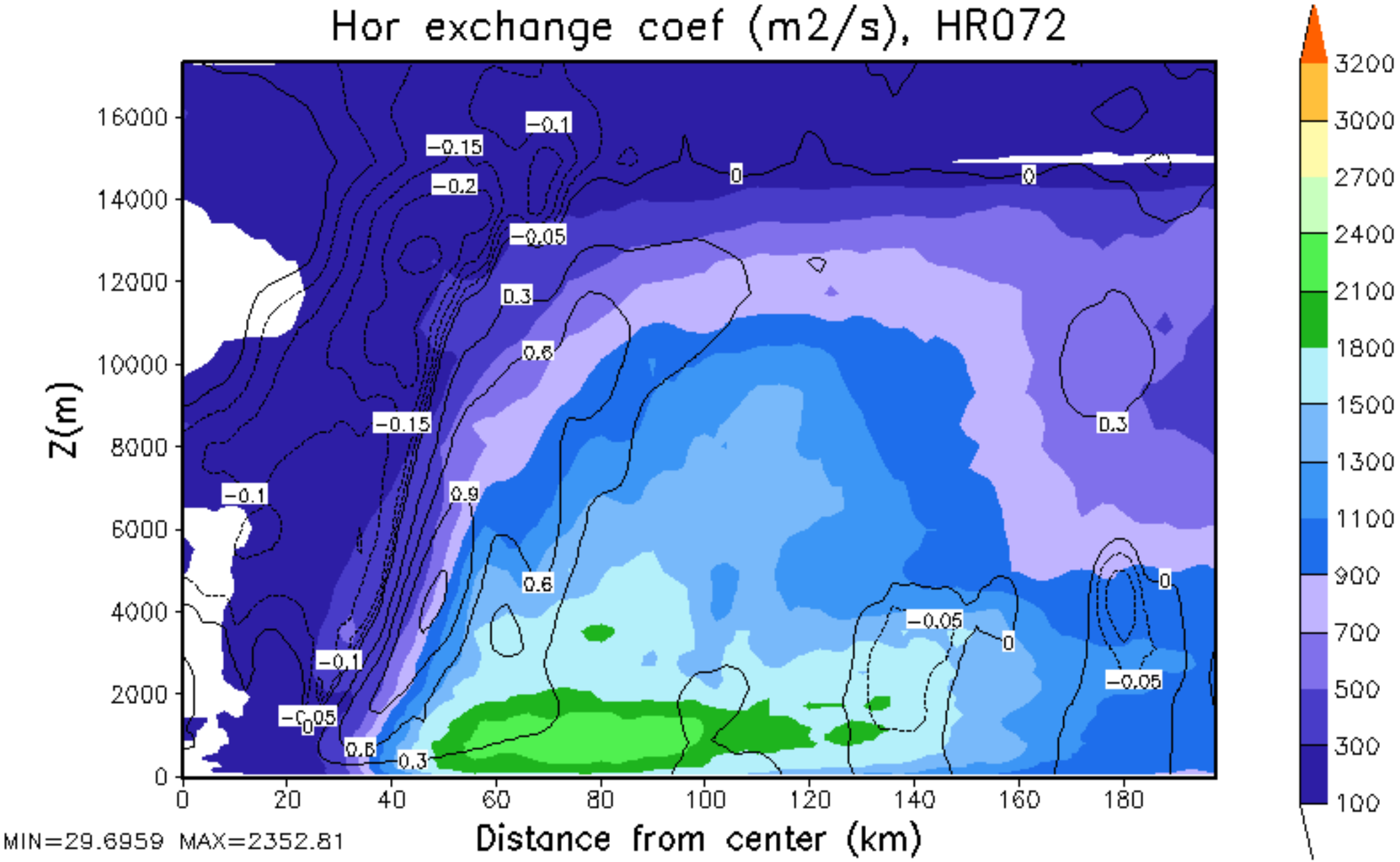
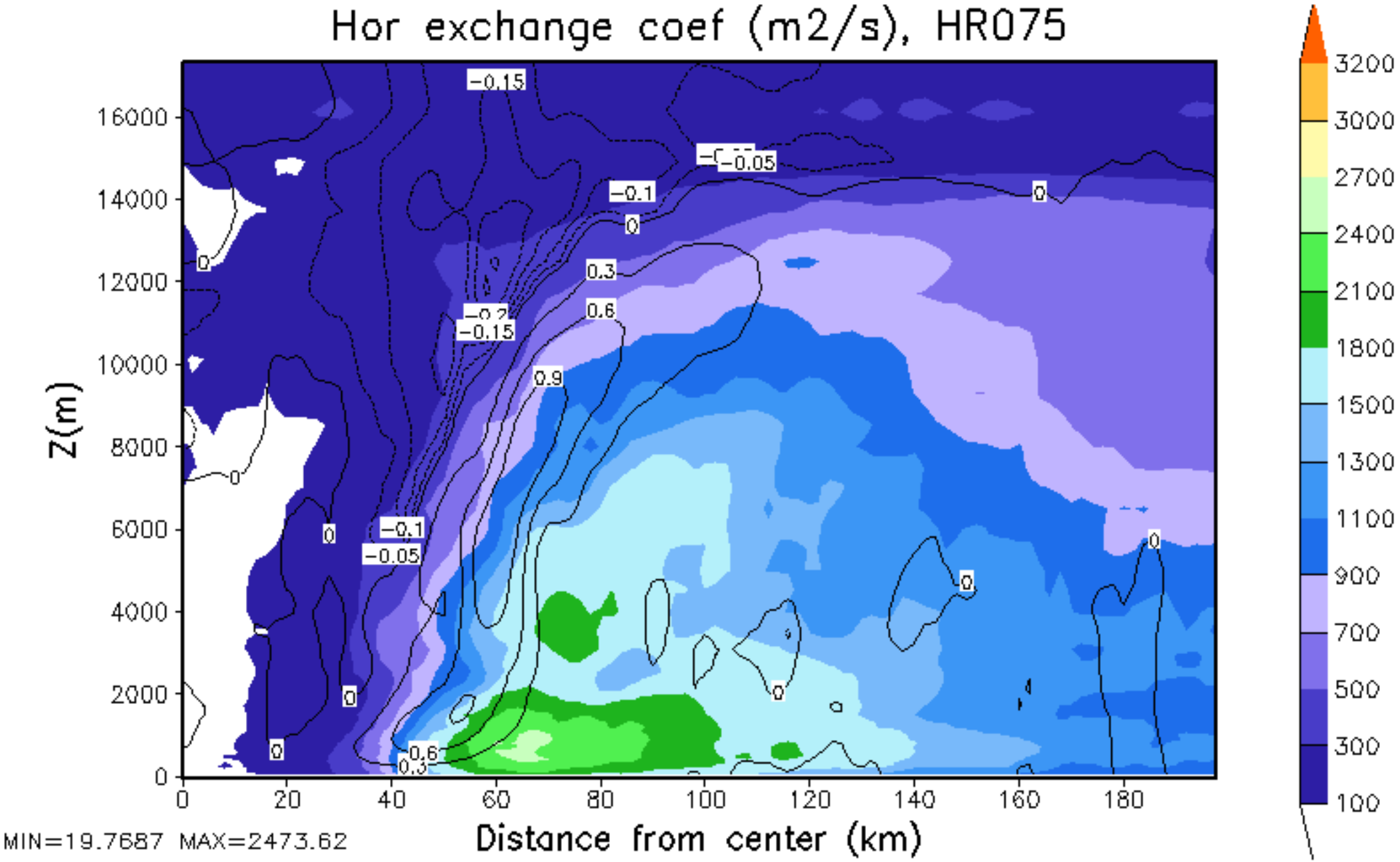
1500
1300
1100
900
700
500
300
100
-0.1
-0.05
0
0.3
0.6


Hor exchange coef (m2/s), HR072
Z(m)
Distance from center (km)
MIN=29.6959 MAX=2352.81
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.1
-0.15
-0.2
-0.05
0
0.3
0.6
0.9


Hor exchange coef (m2/s), HR075
Z(m)
Distance from center (km)
MIN=19.7687 MAX=2473.62
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
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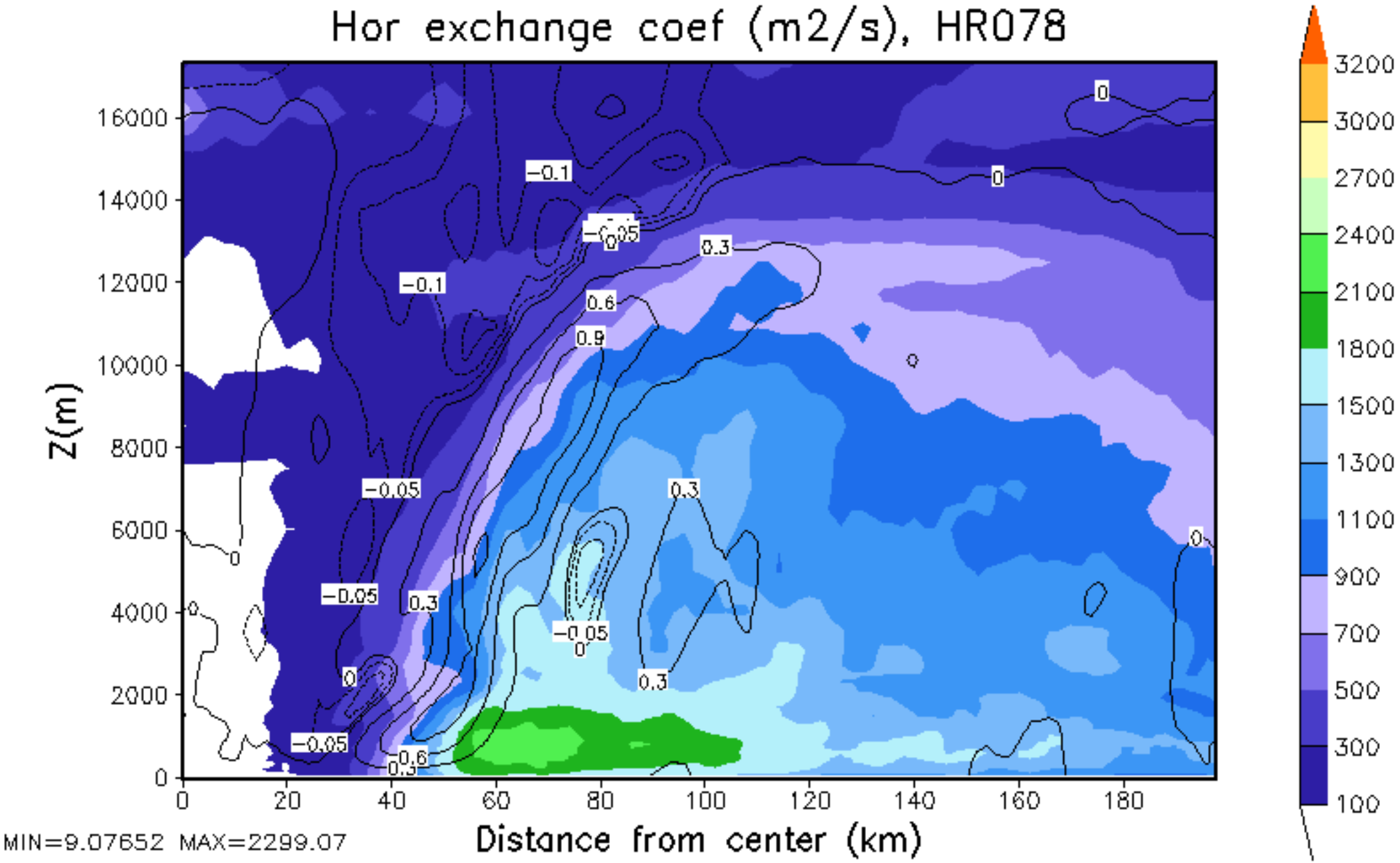
700
500
300
100
-0.15
-0.05
-0.1
0
0.3
0.6
0.9


Hor exchange coef (m2/s), HR078
Z(m)
Distance from center (km)
MIN=9.07652 MAX=2299.07
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
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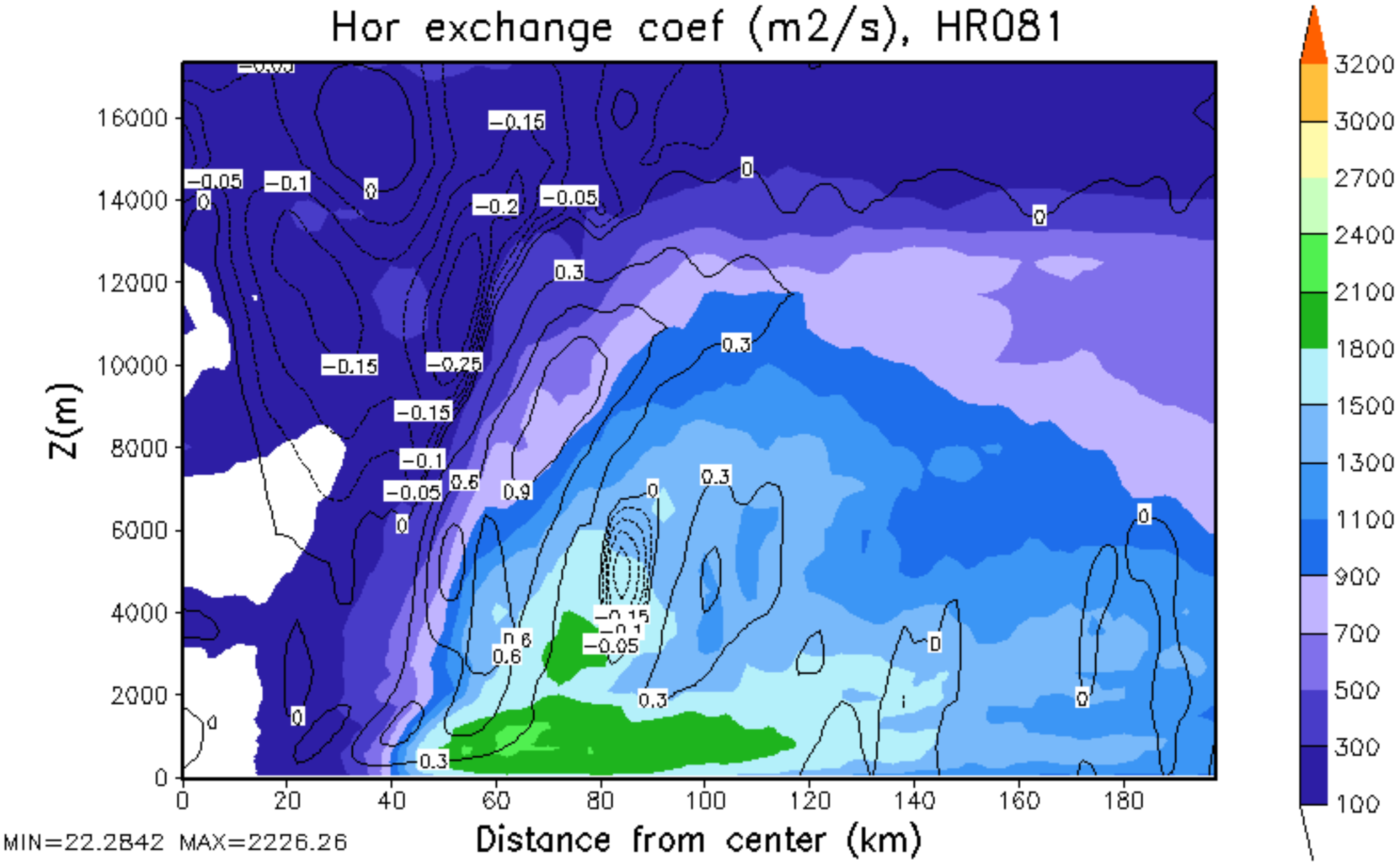
1300
1100
900
700
500
300
100
-0.1
-0.05
0.3
0.6
0.9


Hor exchange coef (m2/s), HR081
Z(m)
Distance from center (km)
MIN=22.2842 MAX=2226.26
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4000
6000
8000
10000
12000
14000
16000
0
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40
60
80
100
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180
3200
3000
2700
2400
2100
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1500
1300
1100
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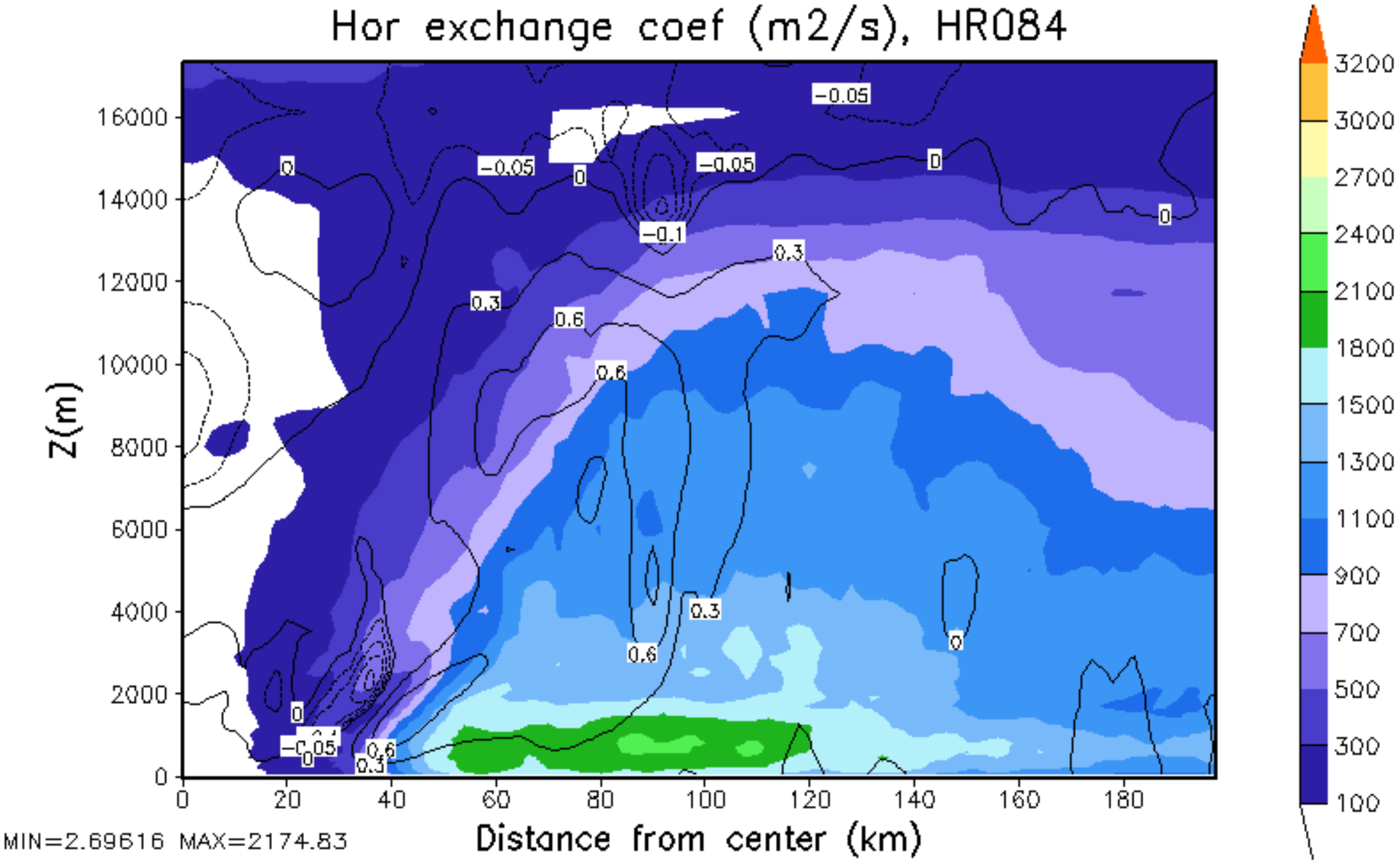
700
500
300
100


Hor exchange coef (m2/s), HR084
Z(m)
Distance from center (km)
MIN=2.69616 MAX=2174.83
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6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
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1300
1100
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700
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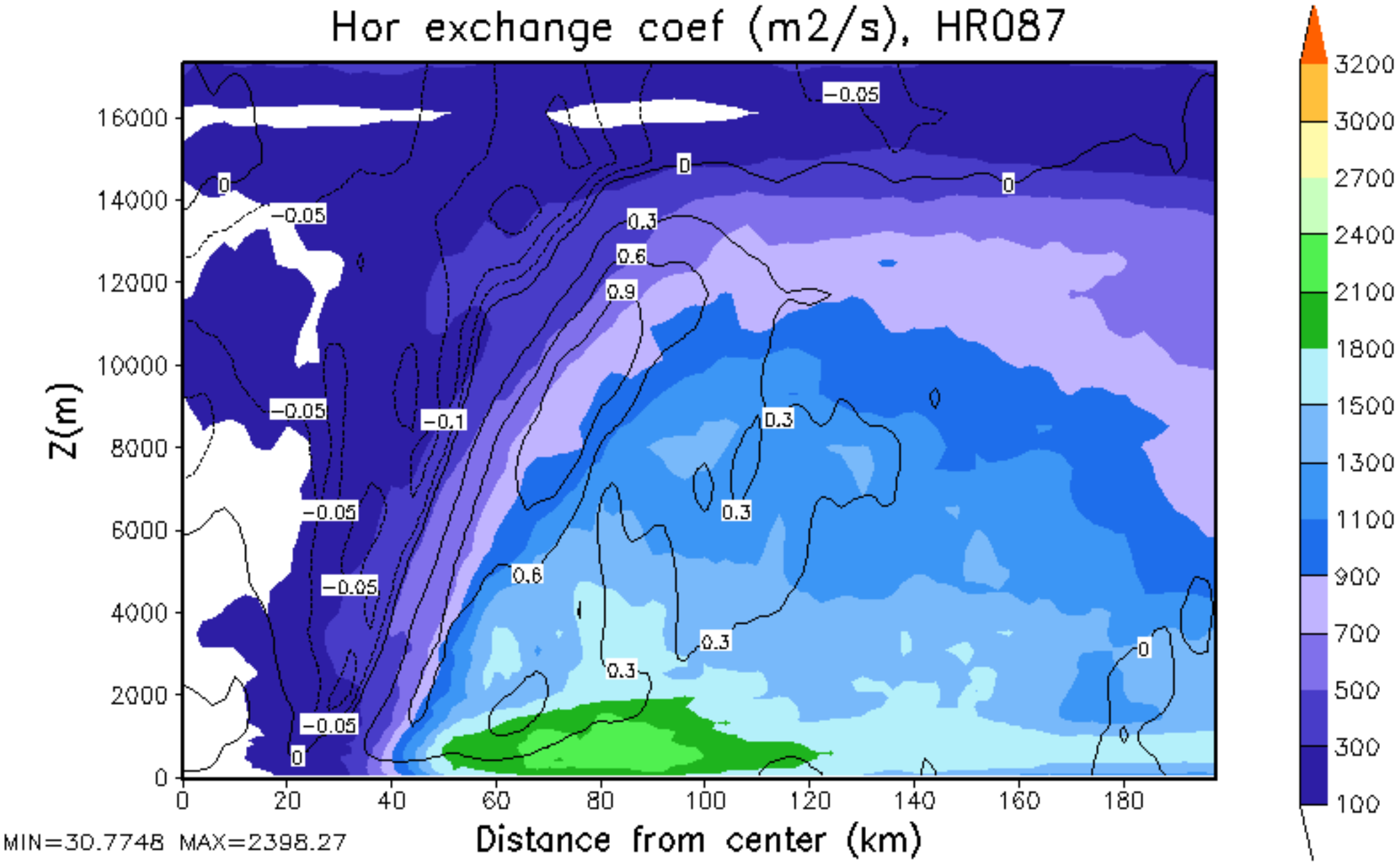
-0.05
0
-0.1
0.3
0.6


Hor exchange coef (m2/s), HR087
Z(m)
Distance from center (km)
MIN=30.7748 MAX=2398.27
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
100
300
500
700
900
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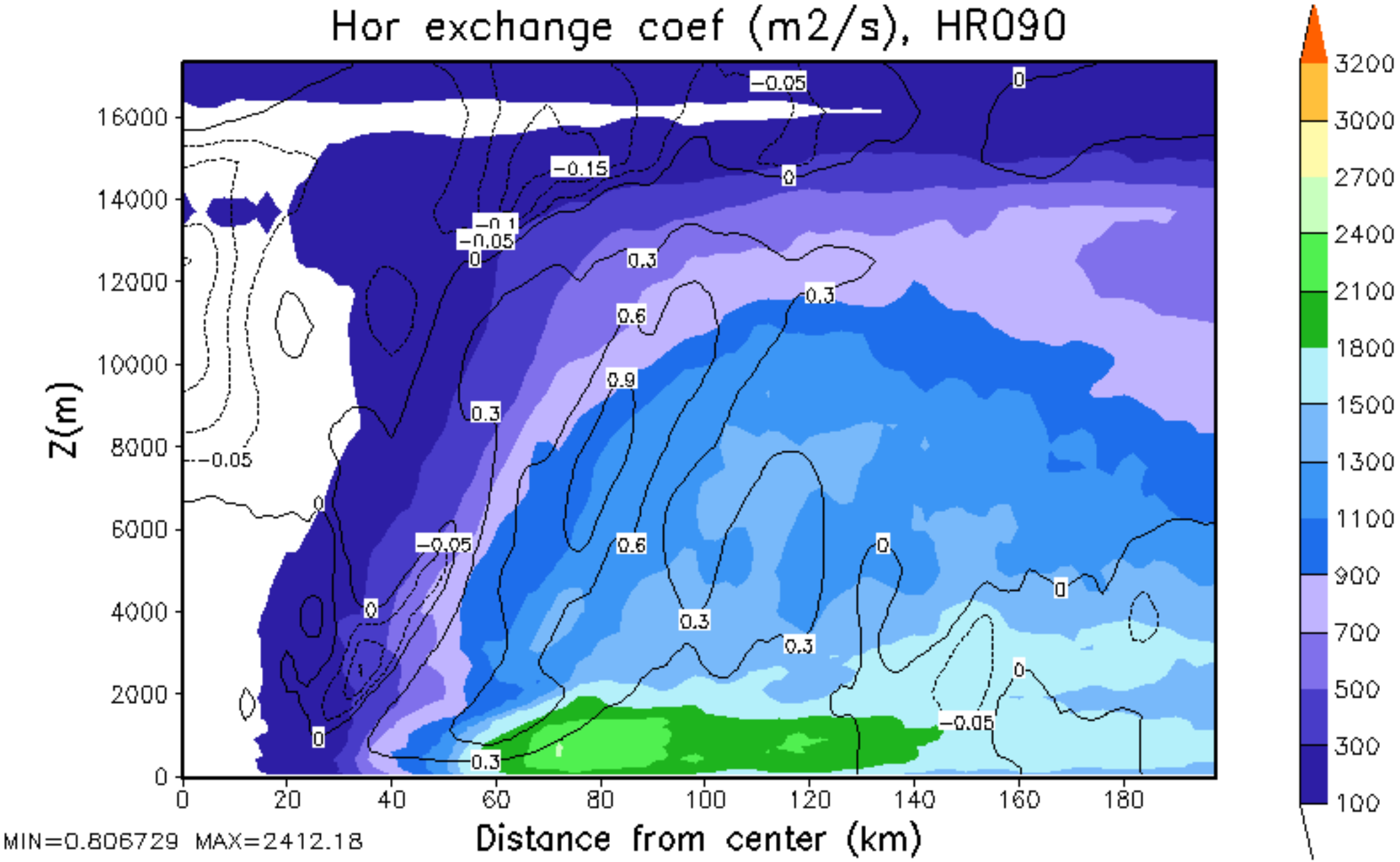
2100
2400
2700
3000
3200
-0.05
0
0.3
0.6
0.9
-0.1


Hor exchange coef (m2/s), HR090
Z(m)
Distance from center (km)
MIN=0.806729 MAX=2412.18
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
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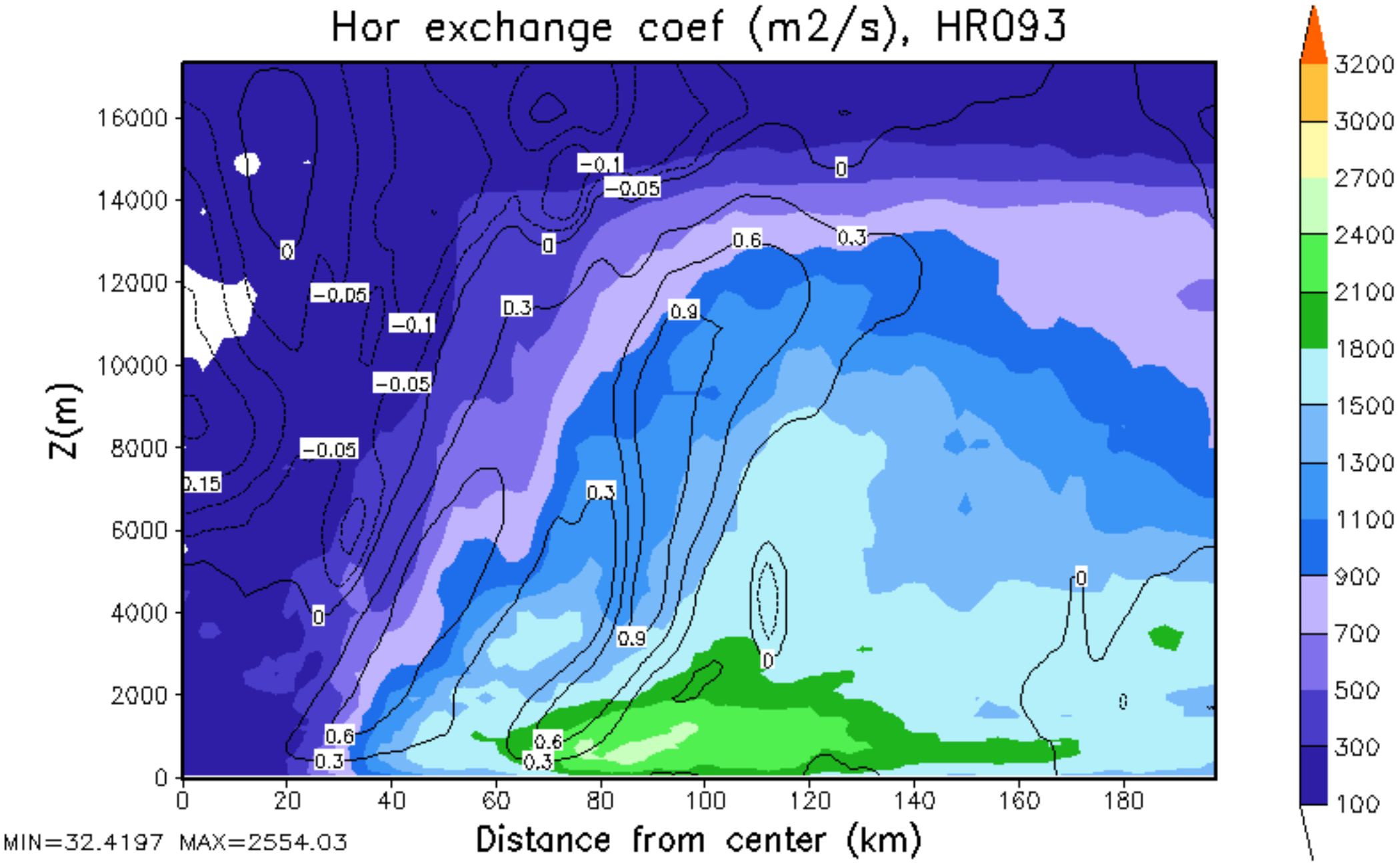
700
500
300
100
-0.05
0
-0.15
-0.1
0.3
0.6
0.9


Hor exchange coef (m2/s), HR093
Z(m)
Distance from center (km)
MIN=32.4197 MAX=2554.03
0
2000
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8000
10000
12000
14000
16000
0
20
40
60
80
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1300
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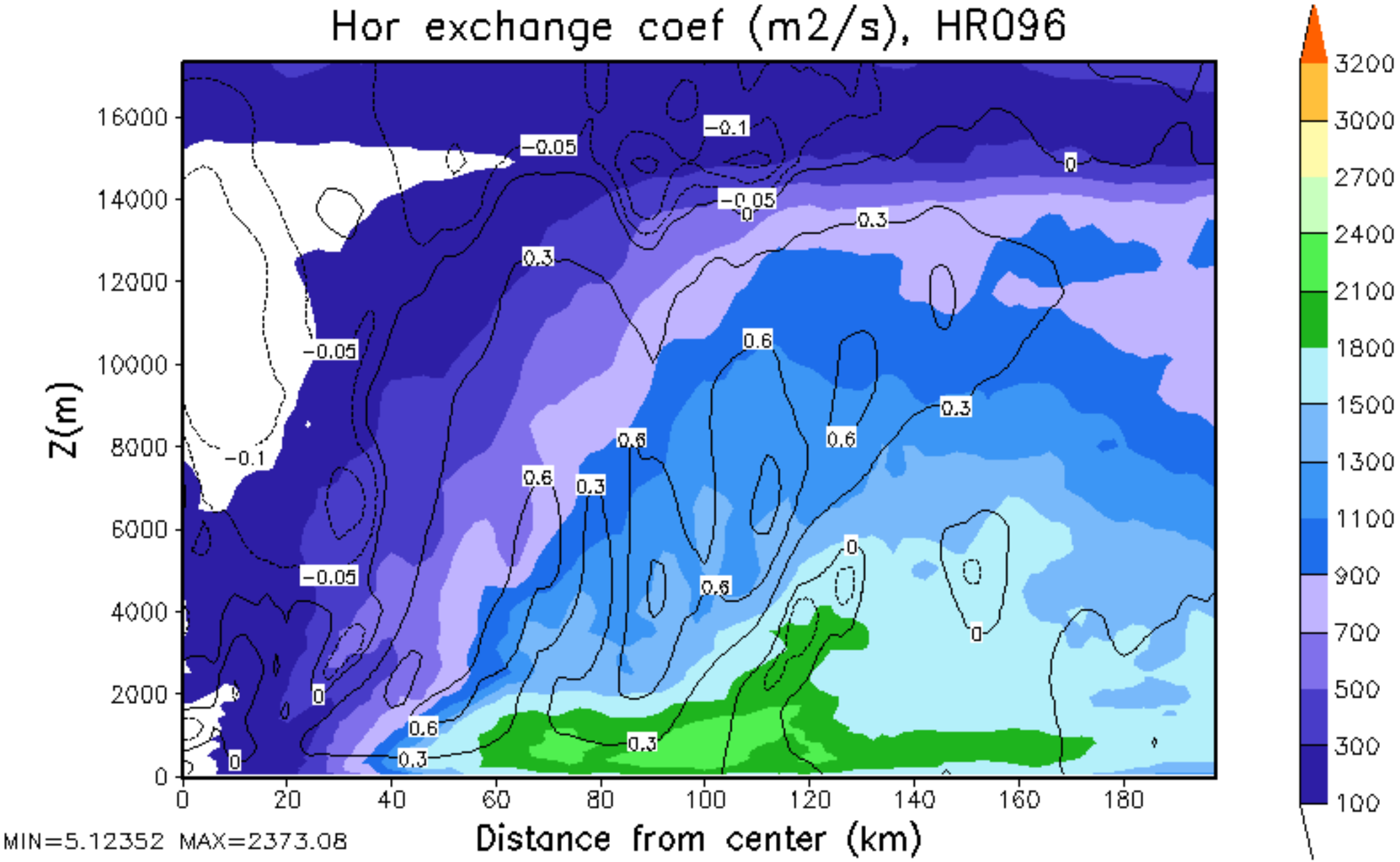
700
500
300
100


Hor exchange coef (m2/s), HR096
Z(m)
Distance from center (km)
MIN=5.12352 MAX=2373.08
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
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1300
1100
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700
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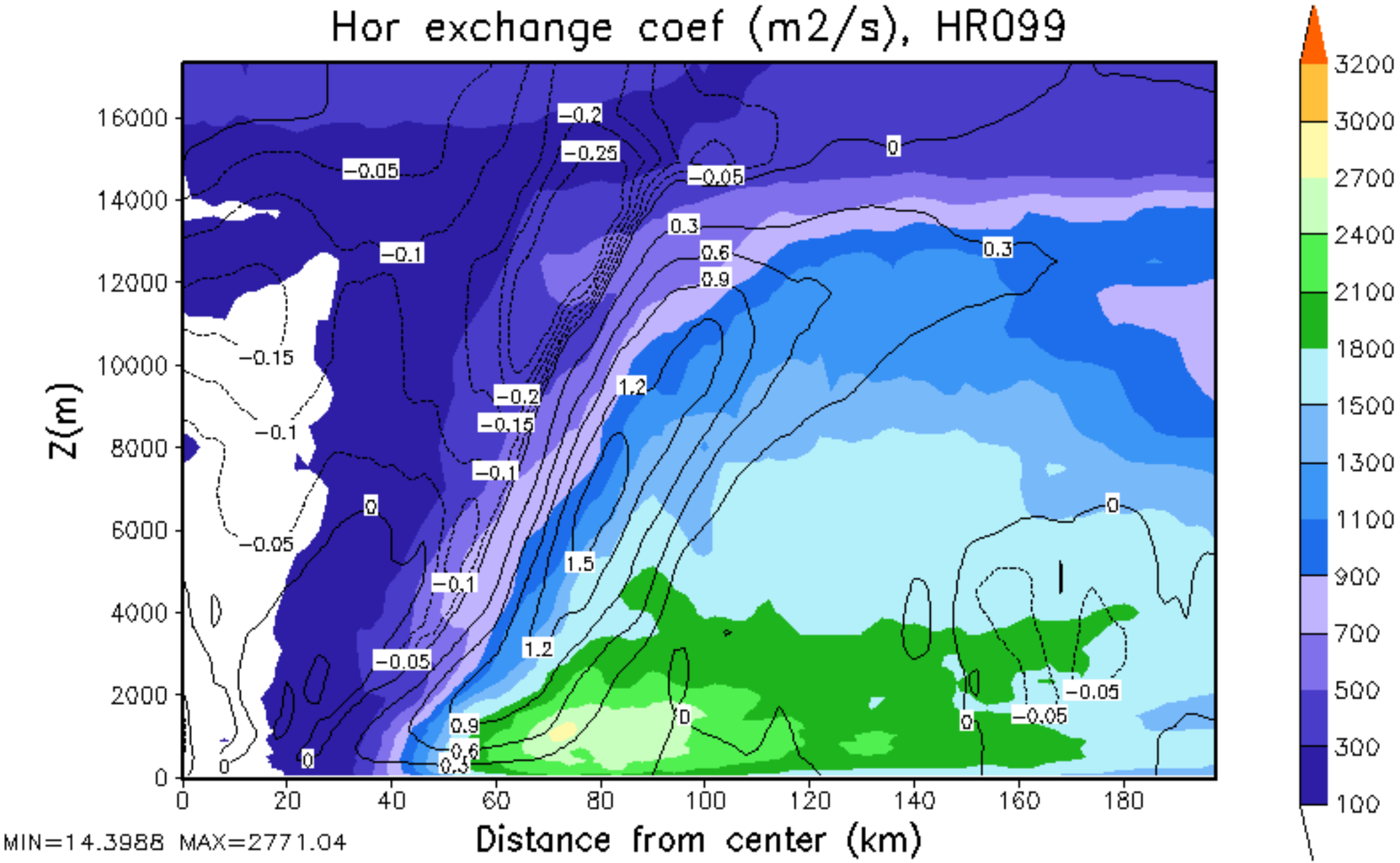
-0.1
-0.05
0
0.3
0.6


Hor exchange coef (m2/s), HR099
Z(m)
Distance from center (km)
MIN=14.3988 MAX=2771.04
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8000
10000
12000
14000
16000
0
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40
60
80
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2400
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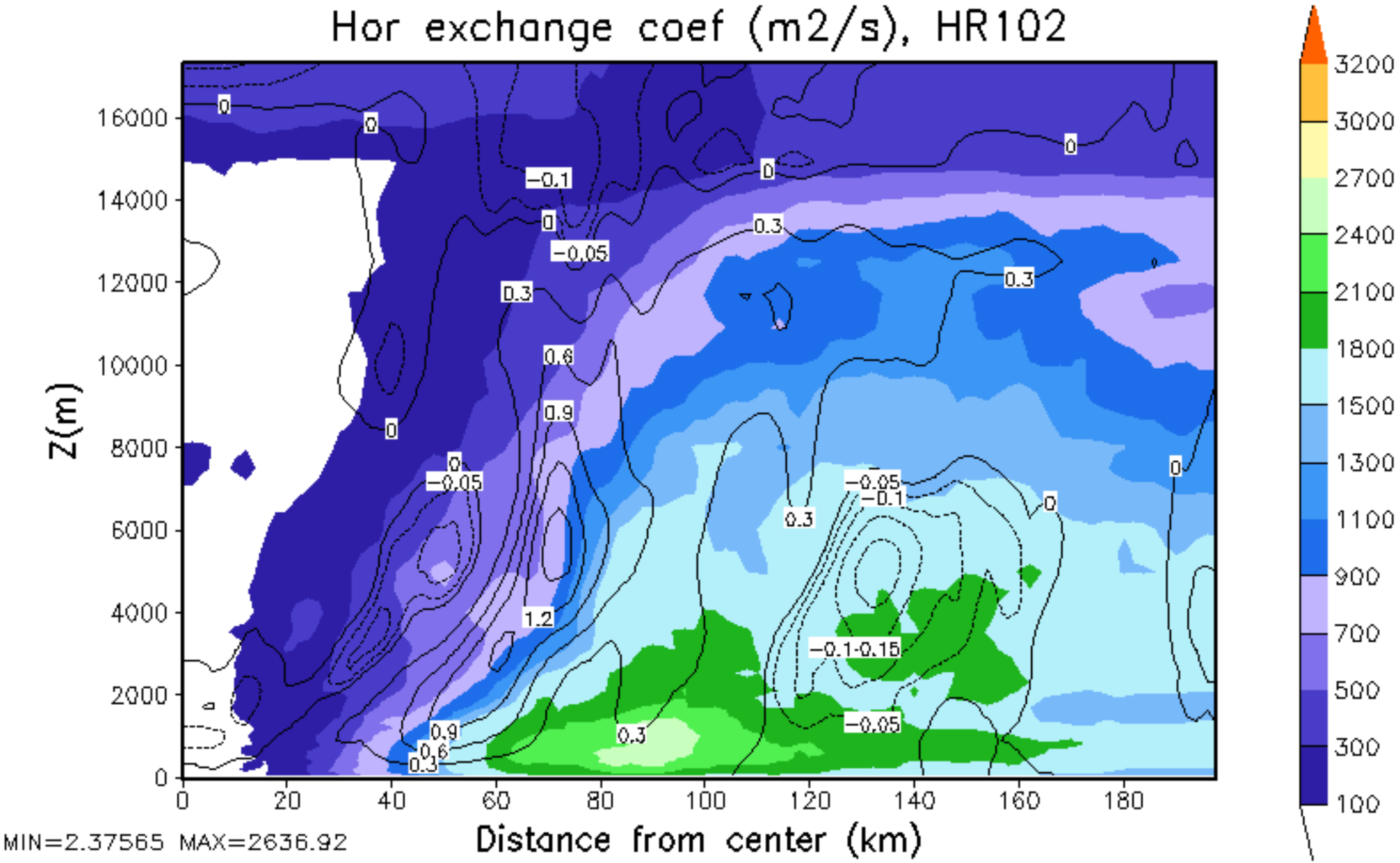
300
100


Hor exchange coef (m2/s), HR102
Z(m)
Distance from center (km)
MIN=2.37565 MAX=2636.92
0
2000
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6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
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-0.05
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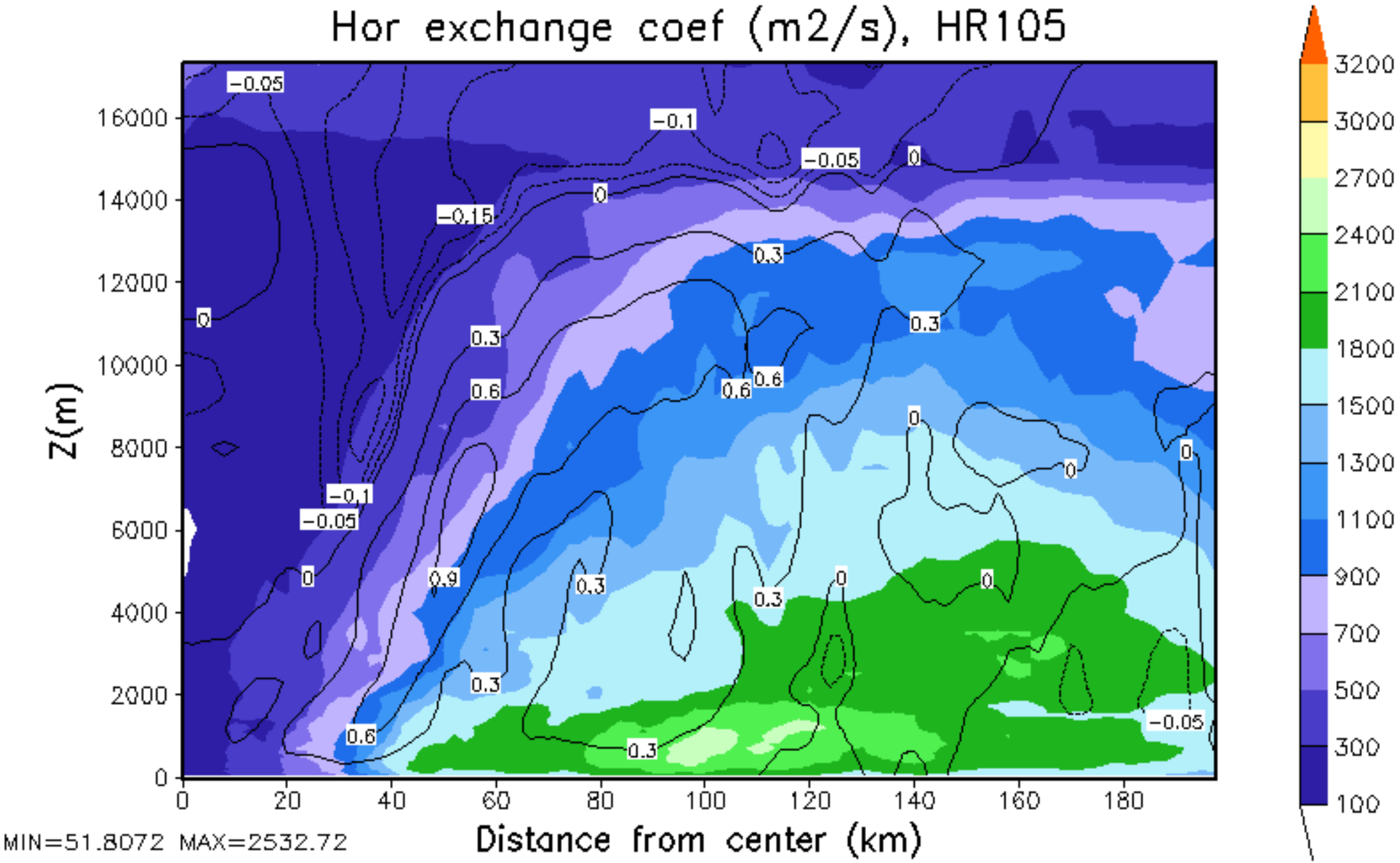
0.6
0.9
1.2
-0.1-0.15


Hor exchange coef (m2/s), HR105
Z(m)
Distance from center (km)
MIN=51.8072 MAX=2532.72
0
2000
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6000
8000
10000
12000
14000
16000
0
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40
60
80
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2400
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700
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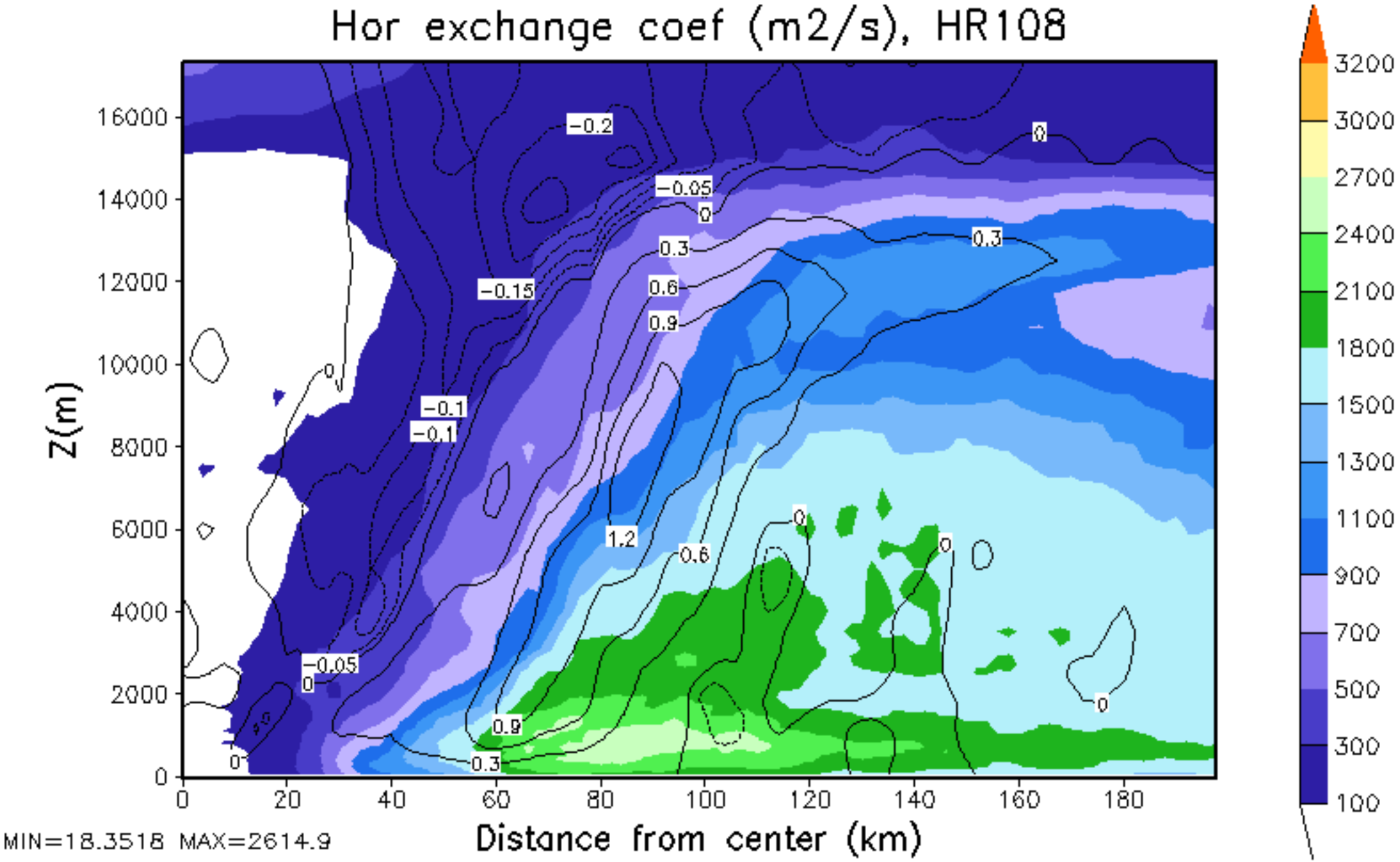
300
100


Hor exchange coef (m2/s), HR108
Z(m)
Distance from center (km)
MIN=18.3518 MAX=2614.9
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
100
300
500
700
900
1100
1300
1500
1800
2100
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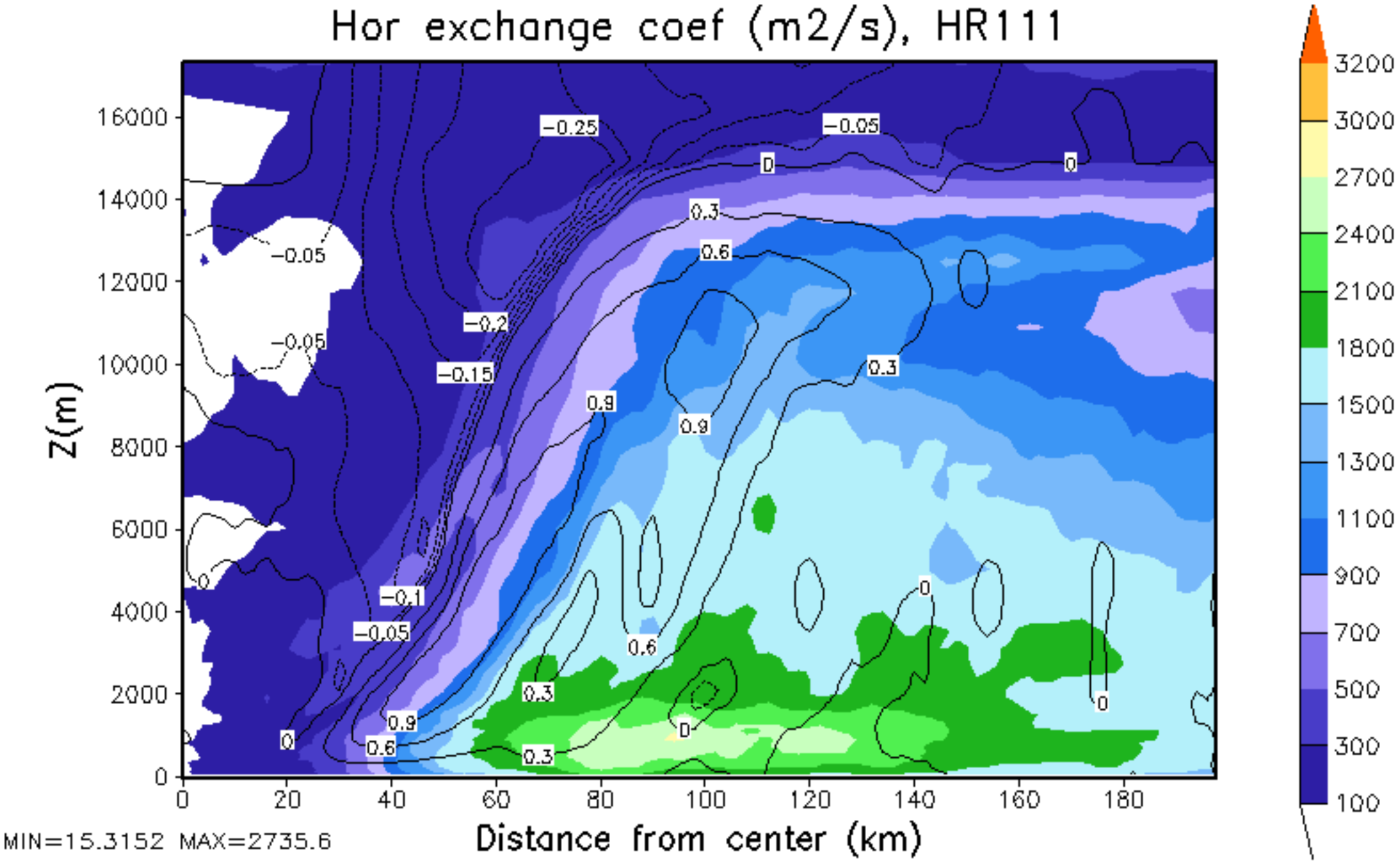
-0.2
-0.05
0
0.3
0.6
0.9
-0.15
-0.1
1.2


Hor exchange coef (m2/s), HR111
Z(m)
Distance from center (km)
MIN=15.3152 MAX=2735.6
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
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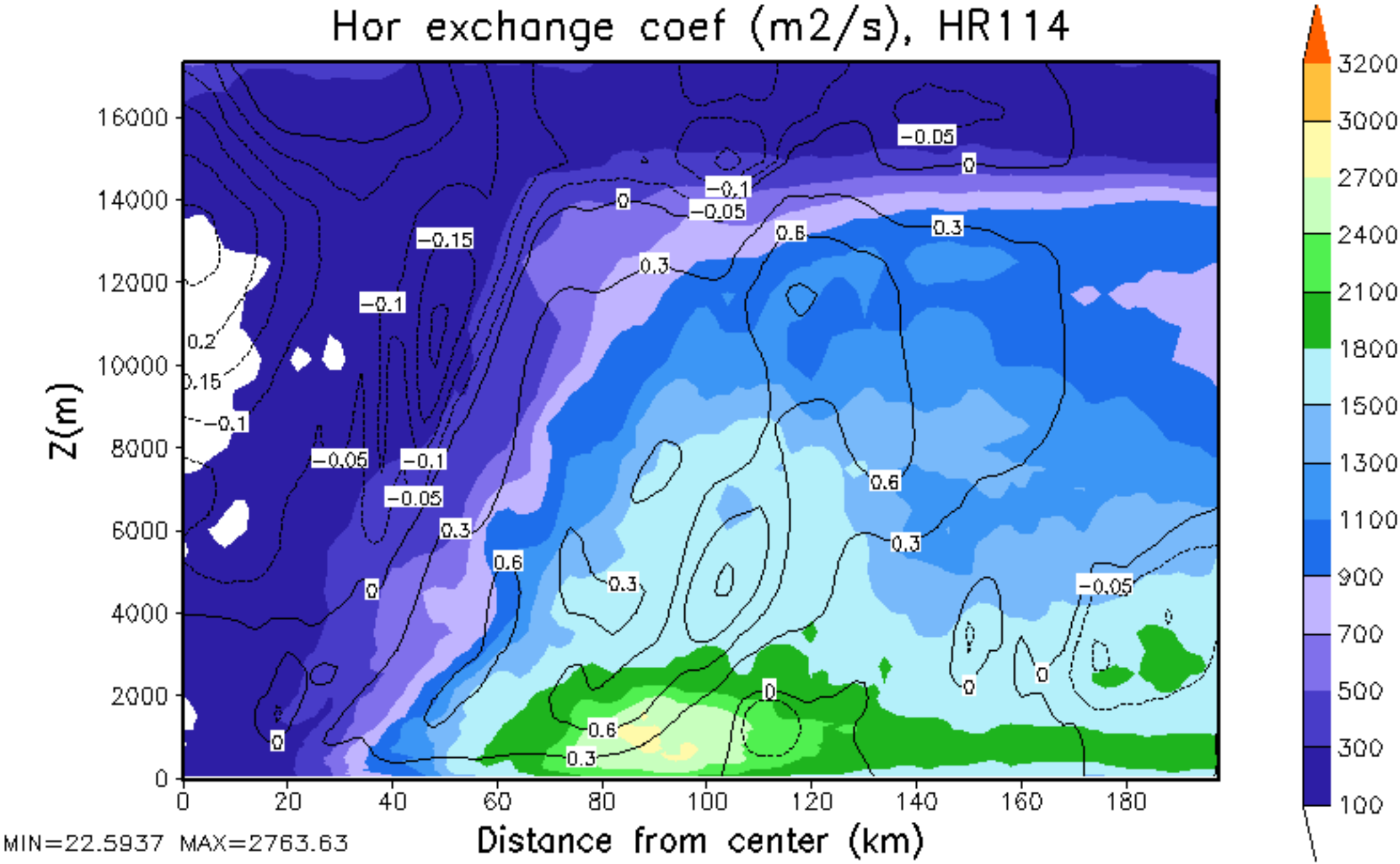
1300
1100
900
700
500
300
100
-0.25
-0.05
0
0.3
0.6
0.9
-0.2
-0.15
-0.1


Hor exchange coef (m2/s), HR114
Z(m)
Distance from center (km)
MIN=22.5937 MAX=2763.63
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
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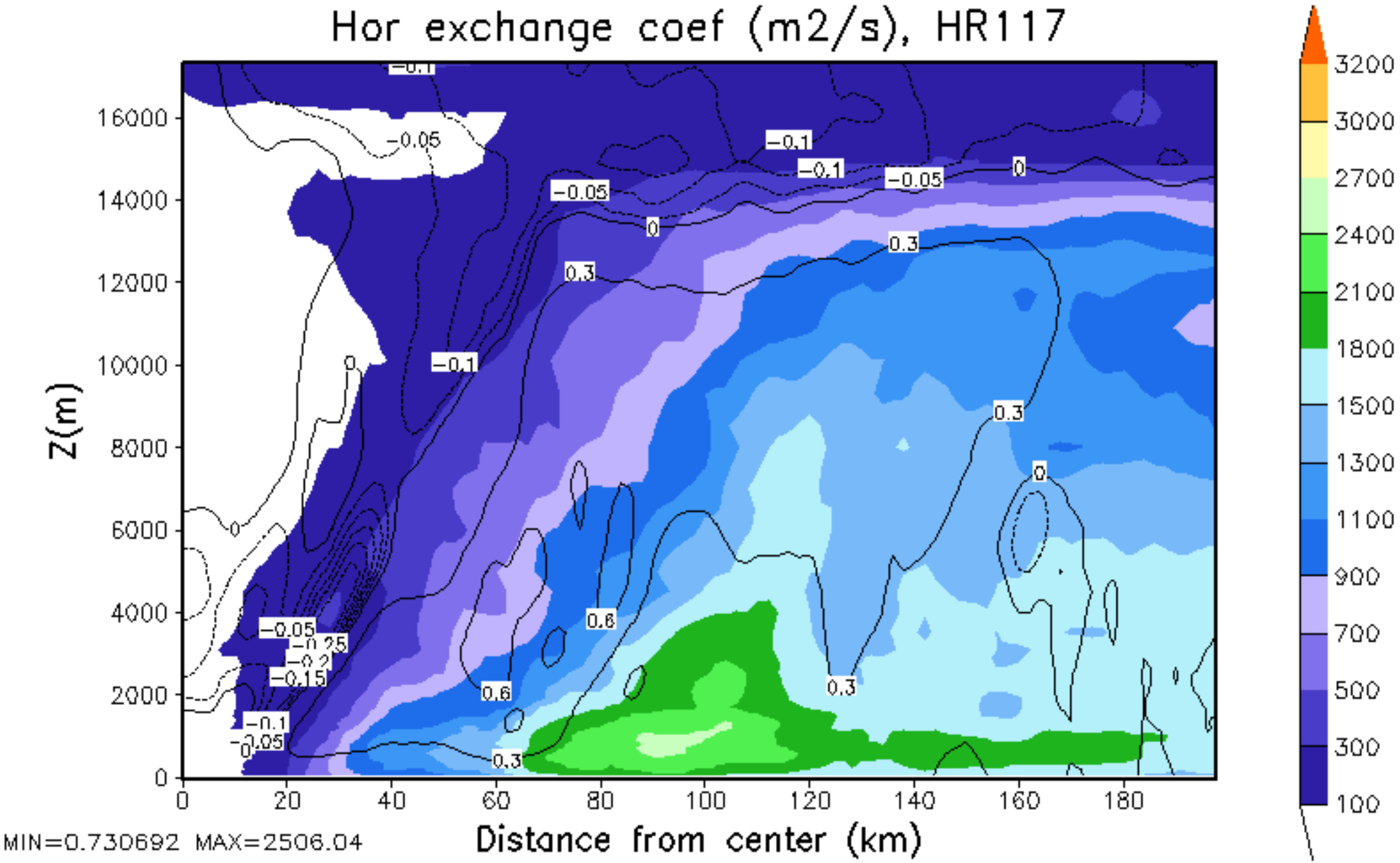
1100
1300
1500
1800
2100
2400
2700
3000
3200


Hor exchange coef (m2/s), HR117
Z(m)
Distance from center (km)
MIN=0.730692 MAX=2506.04
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
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180
3200
3000
2700
2400
2100
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1500
1300
1100
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700
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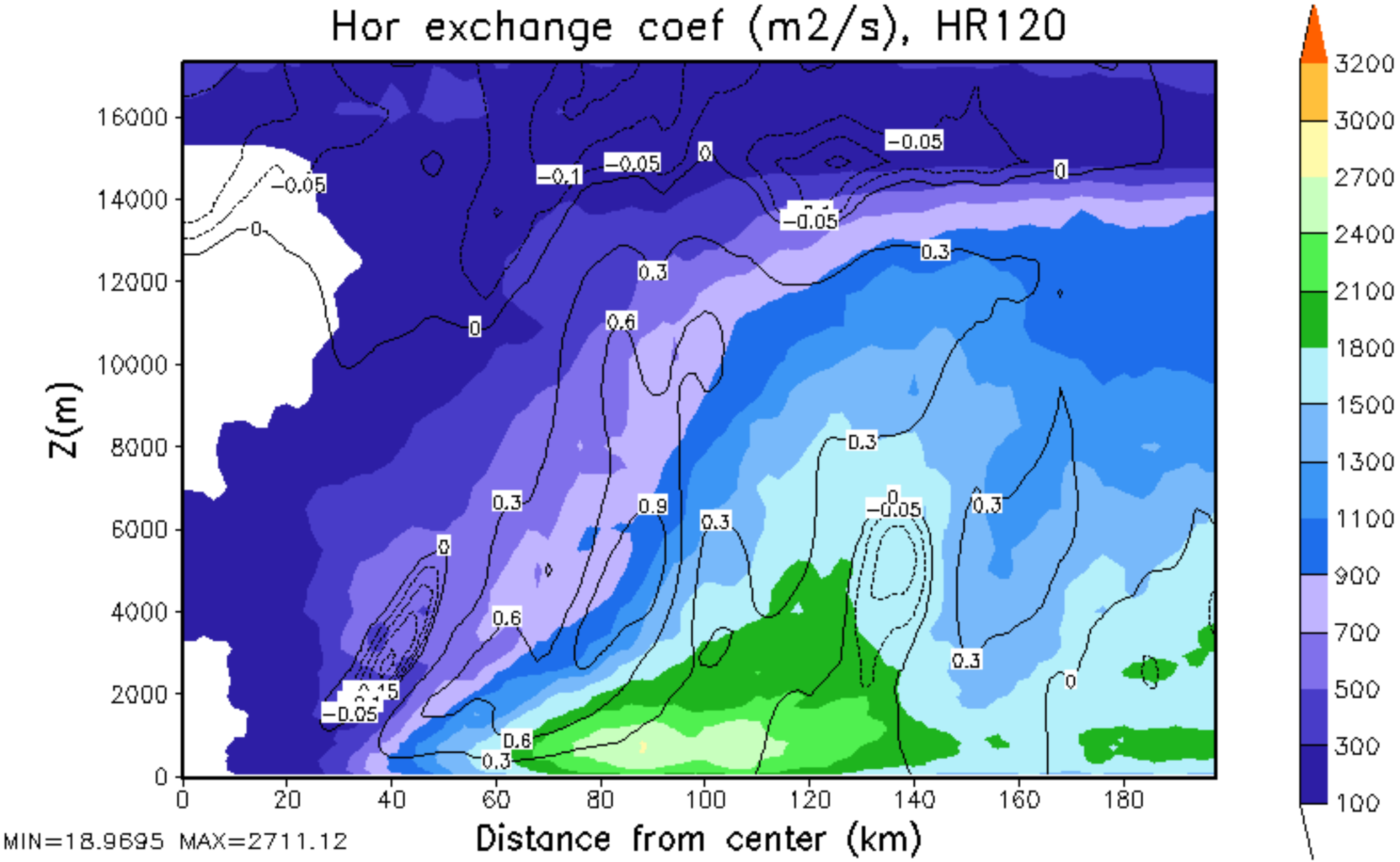
300
100


Hor exchange coef (m2/s), HR120
Z(m)
Distance from center (km)
MIN=18.9695 MAX=2711.12
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
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180
3200
3000
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2400
2100
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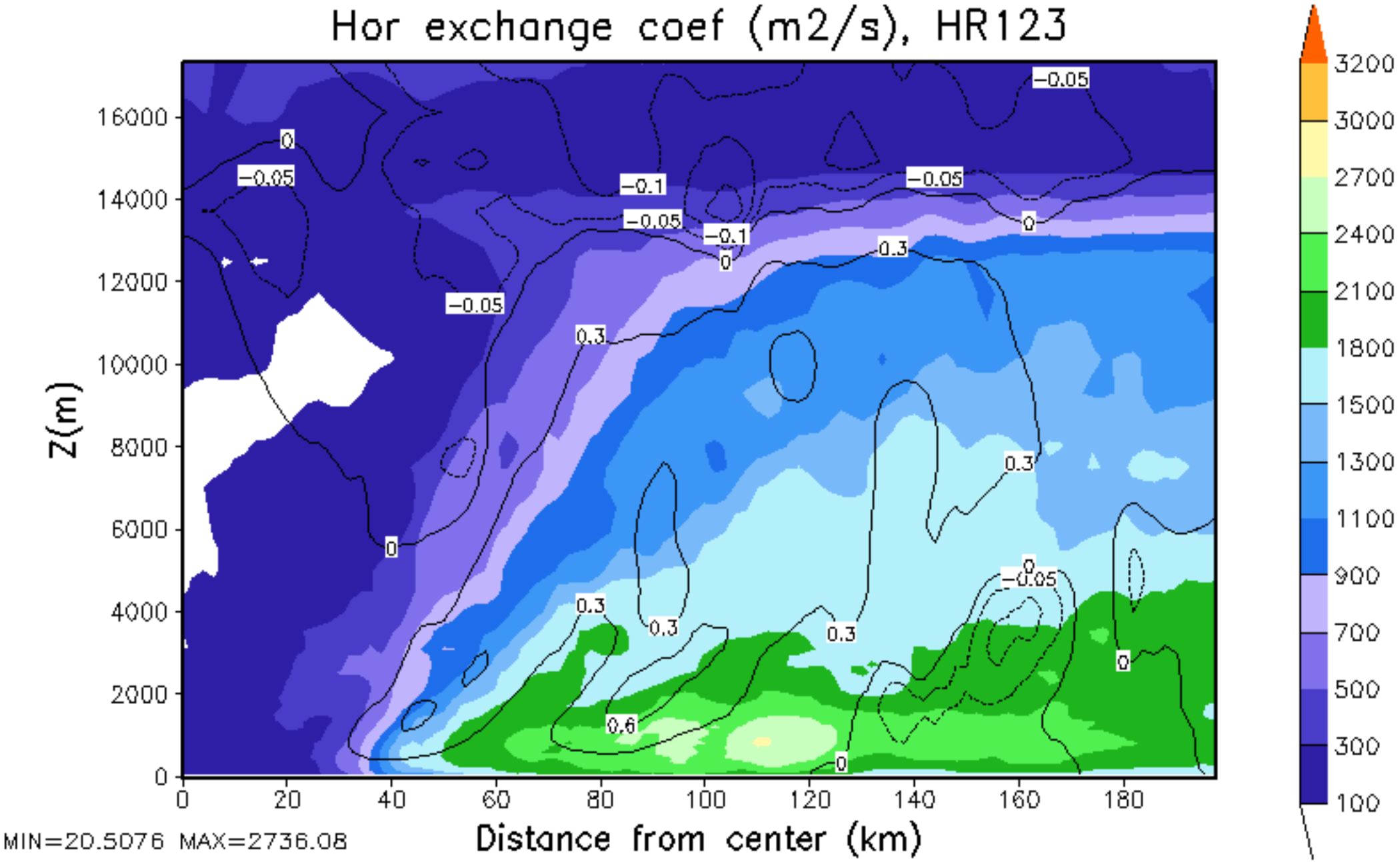
1500
1300
1100
900
700
500
300
100


Hor exchange coef (m2/s), HR123
Z(m)
Distance from center (km)
MIN=20.5076 MAX=2736.08
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
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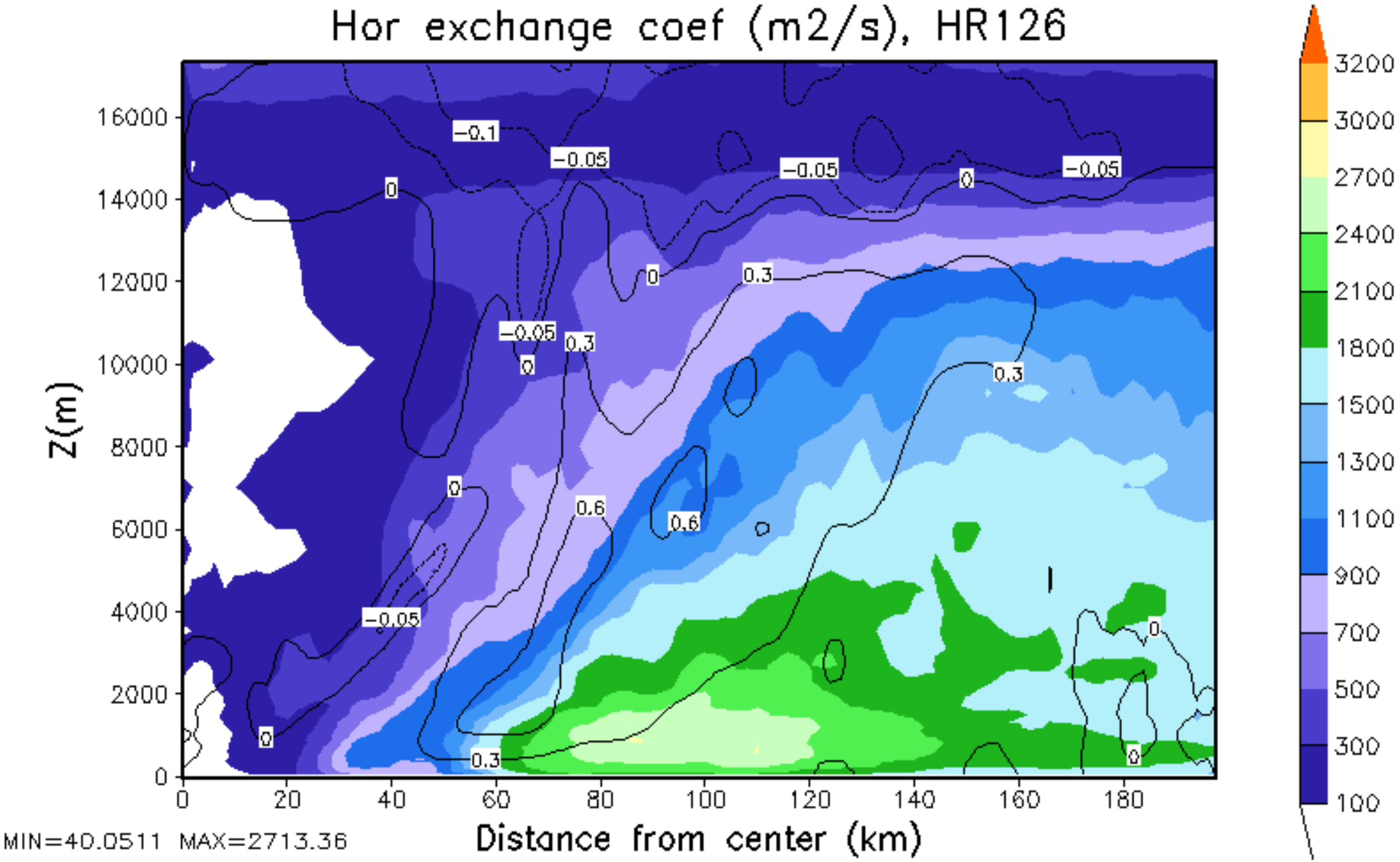
−0.05
−0.1
0.3
0.6


Hor exchange coef (m2/s), HR126
Z(m)
Distance from center (km)
MIN=40.0511 MAX=2713.36
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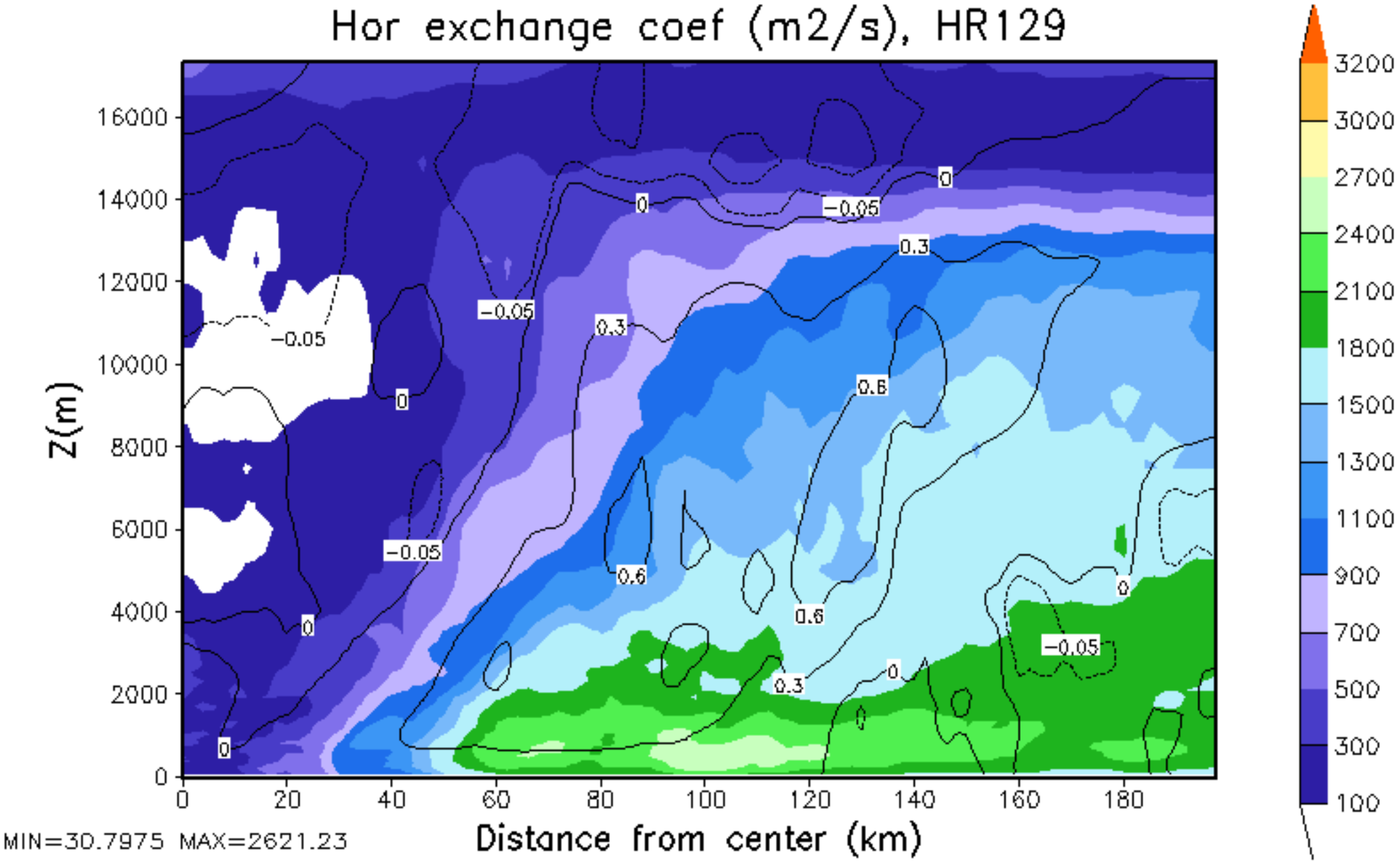
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
-0.1
-0.05
0
0.3
0.6
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100


Hor exchange coef (m2/s), HR129
Z(m)
Distance from center (km)
MIN=30.7975 MAX=2621.23
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
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1800
1500
1300
1100
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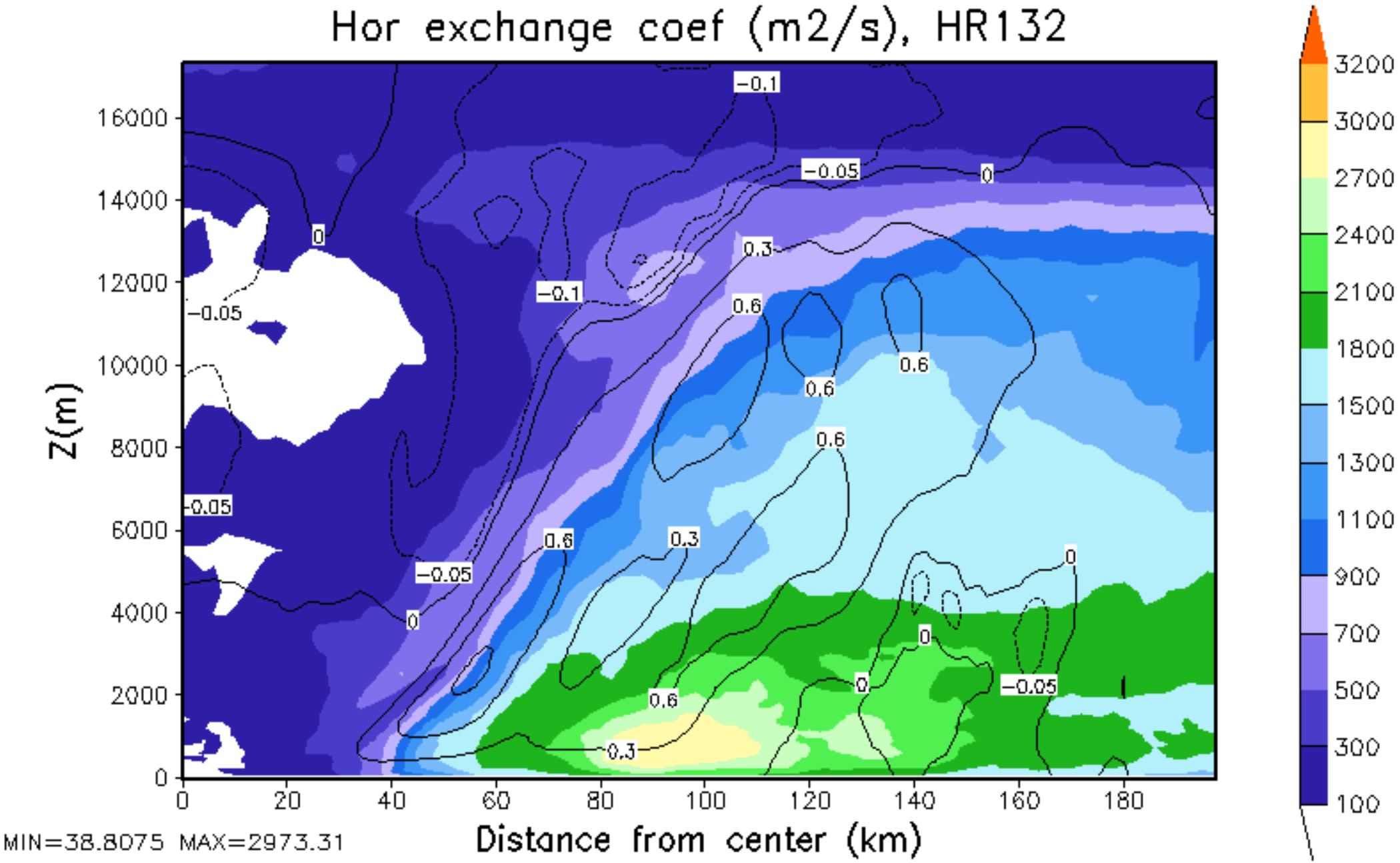
300
100
-0.05
0
0.3
0.6


Hor exchange coef (m2/s), HR132
Z(m)
Distance from center (km)
MIN=38.8075 MAX=2973.31
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
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1300
1100
900
700
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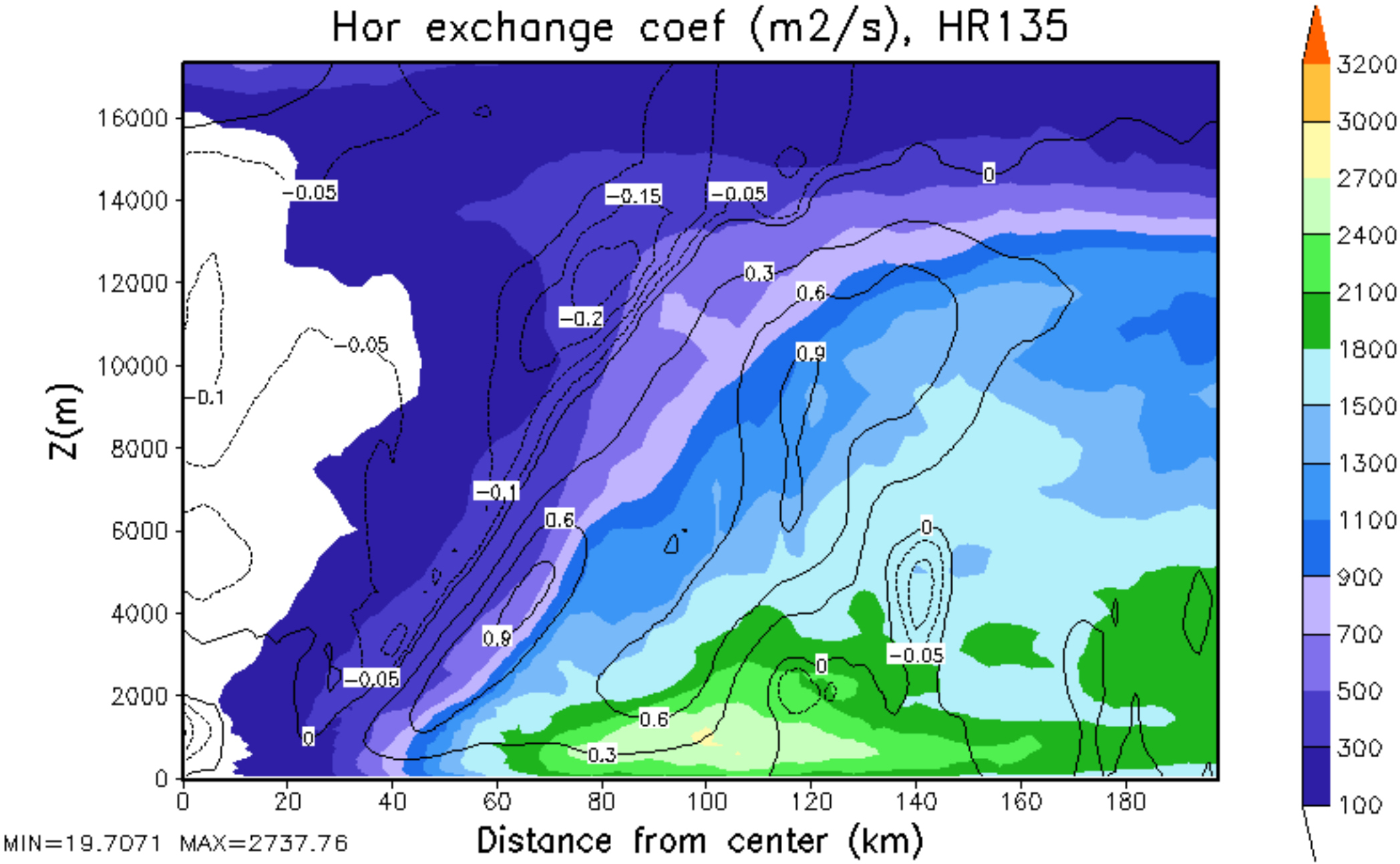
-0.1
-0.05
0
0.3
0.6


Hor exchange coef (m2/s), HR135
Z(m)
Distance from center (km)
MIN=19.7071 MAX=2737.76
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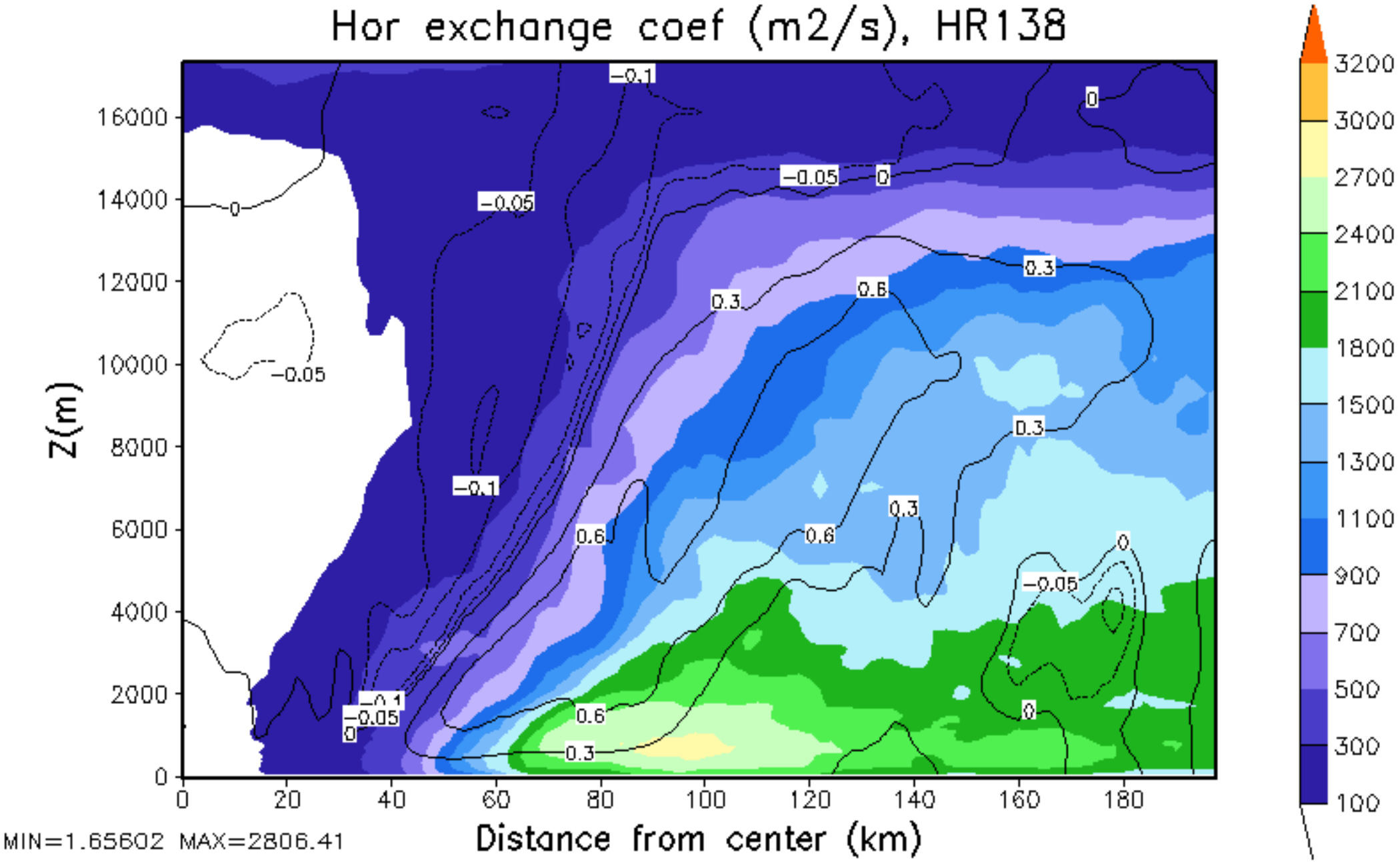
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.05
-0.15
-0.05
0
0.3
0.6
-0.2
0.9
-0.05
-0.1
0.1
-0.1
0.6
0
0.9
-0.05
0
-0.05
0
0.6
0.3


Hor exchange coef (m2/s), HR138
Z(m)
Distance from center (km)
MIN=1.65602 MAX=2806.41
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
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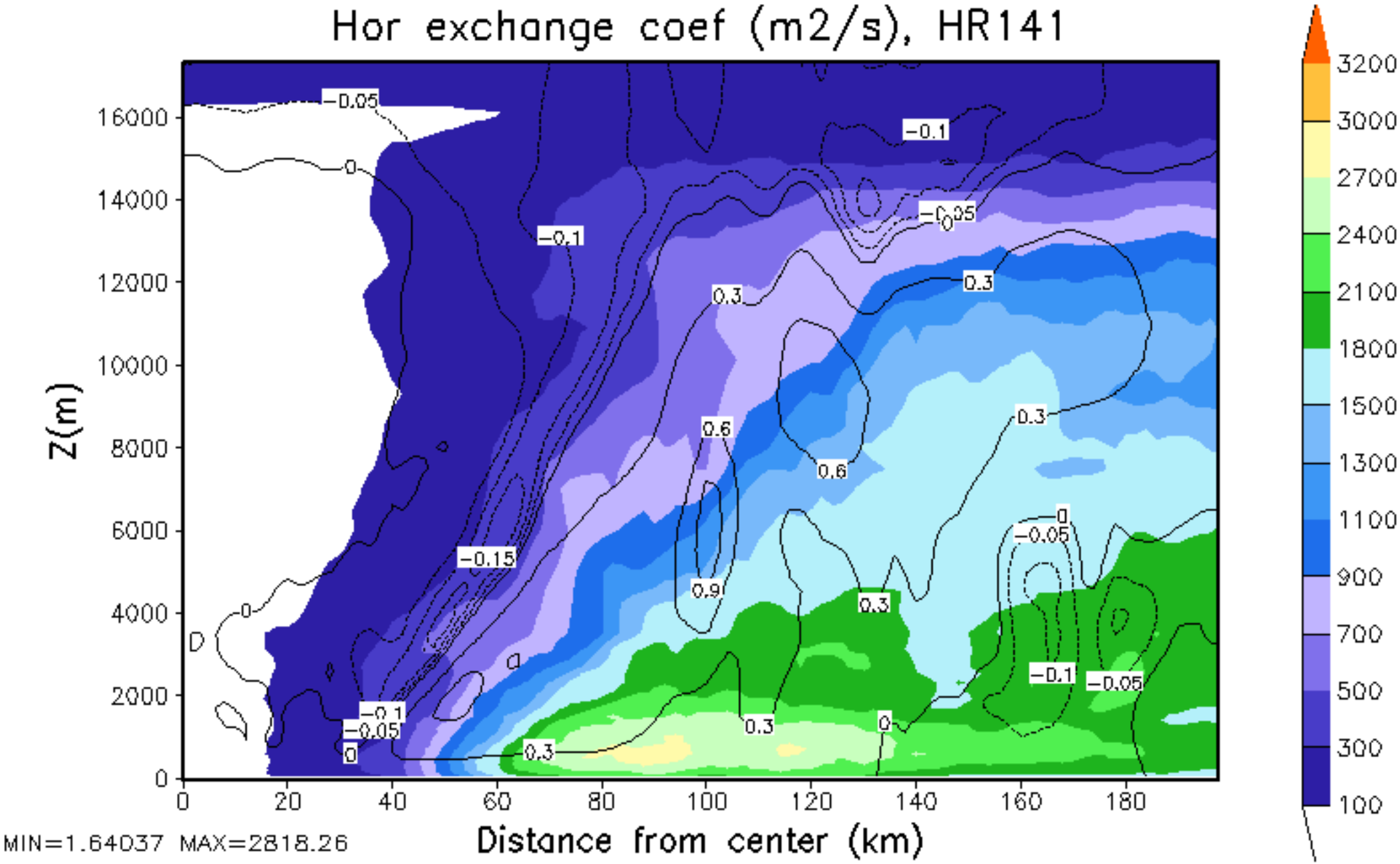
1500
1300
1100
900
700
500
300
100
-0.1
-0.05
0
0.3
0.6


Hor exchange coef (m2/s), HR141
Z(m)
Distance from center (km)
MIN=1.64037 MAX=2818.26
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6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
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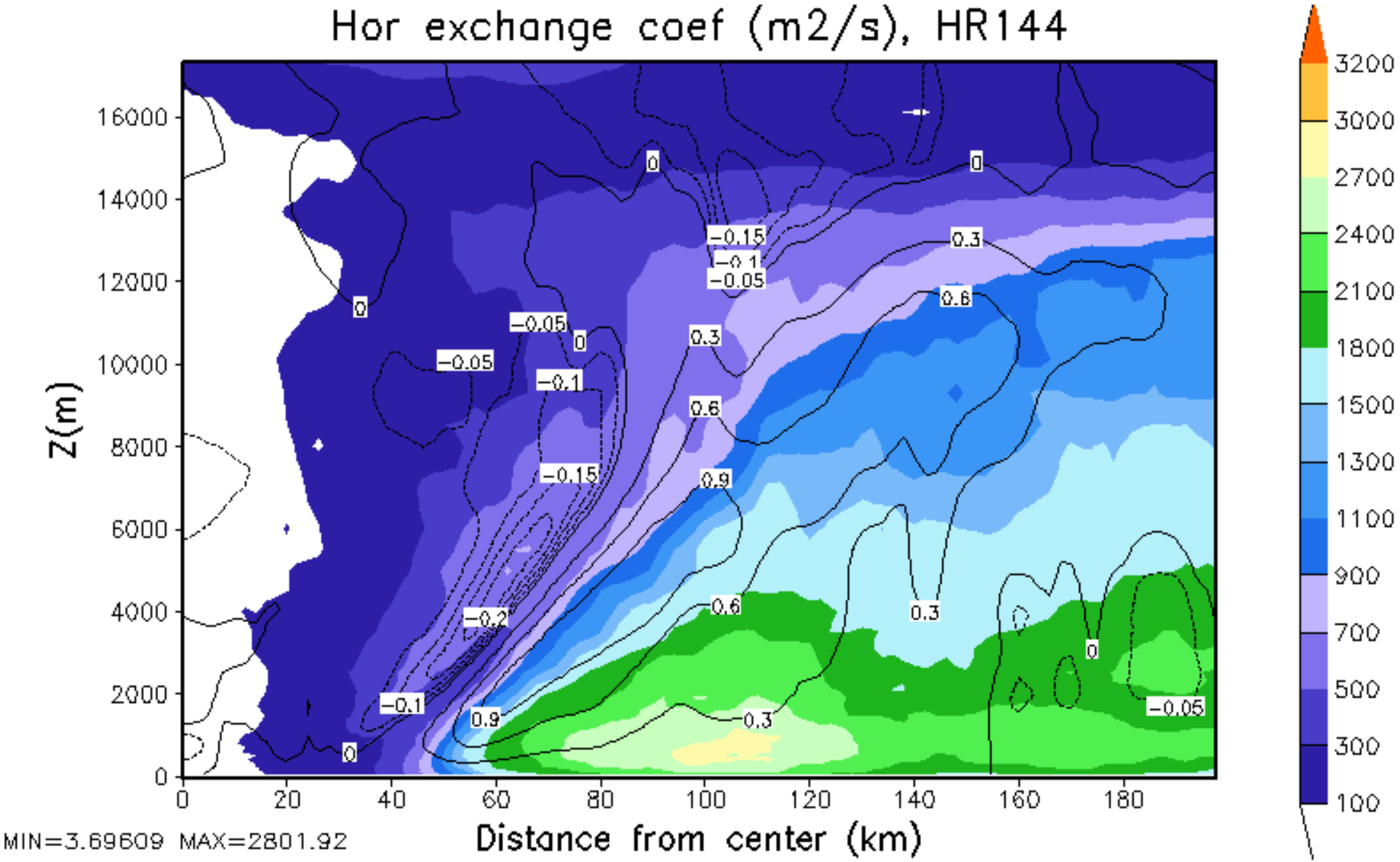
900
700
500
300
100
-0.05
-0.1
-0.15
0.3
0.6
0.9


Hor exchange coef (m2/s), HR144
Z(m)
Distance from center (km)
MIN=3.69609 MAX=2801.92
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6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100