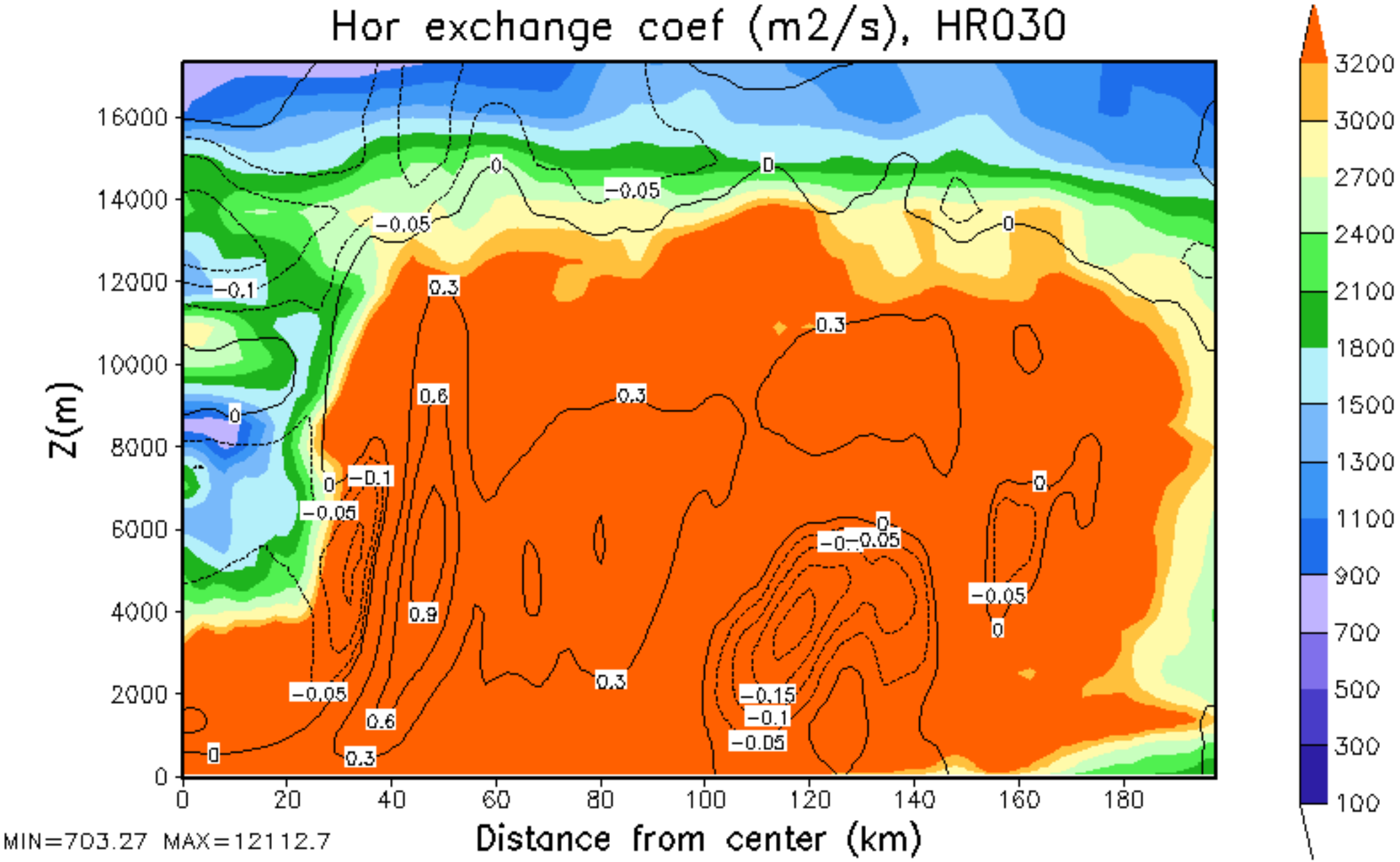
Hor exchange coef (m2/s), HR030
Z(m)
Distance from center (km)
MIN=703.27 MAX=12112.7
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
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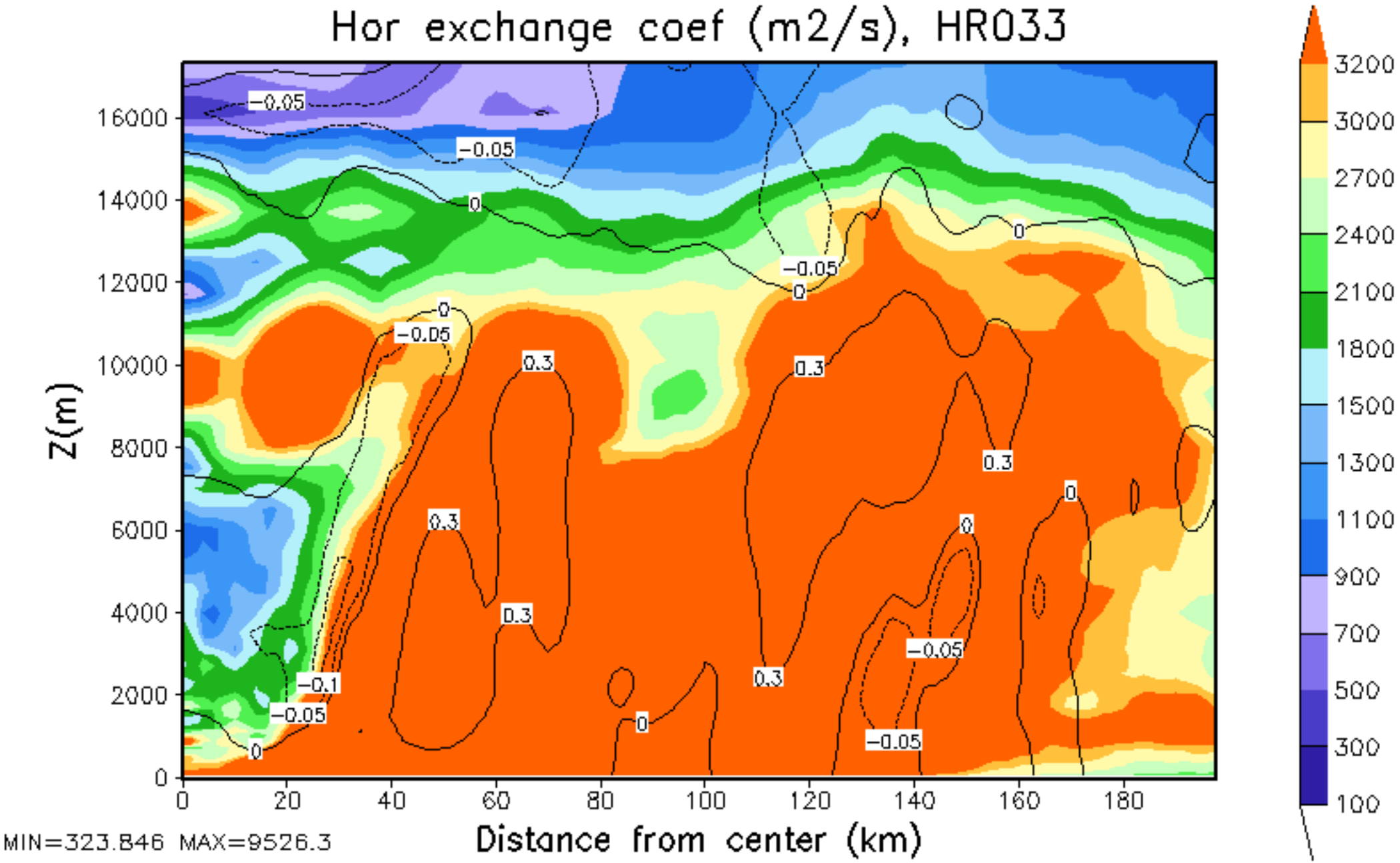
Hor exchange coef (m2/s), HR033
Z(m)
Distance from center (km)
MIN=323.846 MAX=9526.3
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6000
8000
10000
12000
14000
16000
0
20
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60
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100
120
140
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180
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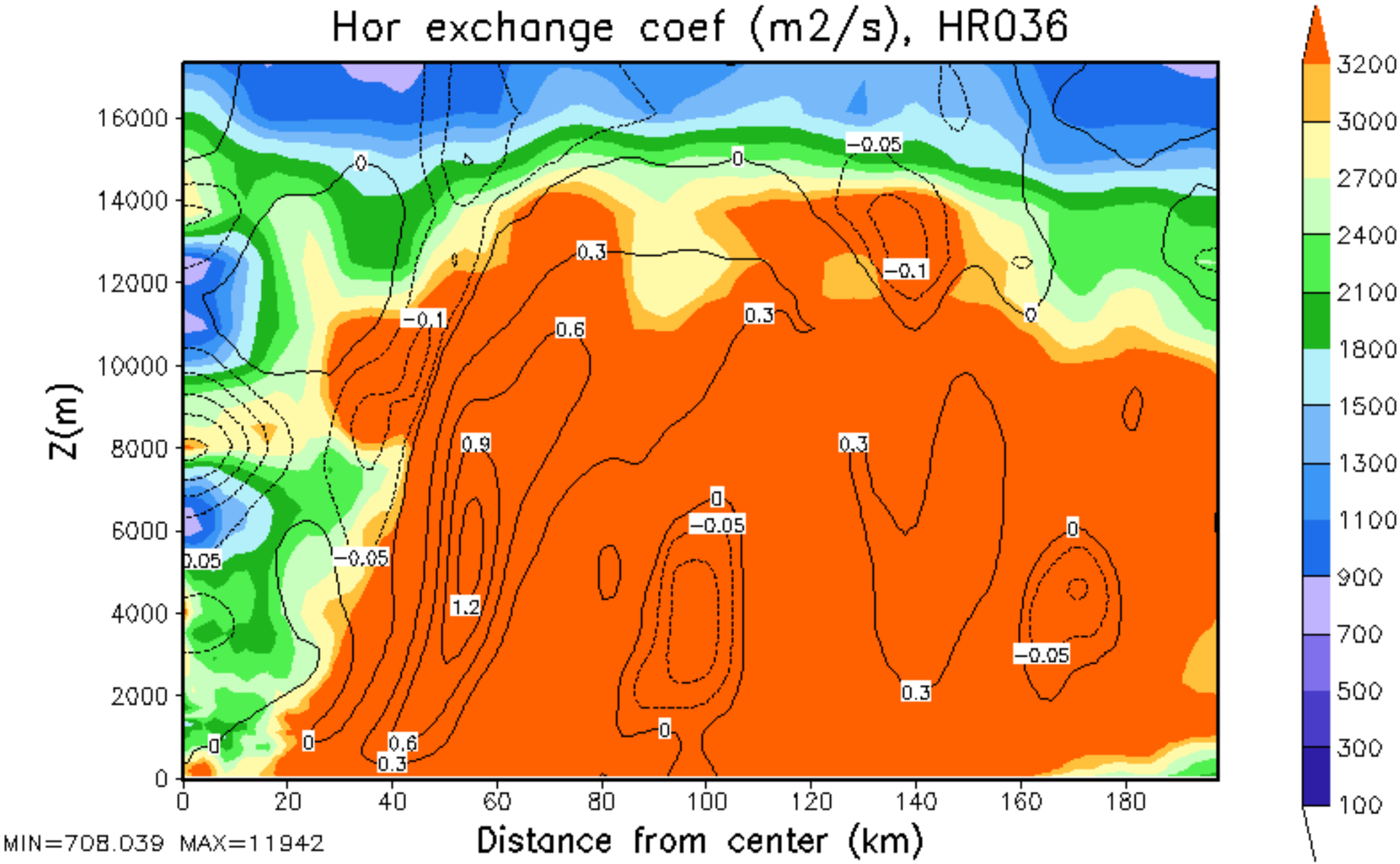
-0.1


Hor exchange coef (m2/s), HR036
Z(m)
Distance from center (km)
MIN=708.039 MAX=11942
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
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3200
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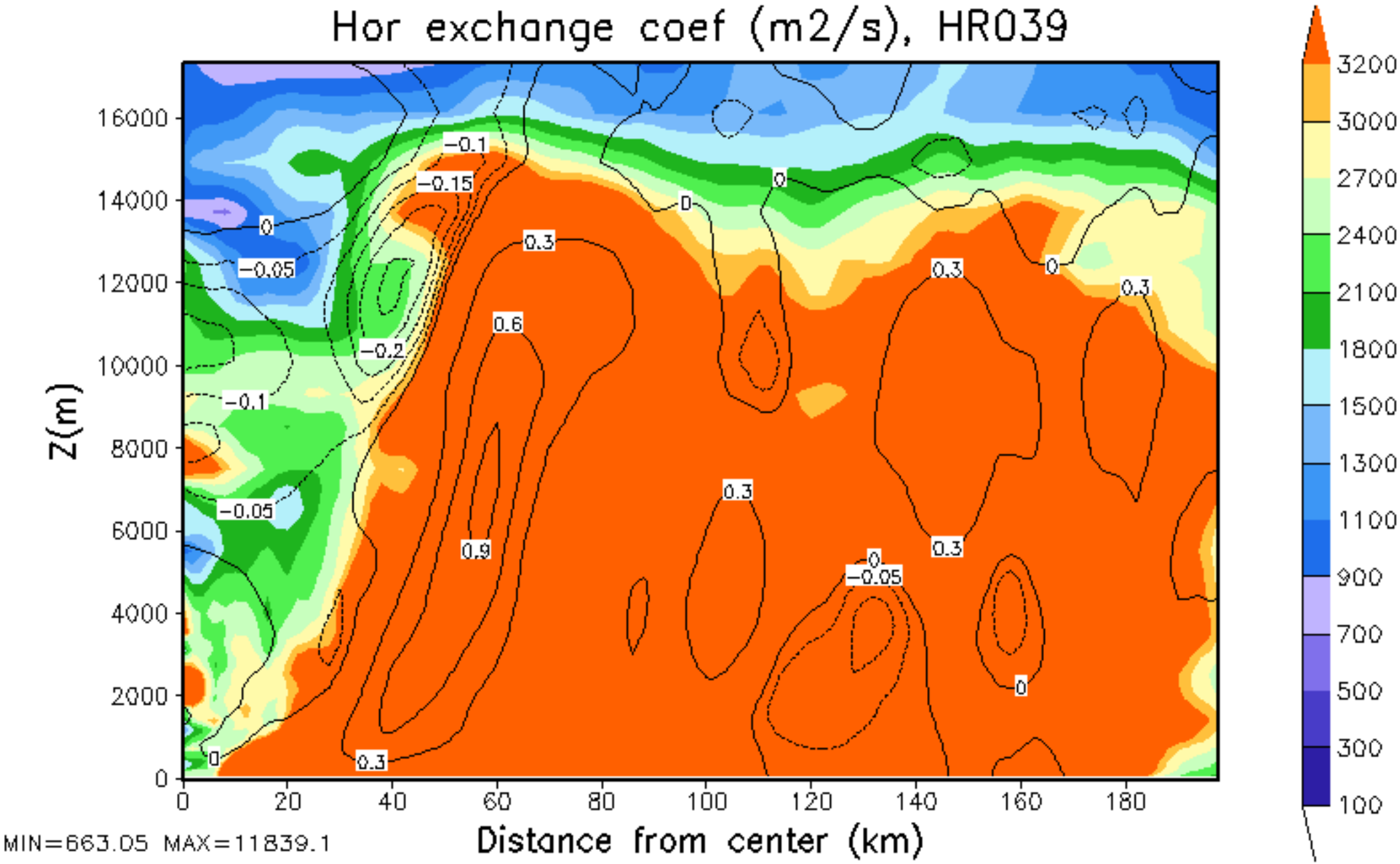

Hor exchange coef (m2/s), HR039
Z(m)
Distance from center (km)
MIN=663.05 MAX=11839.1
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4000
6000
8000
10000
12000
14000
16000
0
20
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60
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100
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2400
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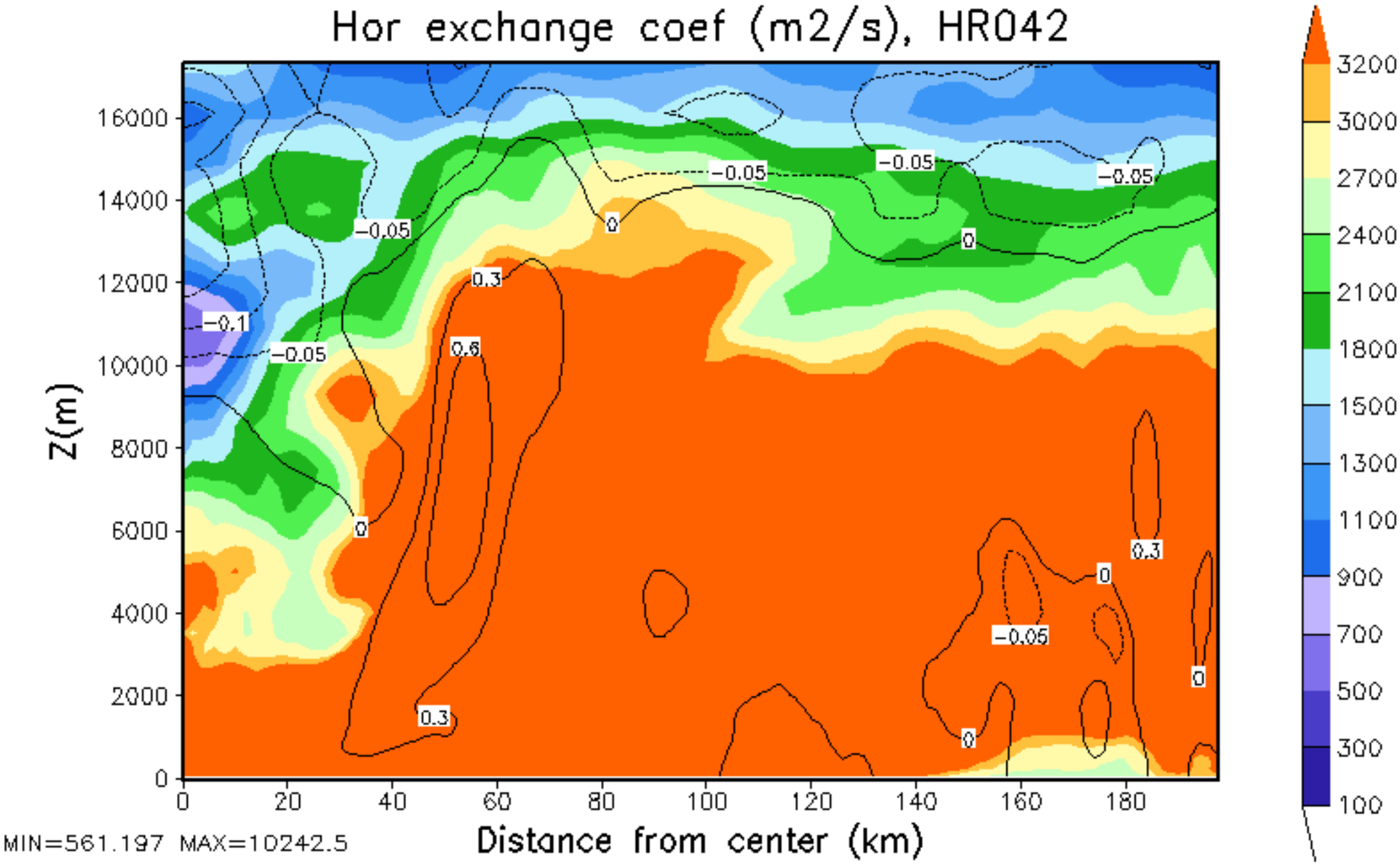
Hor exchange coef (m2/s), HR042
Z(m)
Distance from center (km)
MIN=561.197 MAX=10242.5
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4000
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8000
10000
12000
14000
16000
0
20
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80
100
120
140
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3200
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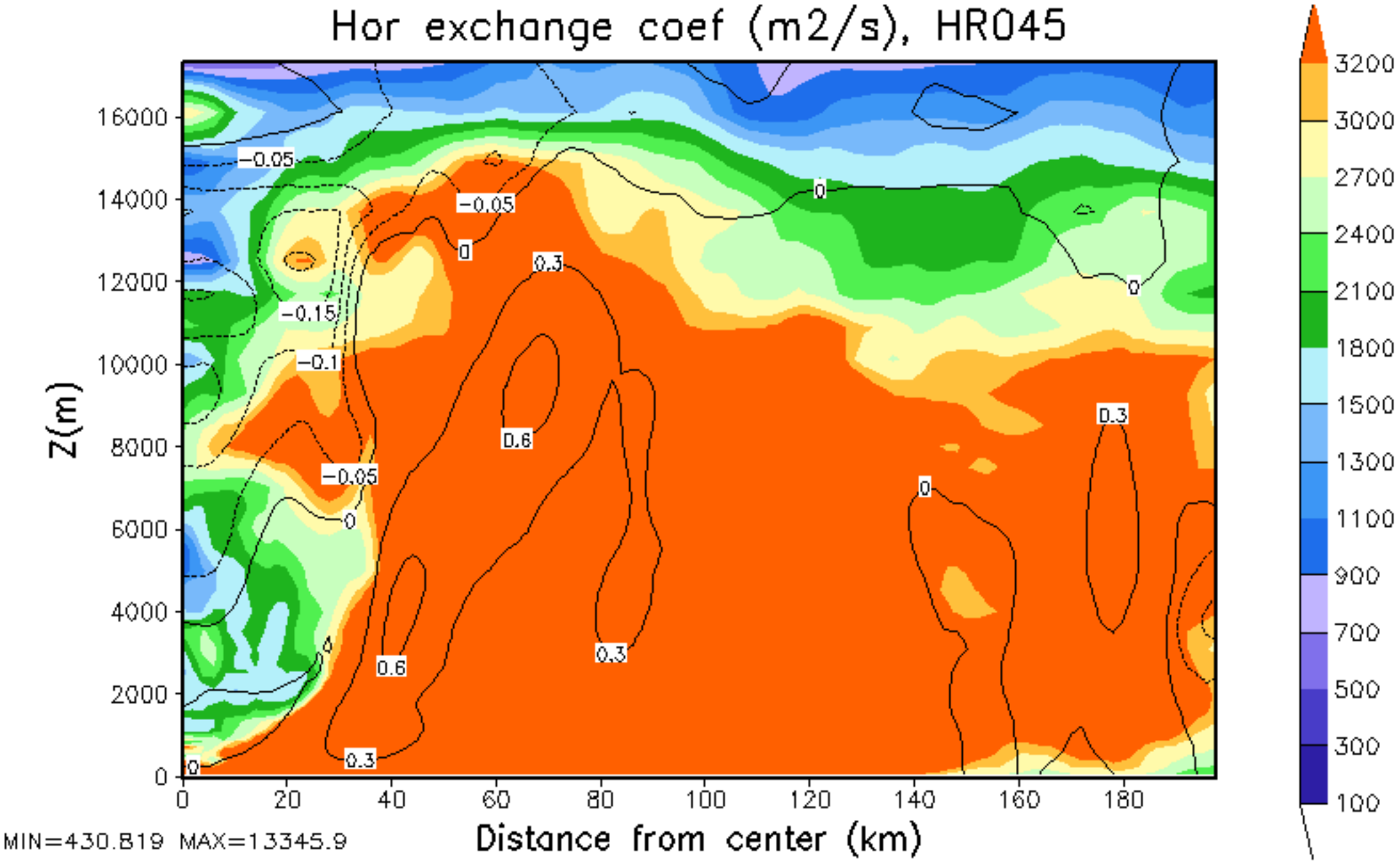
Hor exchange coef (m2/s), HR045
Z(m)
Distance from center (km)
MIN=430.819 MAX=13345.9
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4000
6000
8000
10000
12000
14000
16000
0
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40
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80
100
120
140
160
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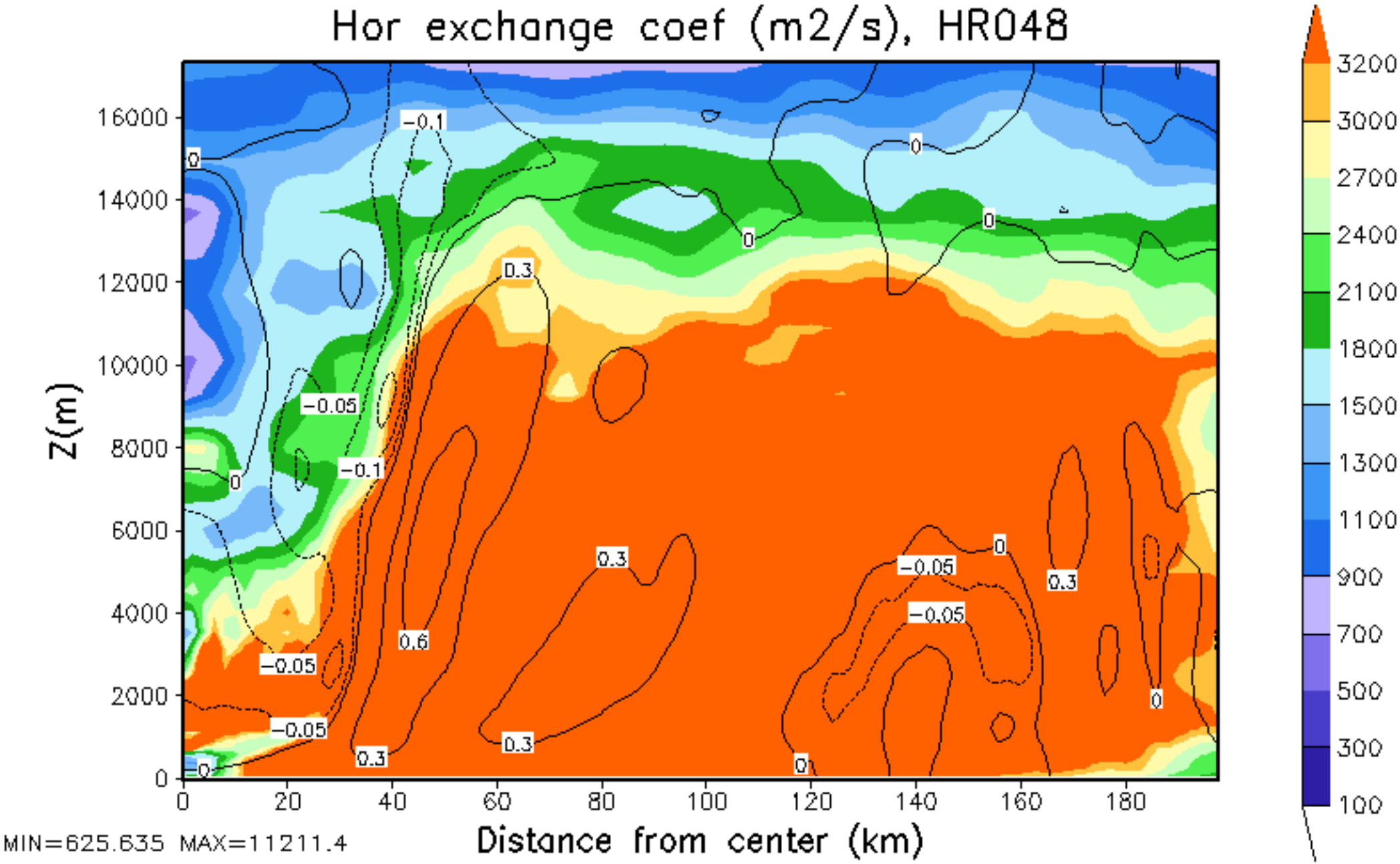
0.6


Hor exchange coef (m2/s), HR048
Z(m)
Distance from center (km)
MIN=625.635 MAX=11211.4
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4000
6000
8000
10000
12000
14000
16000
0
20
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60
80
100
120
140
160
180
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-0.05
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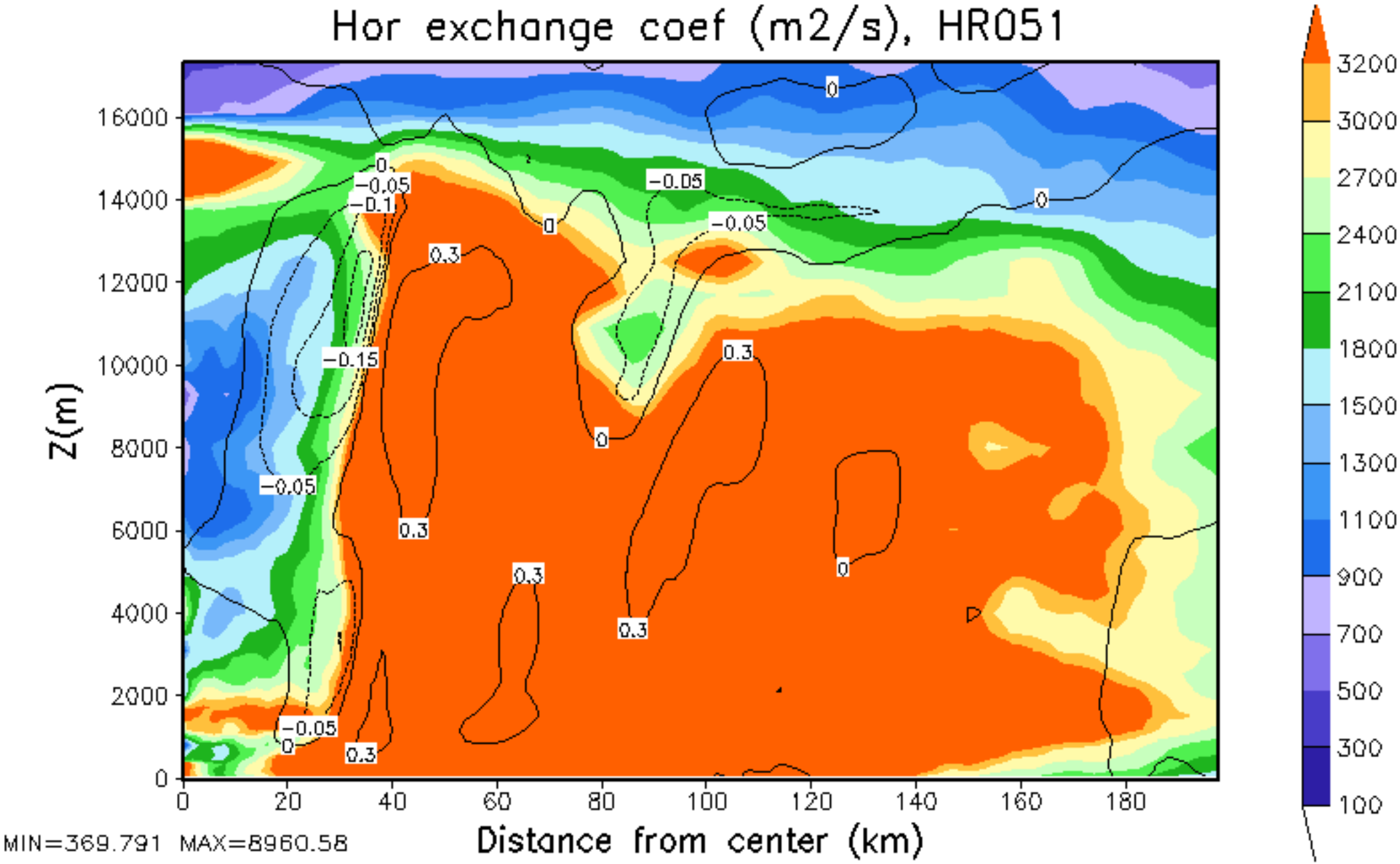
0.6


Hor exchange coef (m2/s), HR051
Z(m)
Distance from center (km)
MIN=369.791 MAX=8960.58
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6000
8000
10000
12000
14000
16000
0
20
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60
80
100
120
140
160
180
3200
3000
2700
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700
500
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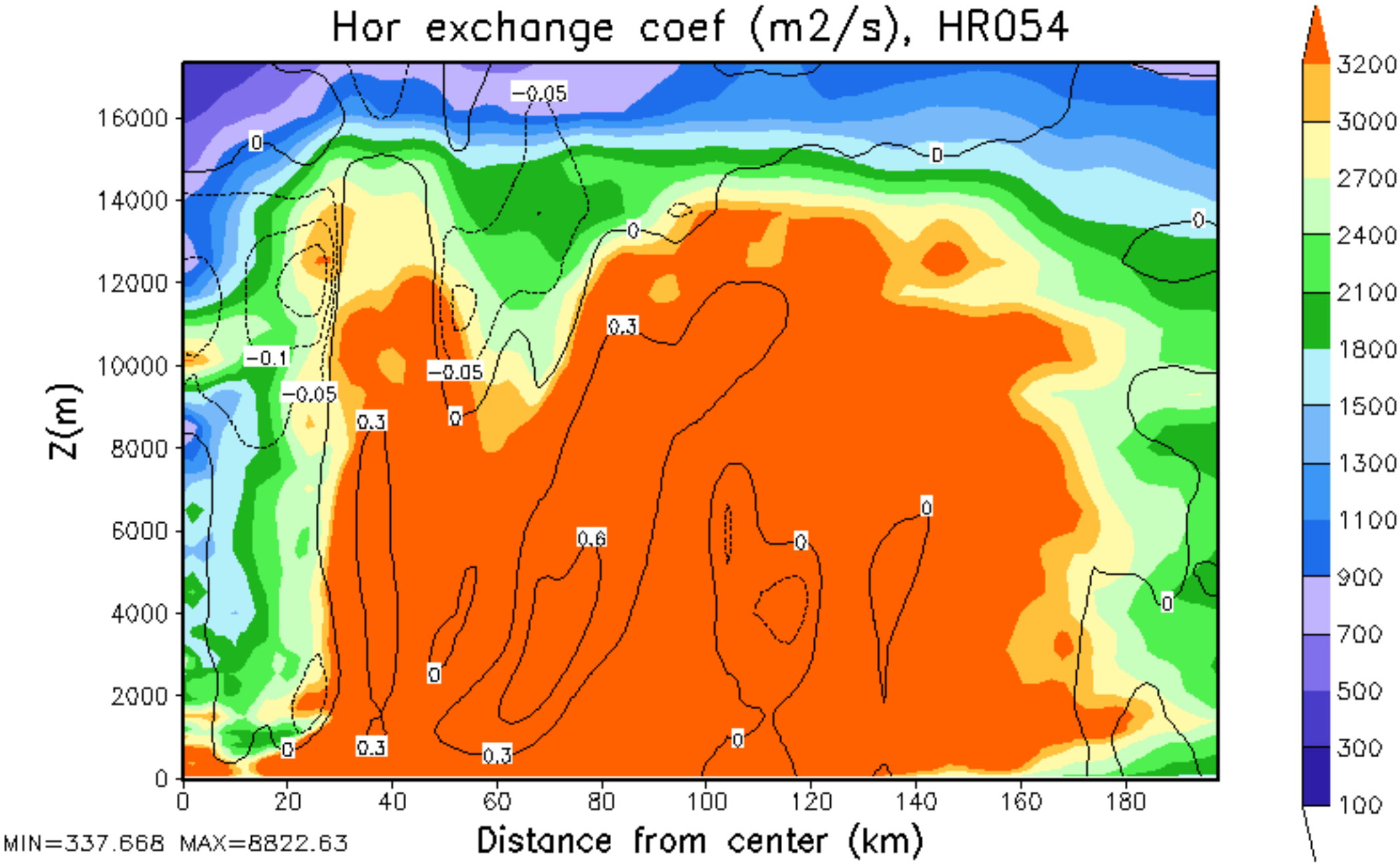
-0.05
-0.1
-0.15
0.3


Hor exchange coef (m2/s), HR054
Z(m)
Distance from center (km)
MIN=337.668 MAX=8822.63
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6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
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3000
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1300
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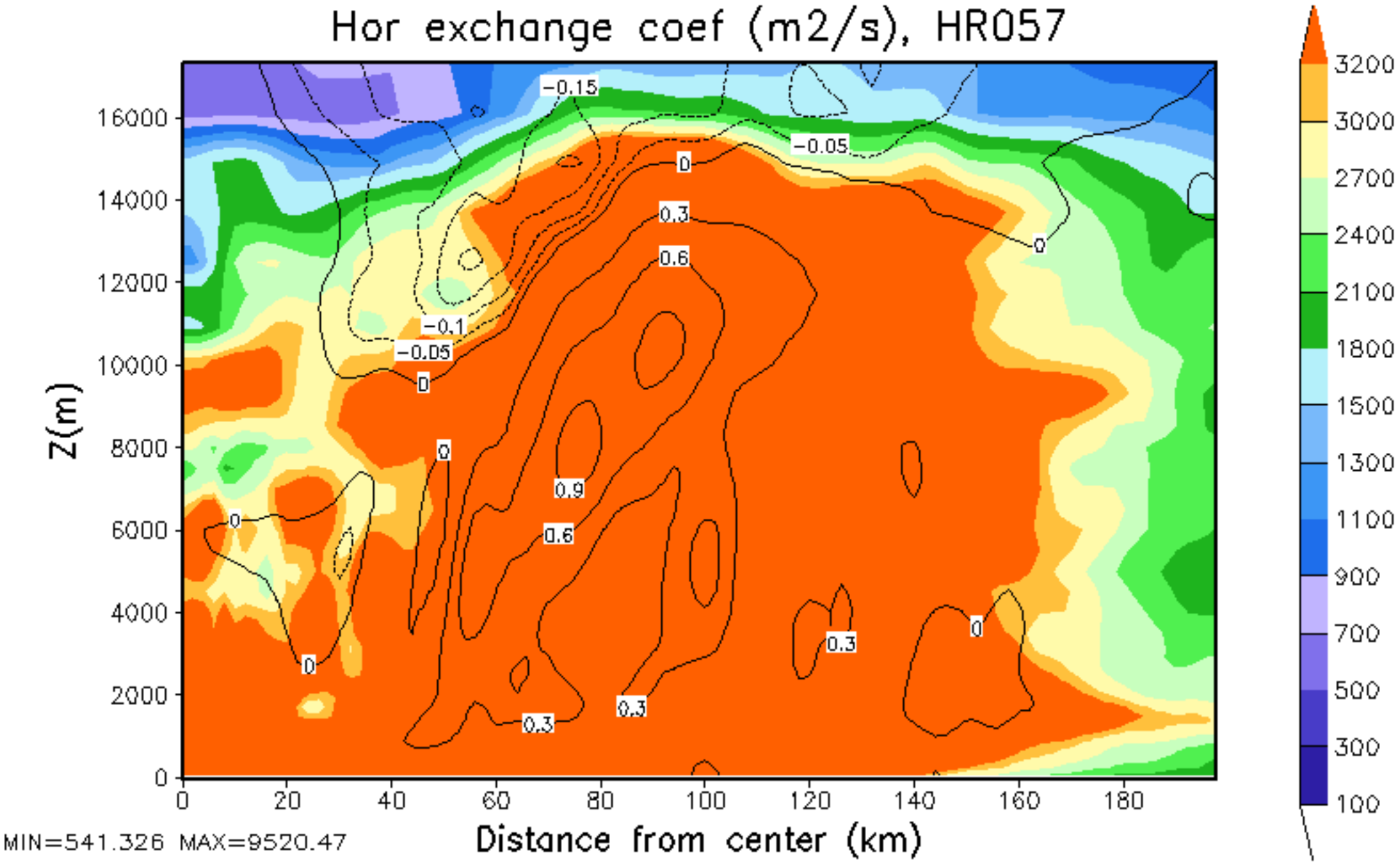
0.3
0.6


Hor exchange coef (m2/s), HR057
Z(m)
Distance from center (km)
MIN=541.326 MAX=9520.47
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8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
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0.3
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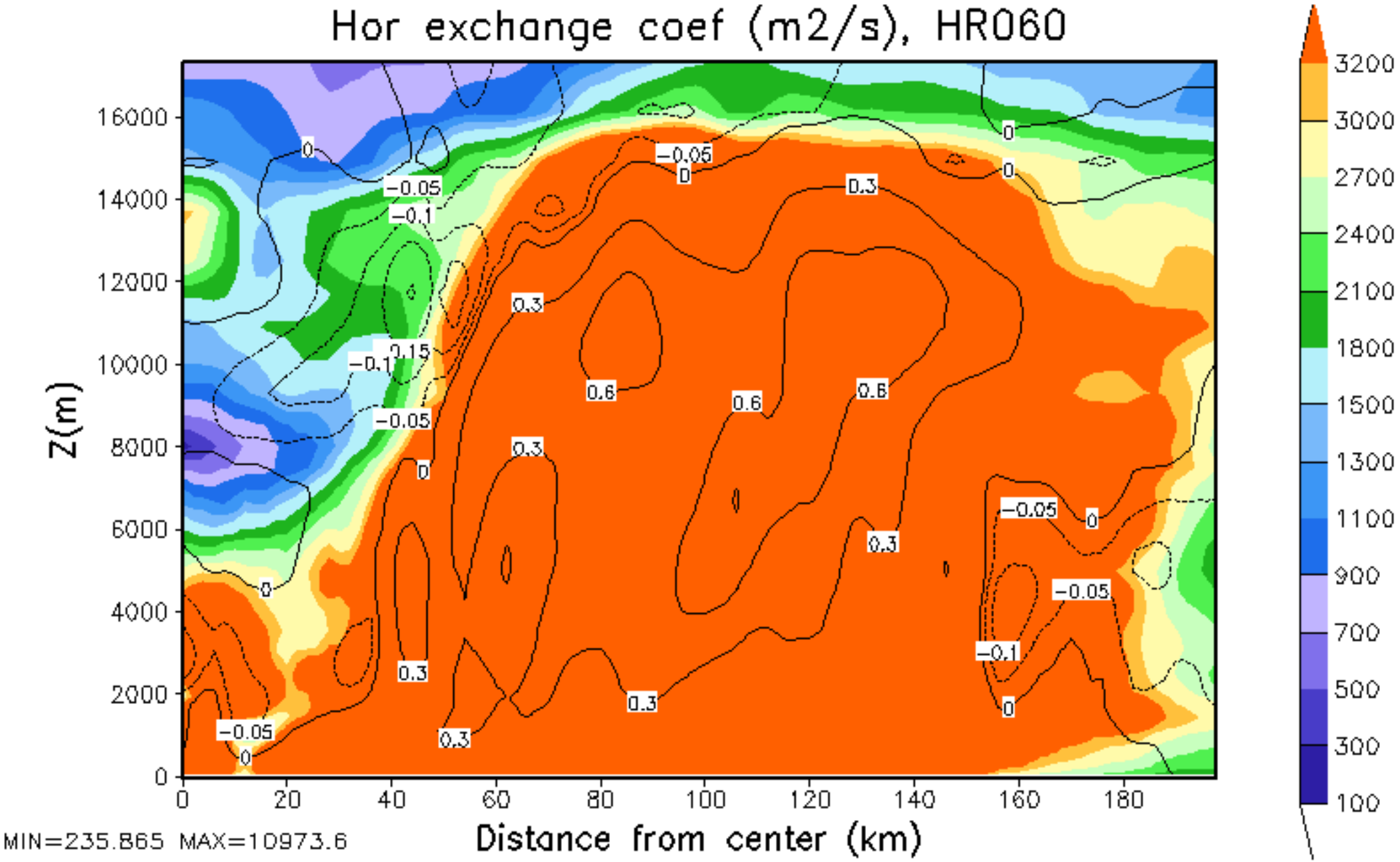
Hor exchange coef (m2/s), HR060
Z(m)
Distance from center (km)
MIN=235.865 MAX=10973.6
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
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2400
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300
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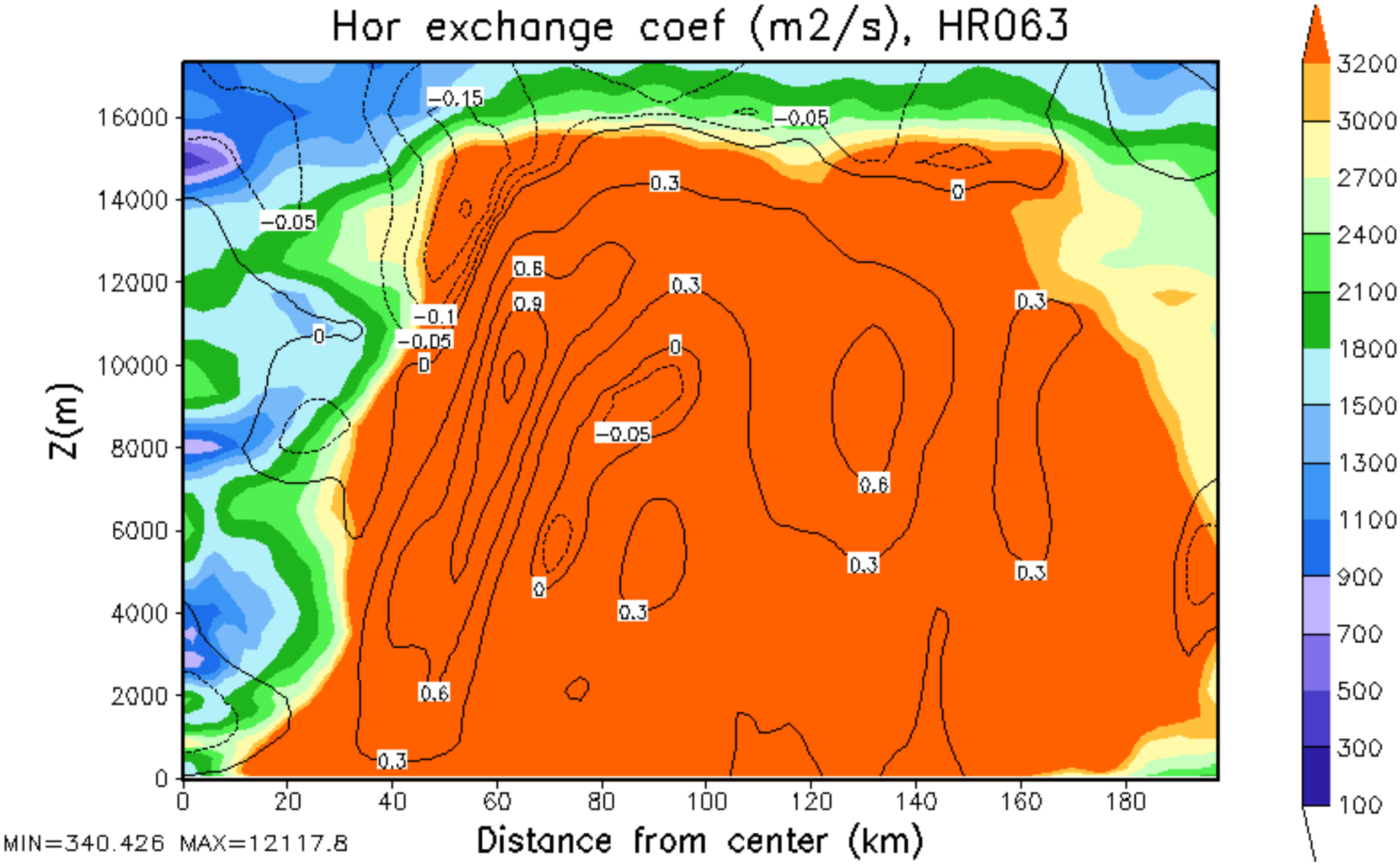
Hor exchange coef (m2/s), HR063
Z(m)
Distance from center (km)
MIN=340.426 MAX=12117.8
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6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
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2700
2400
2100
1800
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1300
1100
900
700
500
300
100
-0.15
-0.05
0.3
0
0.6
0.9
-0.1
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0.3
0
-0.05
0.6
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0.3
0
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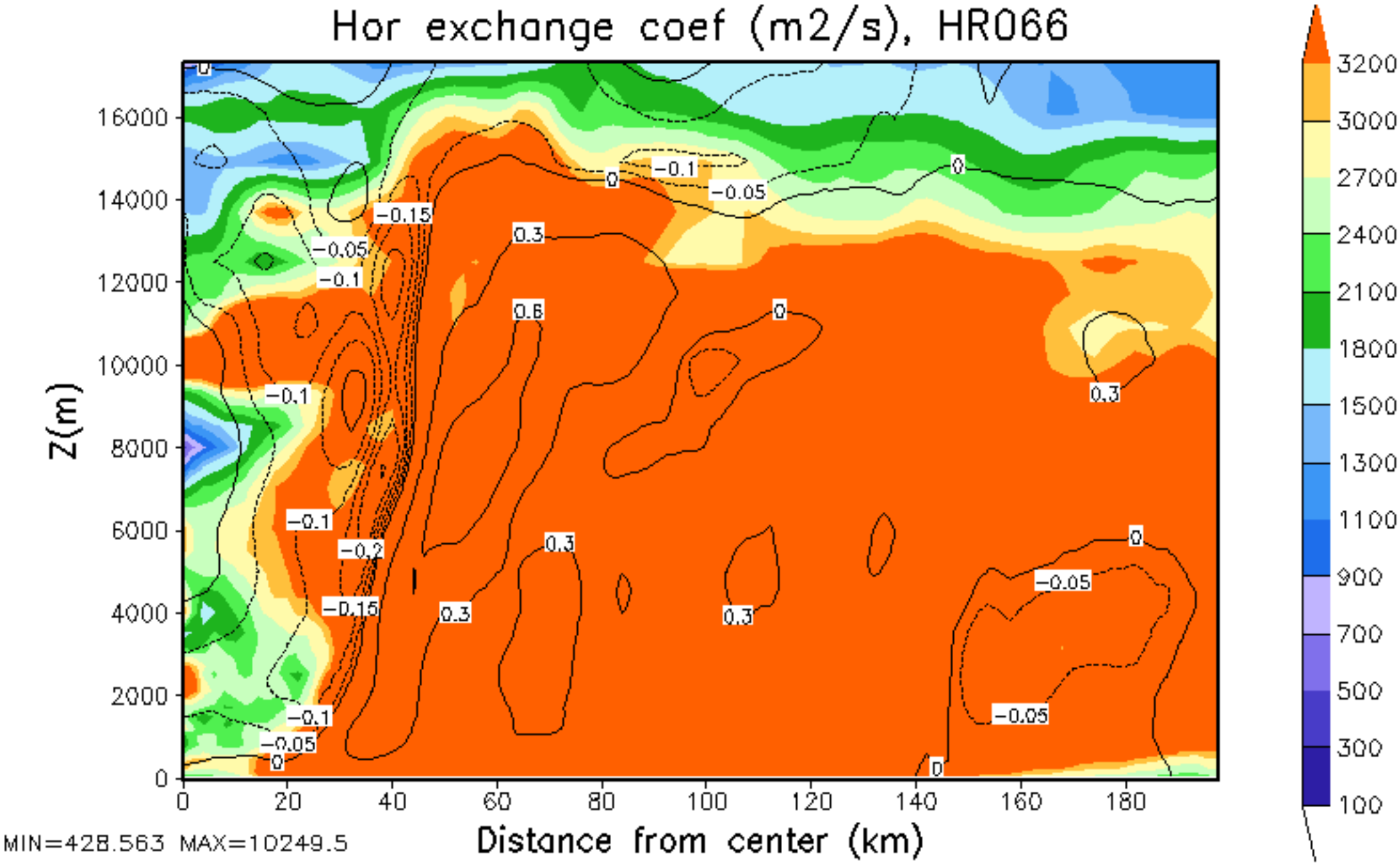
0.6
0.3


Hor exchange coef (m2/s), HR066
Z(m)
Distance from center (km)
MIN=428.563 MAX=10249.5
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8000
10000
12000
14000
16000
0
20
40
60
80
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180
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2400
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1500
1300
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700
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300
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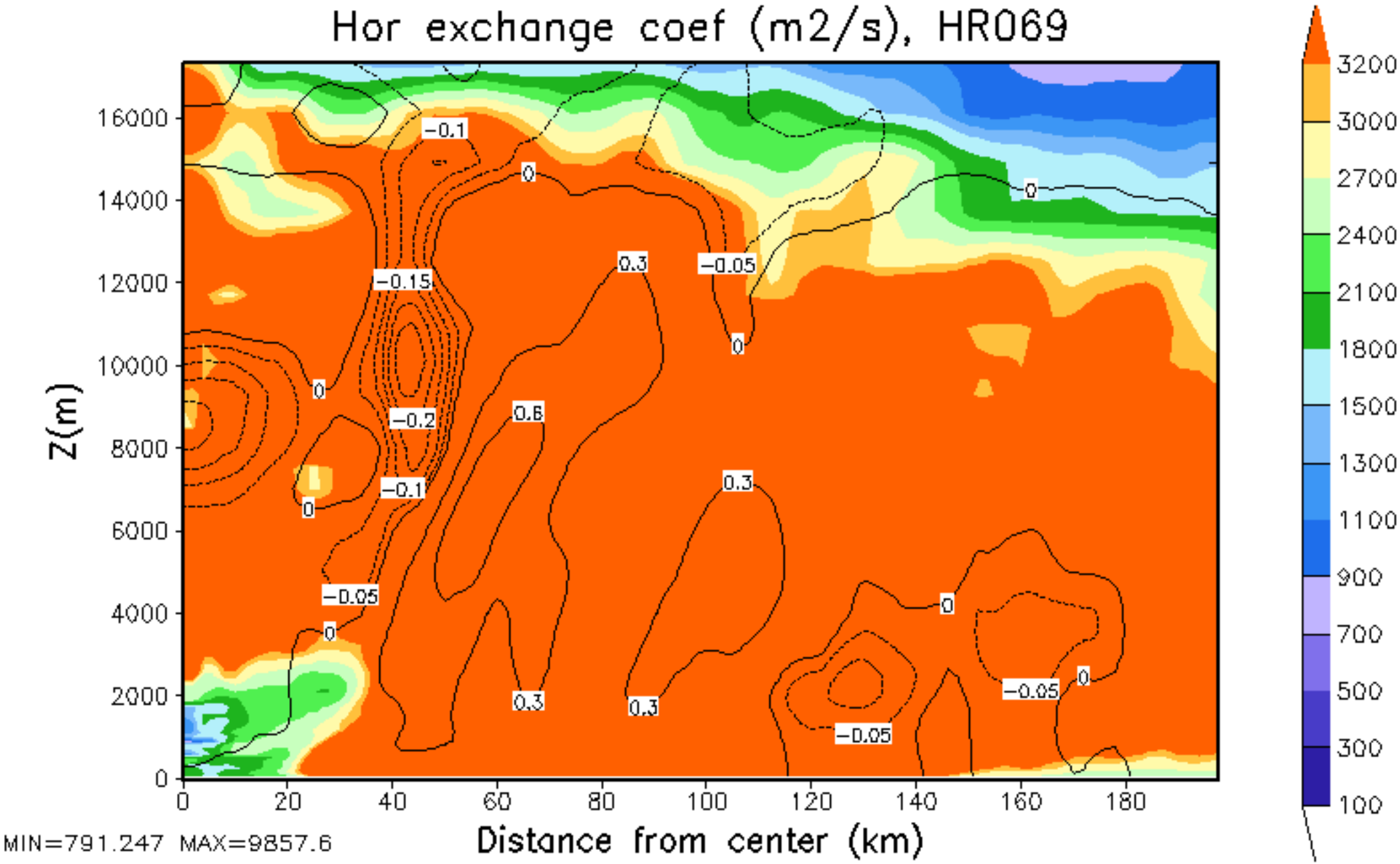
Hor exchange coef (m2/s), HR069
Z(m)
Distance from center (km)
MIN=791.247 MAX=9857.6
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8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.1
0
-0.15
0.3
-0.05
0
0
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0.3
-0.05
0
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0.3
0.3
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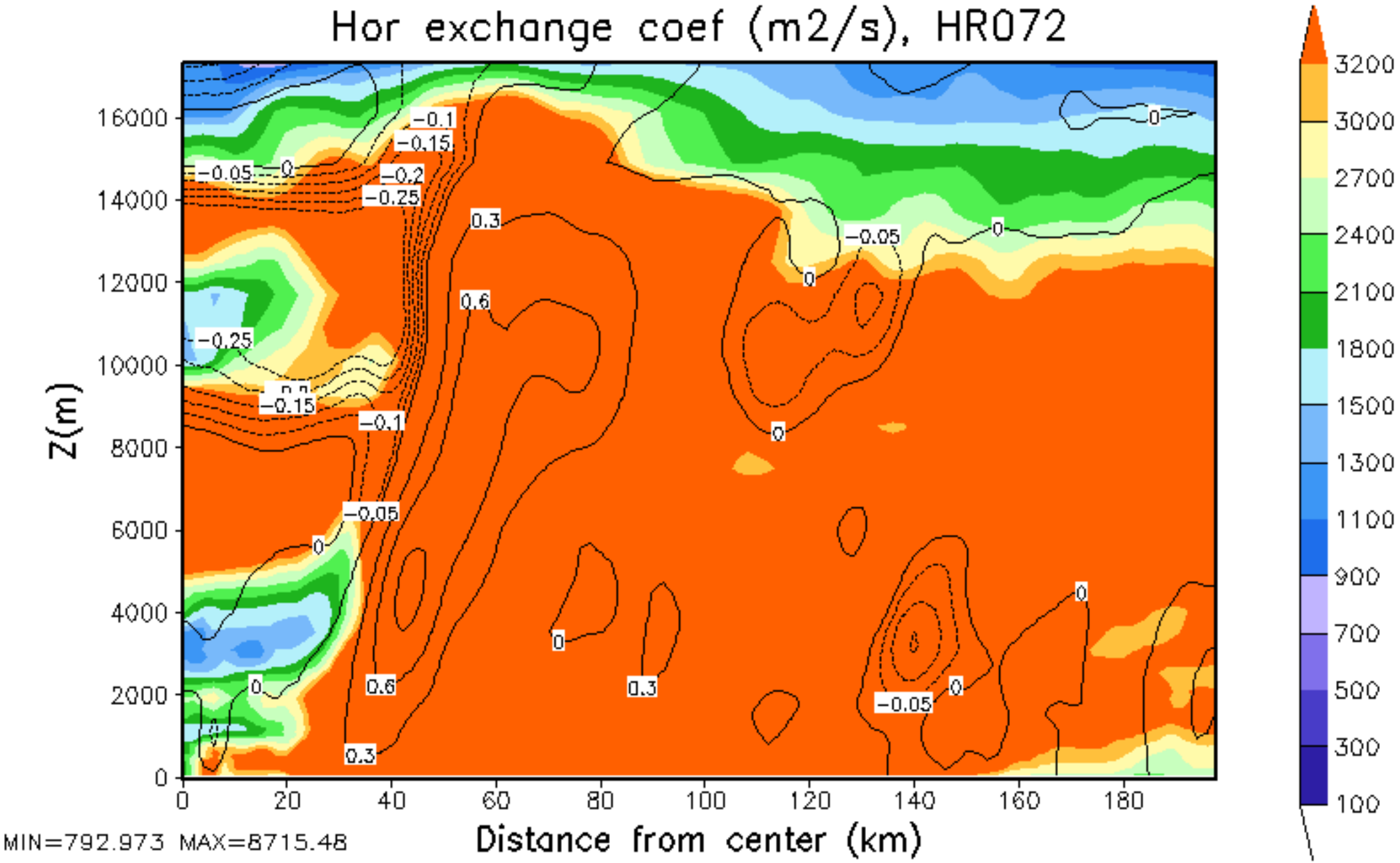
0


Hor exchange coef (m2/s), HR072
Z(m)
Distance from center (km)
MIN=792.973 MAX=8715.48
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8000
10000
12000
14000
16000
0
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40
60
80
100
120
140
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180
3200
3000
2700
2400
2100
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1300
1100
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700
500
300
100
-0.1
-0.15
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-0.25
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0.3
0.6
-0.25
-0.15
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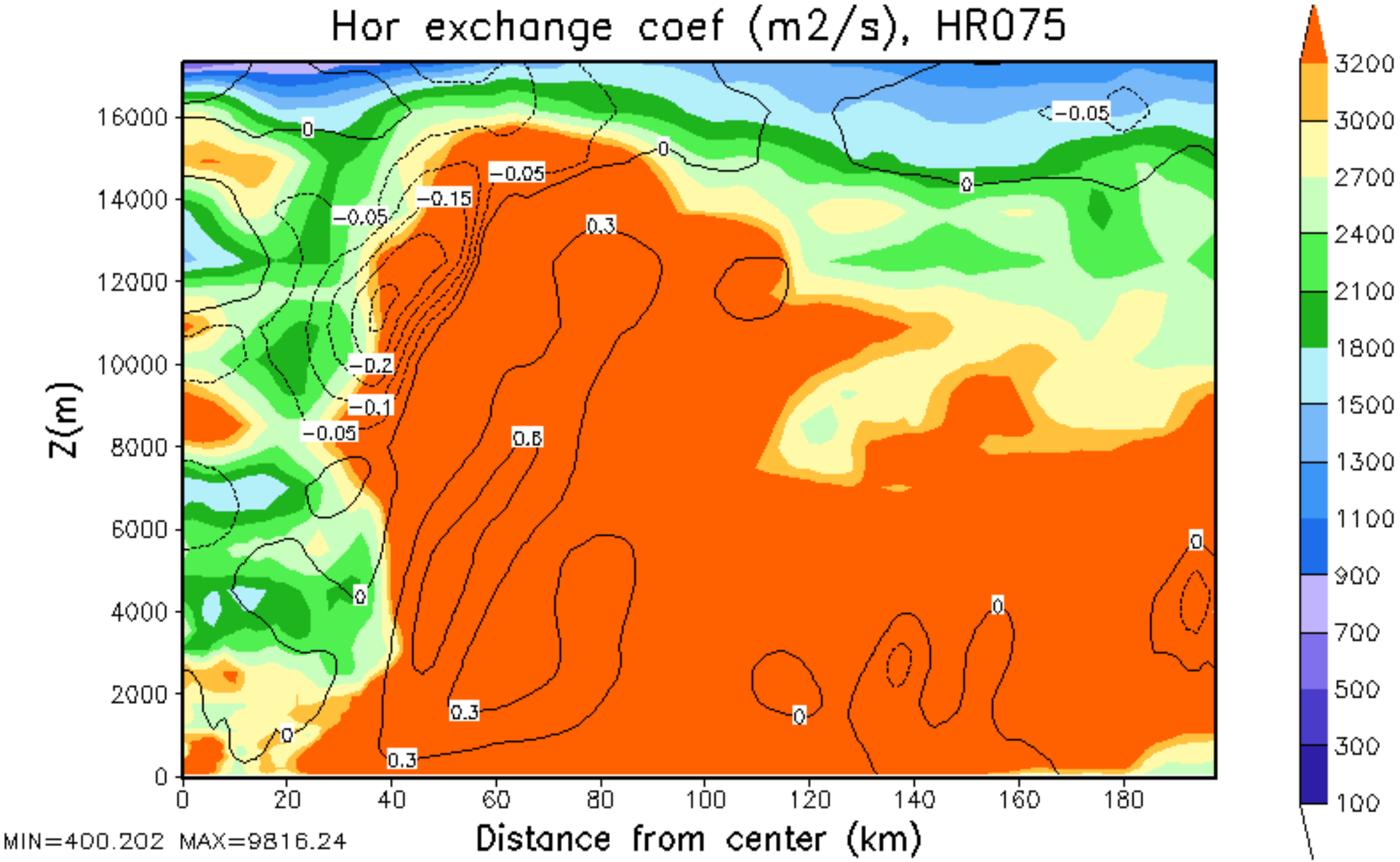
Hor exchange coef (m2/s), HR075
Z(m)
Distance from center (km)
MIN=400.202 MAX=9816.24
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4000
6000
8000
10000
12000
14000
16000
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60
80
100
120
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180
3200
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2700
2400
2100
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-0.05
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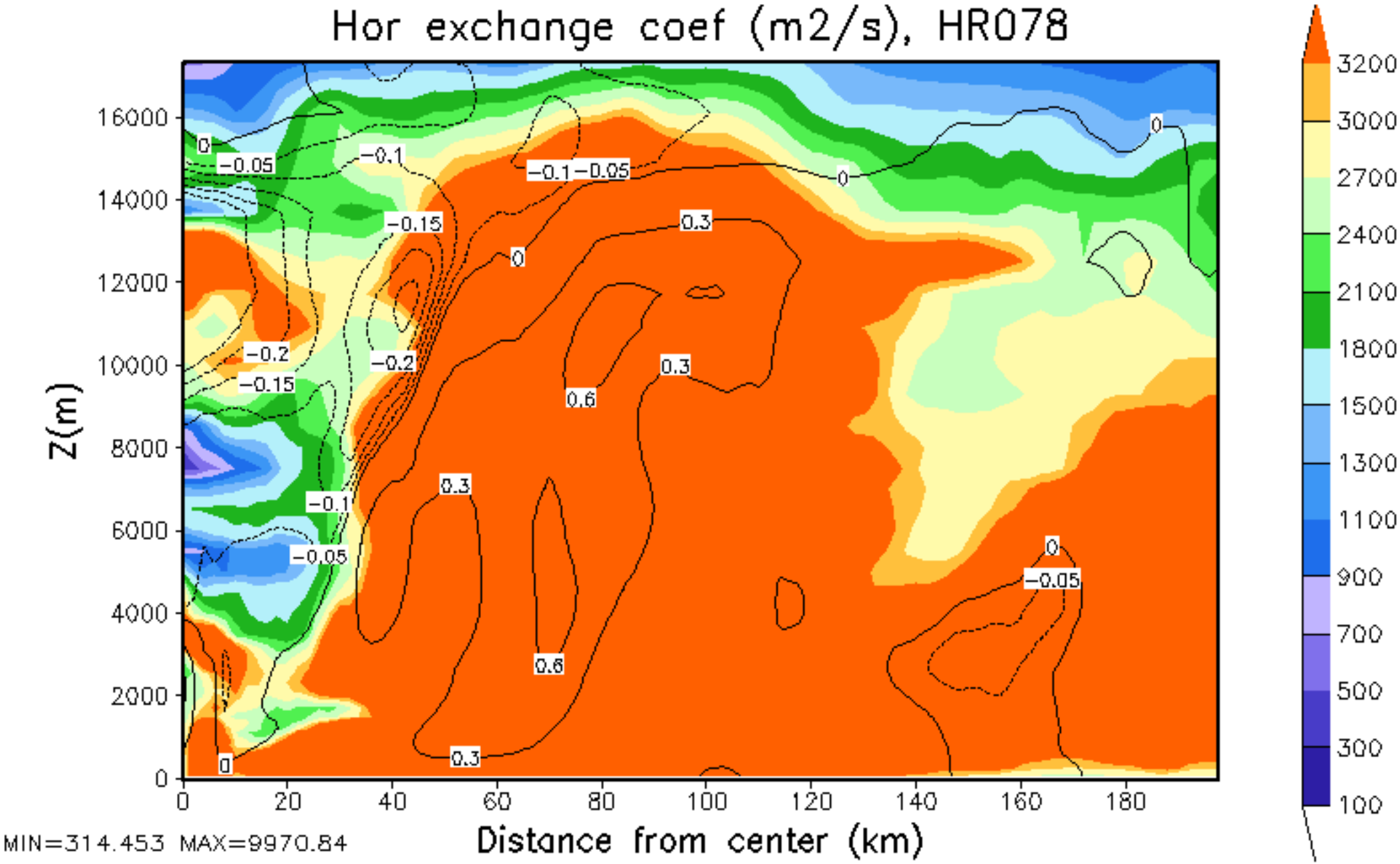
Hor exchange coef (m2/s), HR078
Z(m)
Distance from center (km)
MIN=314.453 MAX=9970.84
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14000
16000
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100
120
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3200
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2700
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300
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0
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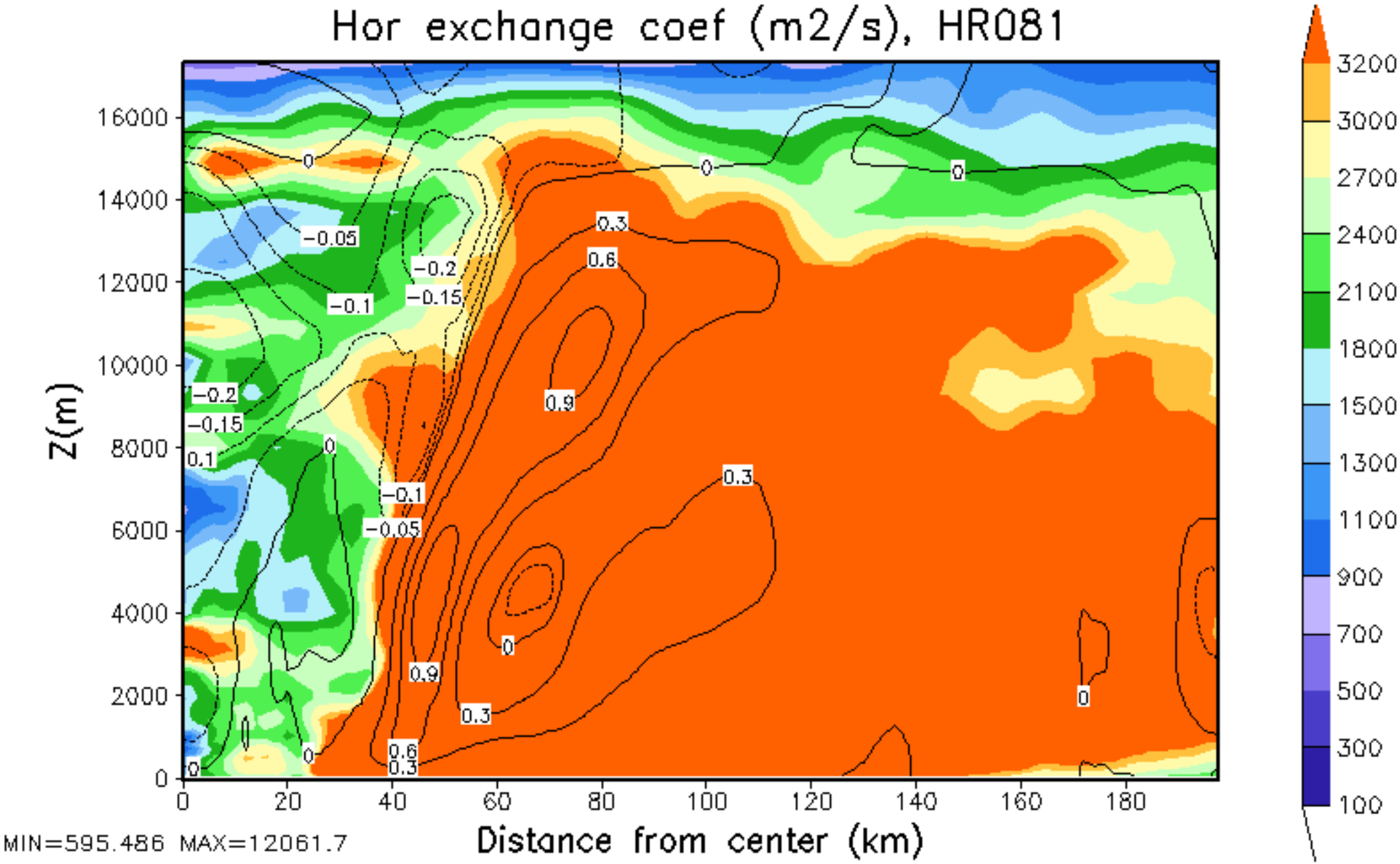
-0.1
-0.15
-0.2
0.3
0.6


Hor exchange coef (m2/s), HR081
Z(m)
Distance from center (km)
MIN=595.486 MAX=12061.7
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8000
10000
12000
14000
16000
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20
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60
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2400
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1300
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300
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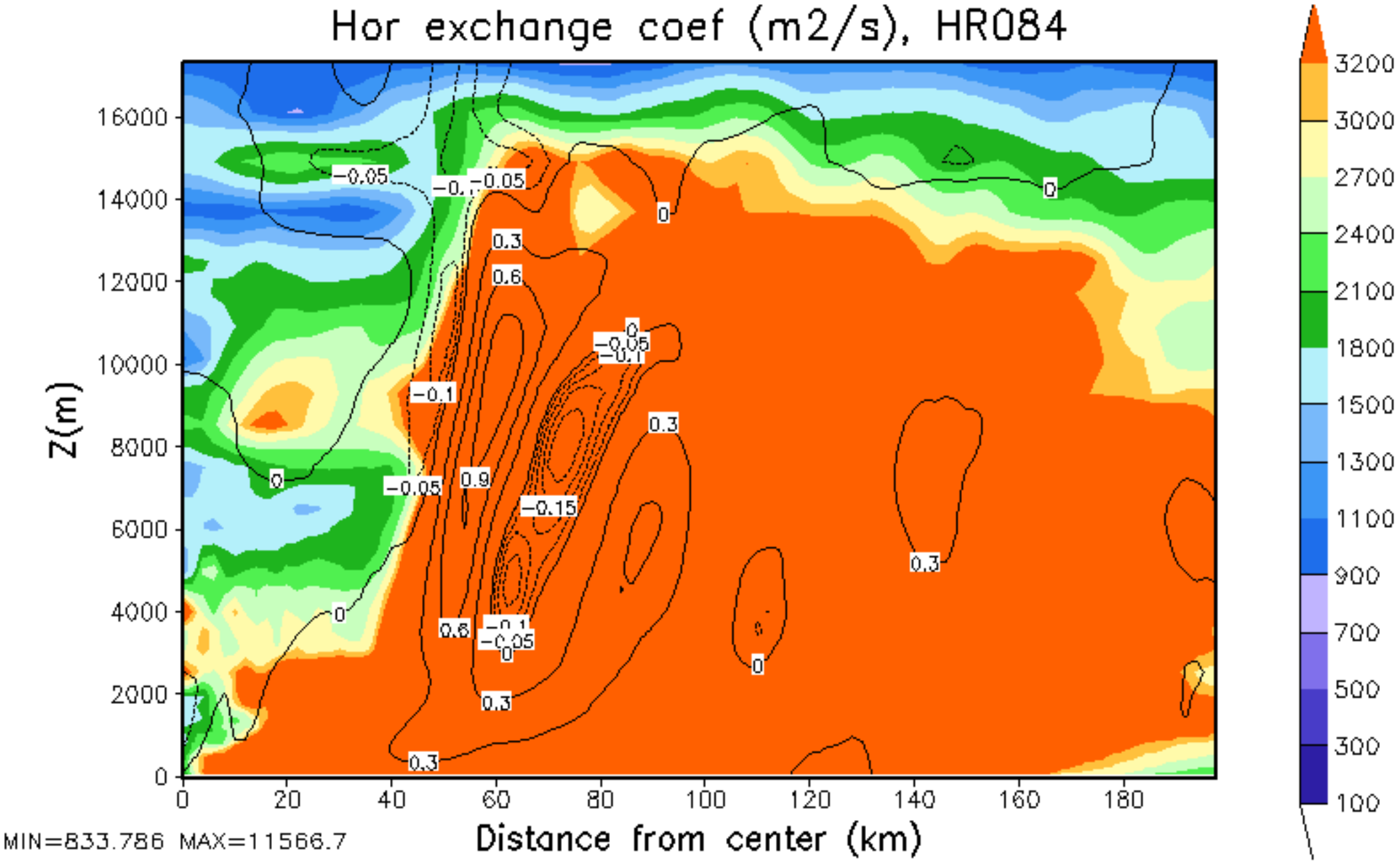
Hor exchange coef (m2/s), HR084
Z(m)
Distance from center (km)
MIN=833.786 MAX=11566.7
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2000
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6000
8000
10000
12000
14000
16000
0
20
40
60
80
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1300
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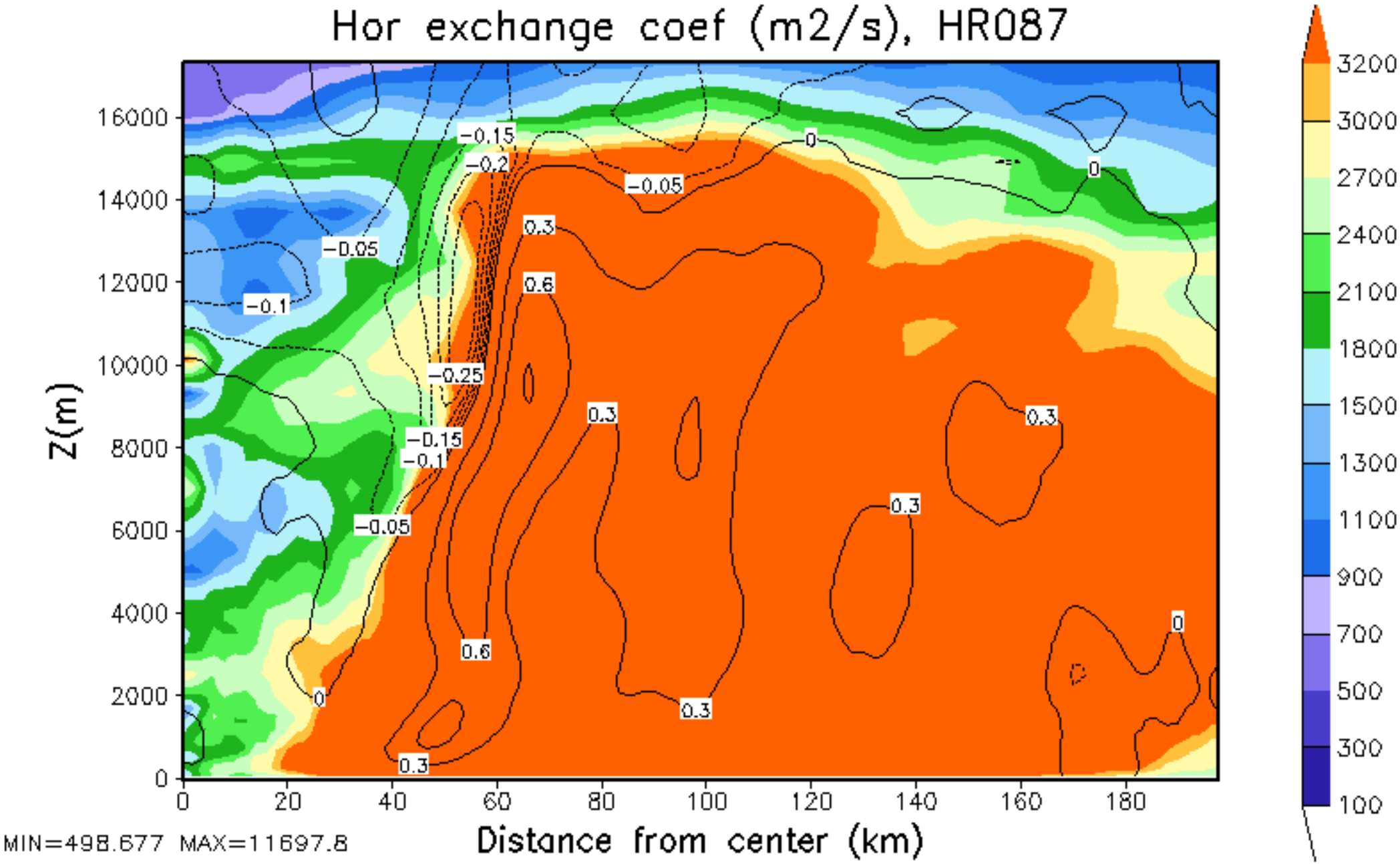

Hor exchange coef (m2/s), HR087
Z(m)
Distance from center (km)
MIN=498.677 MAX=11697.8
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6000
8000
10000
12000
14000
16000
0
20
40
60
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100
120
140
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1300
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500
300
100
-0.15
-0.2
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0
0.3
0.6
-0.1
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0.3
0.3
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0.6
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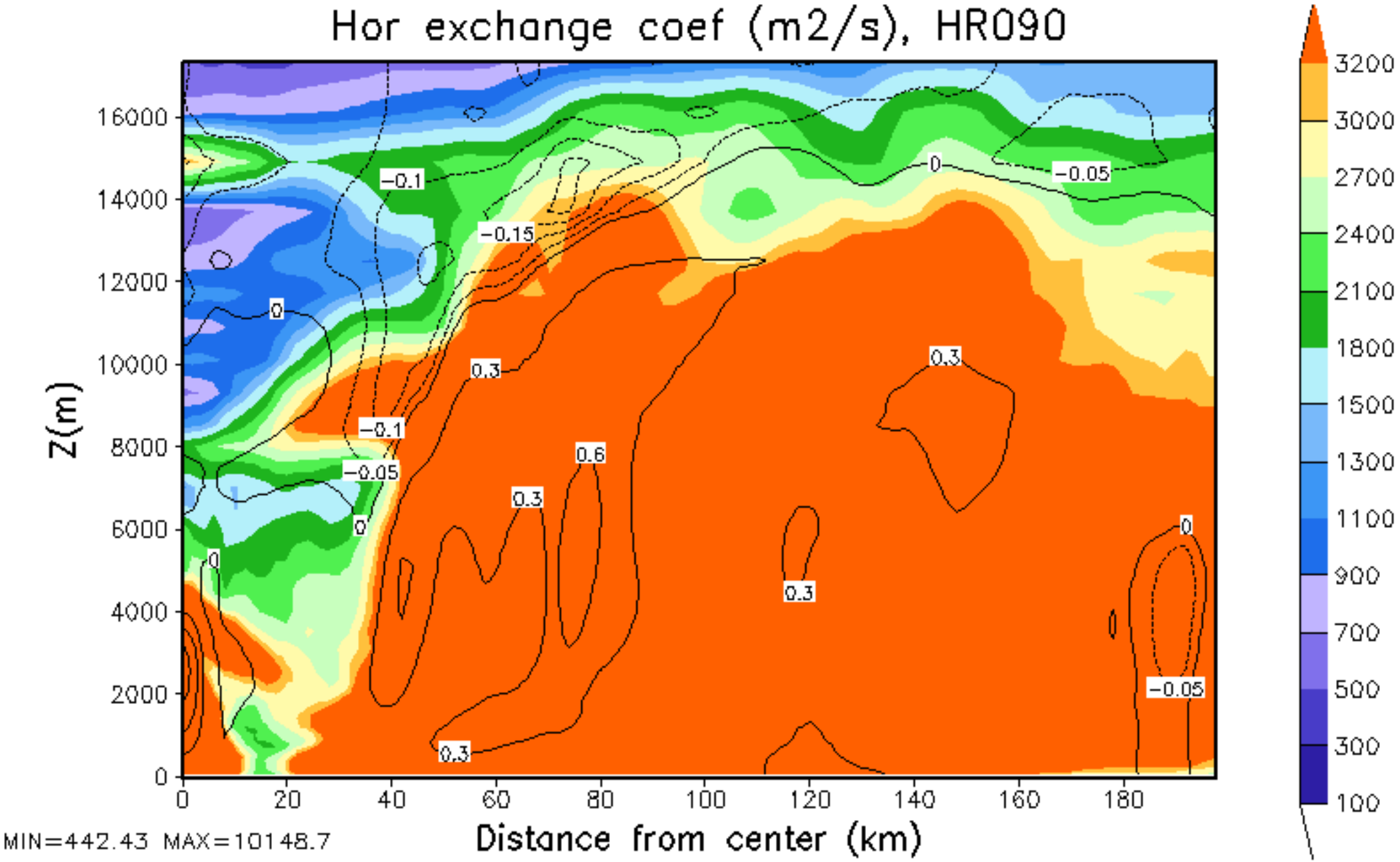
Hor exchange coef (m2/s), HR090
Z(m)
Distance from center (km)
MIN=442.43 MAX=10148.7
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6000
8000
10000
12000
14000
16000
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60
80
100
120
140
160
180
3200
3000
2700
2400
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300
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-0.15
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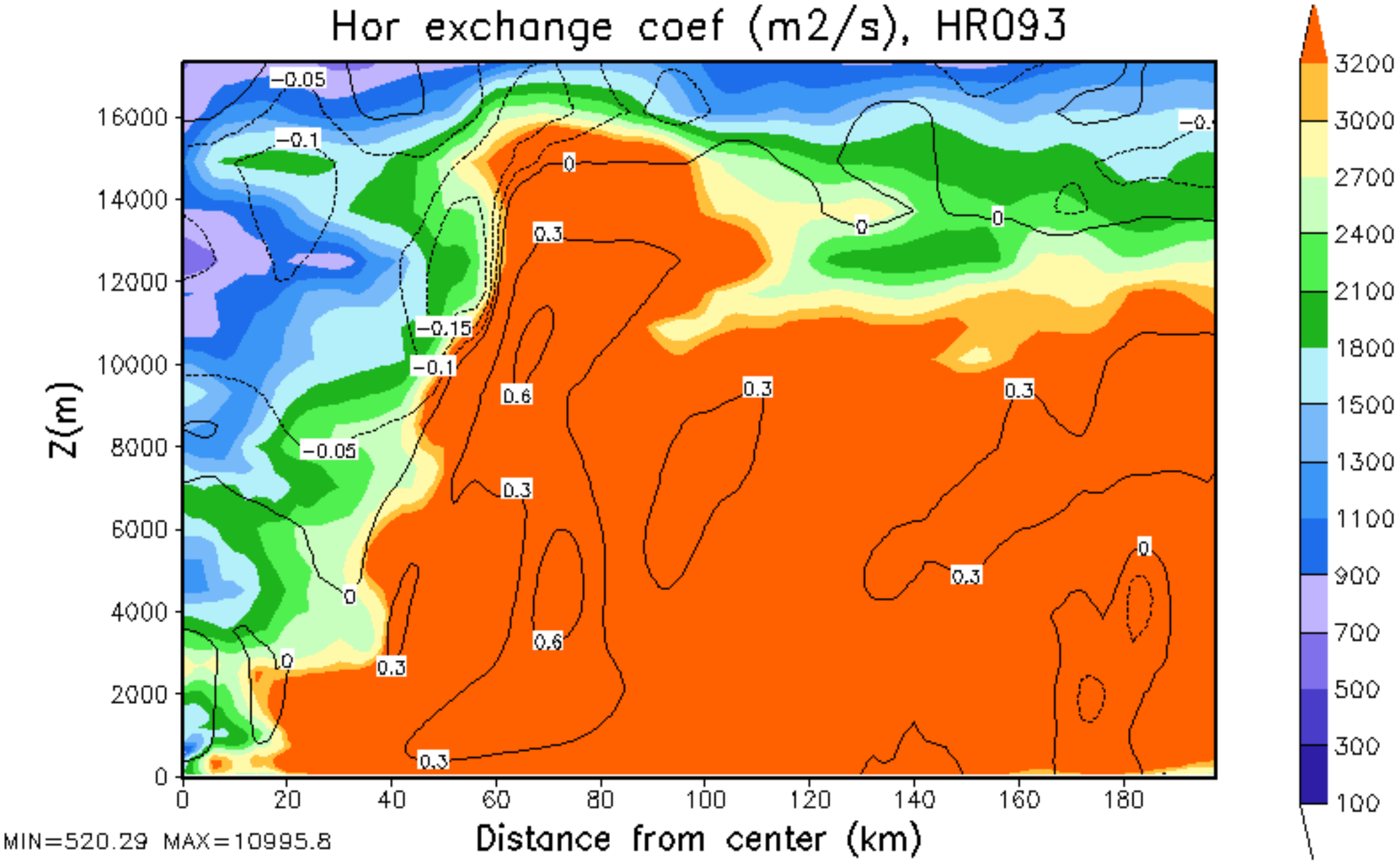
0.6


Hor exchange coef (m2/s), HR093
Z(m)
Distance from center (km)
MIN=520.29 MAX=10995.8
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8000
10000
12000
14000
16000
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40
60
80
100
120
140
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3200
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2700
2400
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700
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-0.1
-0.15
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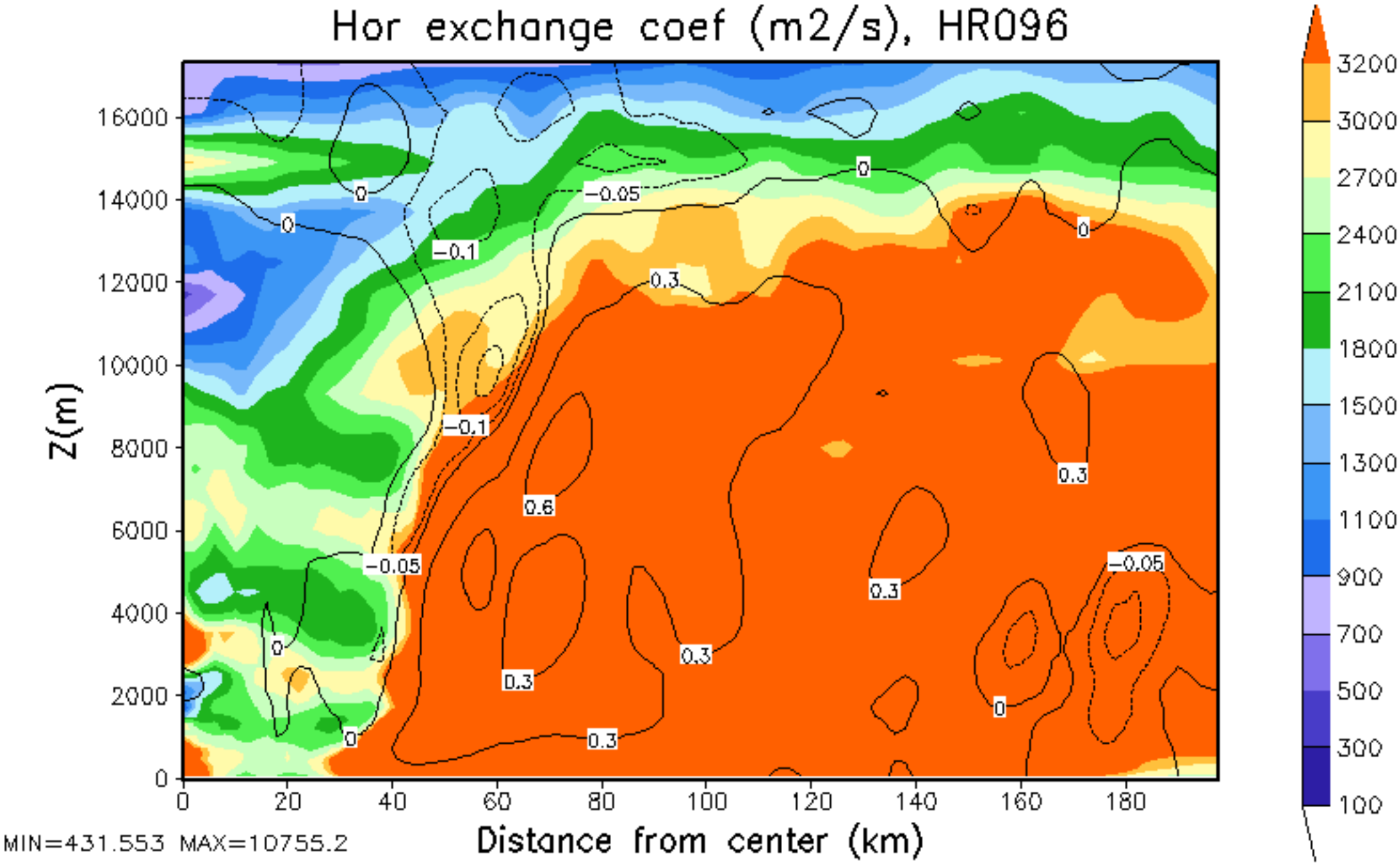
0.3
0.6


Hor exchange coef (m2/s), HR096
Z(m)
Distance from center (km)
MIN=431.553 MAX=10755.2
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8000
10000
12000
14000
16000
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3200
3000
2700
2400
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700
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300
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-0.1
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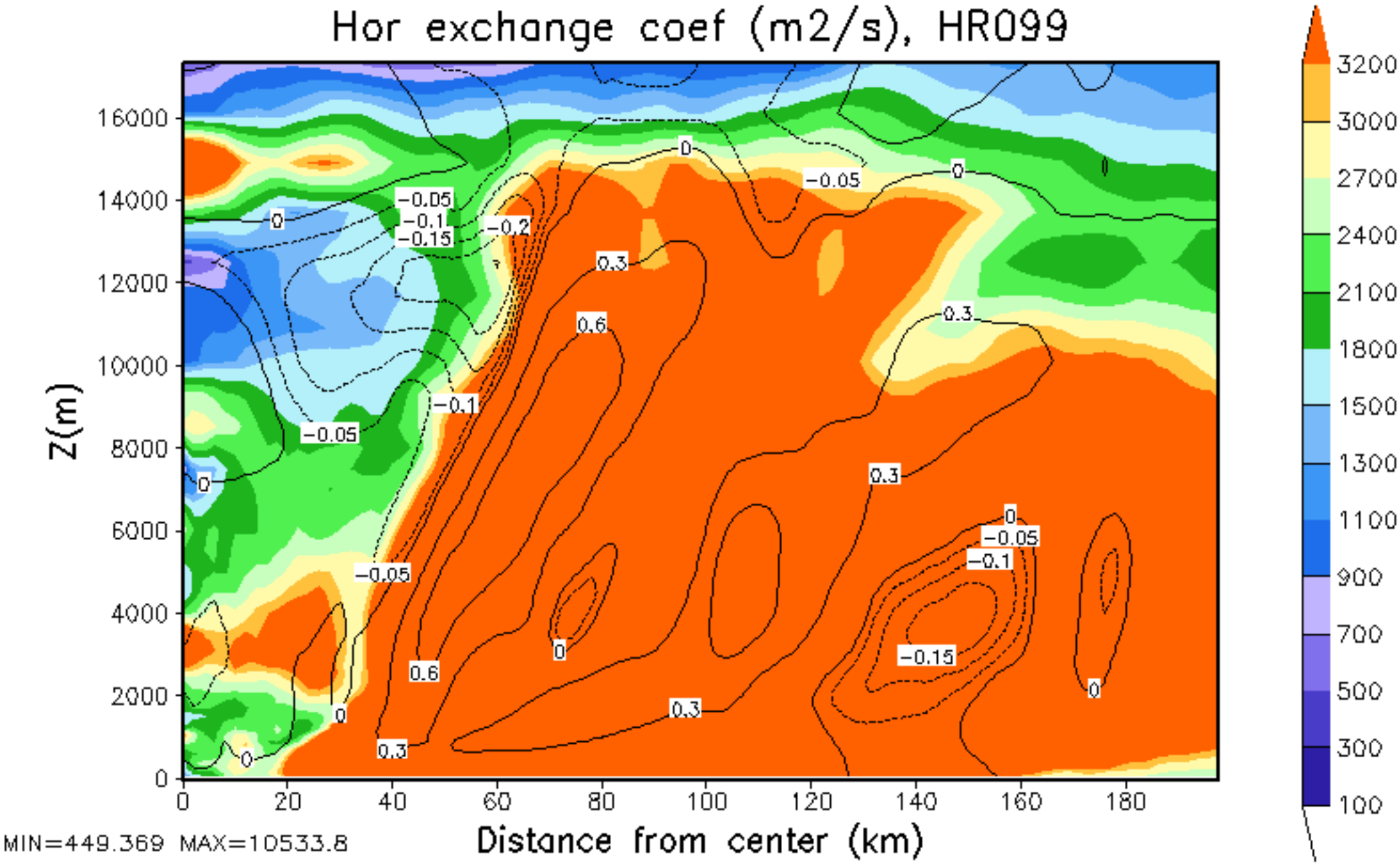
-0.05


Hor exchange coef (m2/s), HR099
Z(m)
Distance from center (km)
MIN=449.369 MAX=10533.8
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8000
10000
12000
14000
16000
0
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60
80
100
120
140
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3200
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2700
2400
2100
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-0.15
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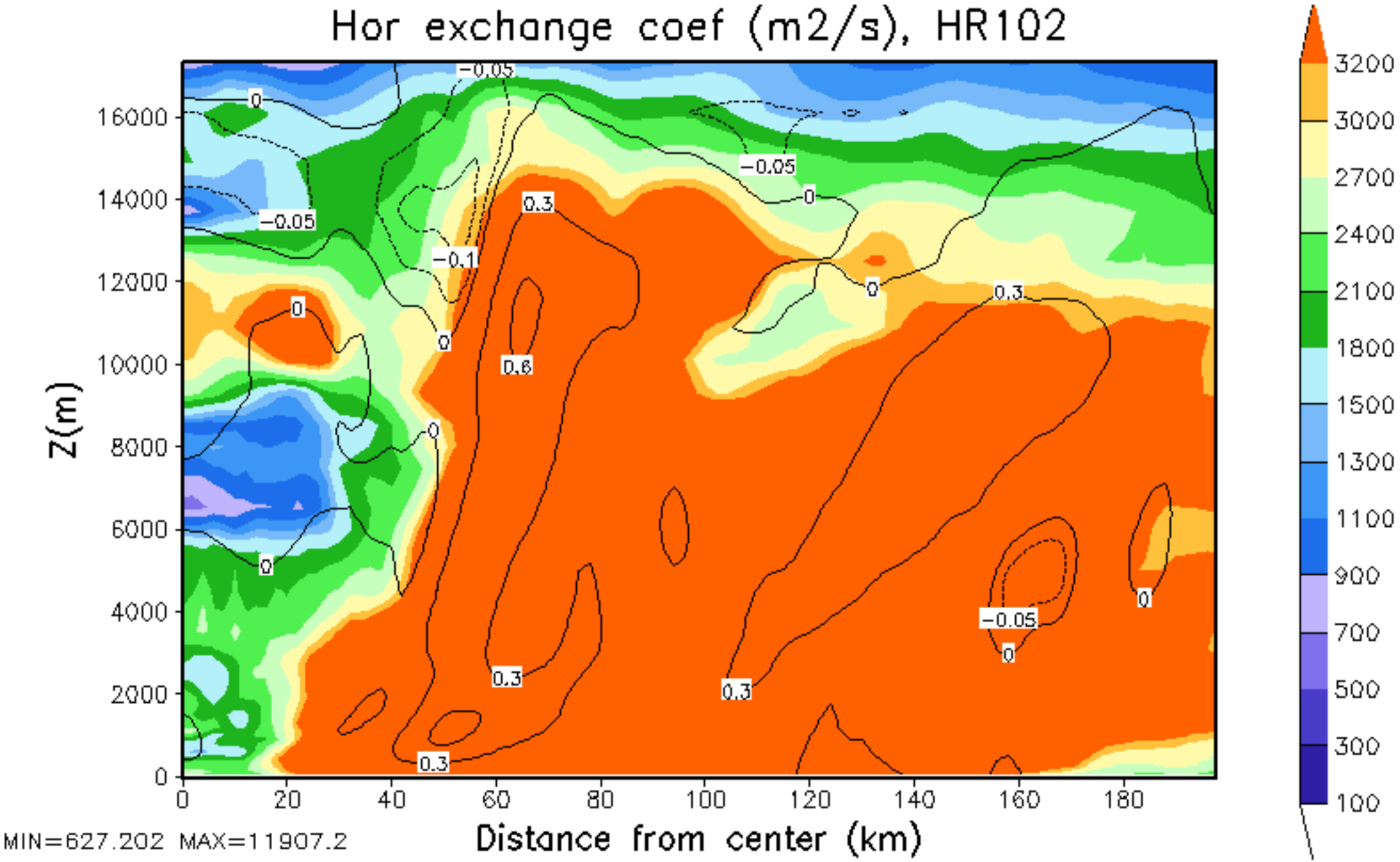
0.3
0.6


Hor exchange coef (m2/s), HR102
Z(m)
Distance from center (km)
MIN=627.202 MAX=11907.2
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10000
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14000
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40
60
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100
120
140
160
180
3200
3000
2700
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700
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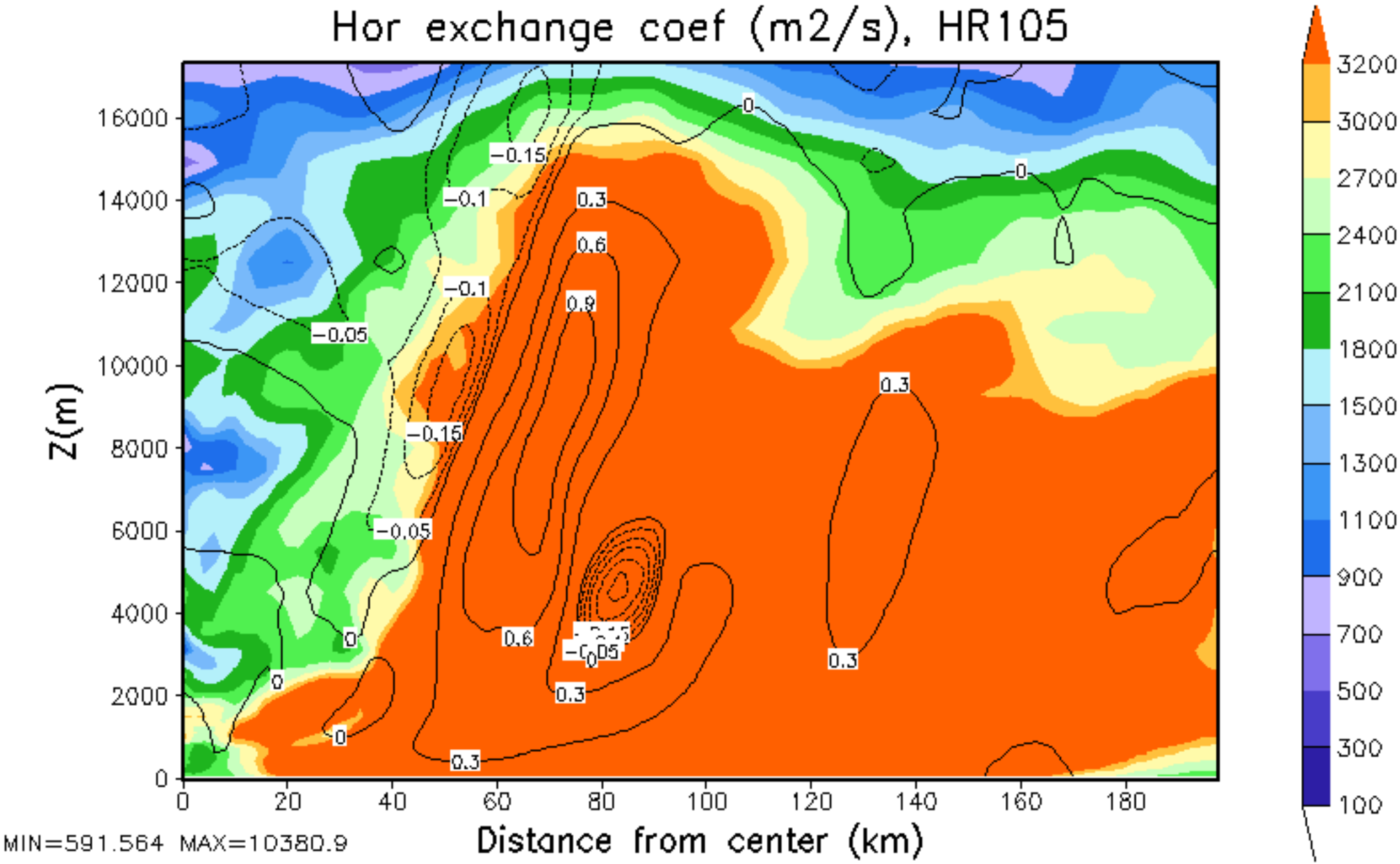
-0.1


Hor exchange coef (m2/s), HR105
Z(m)
Distance from center (km)
MIN=591.564 MAX=10380.9
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10000
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16000
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80
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120
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180
3200
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-0.15
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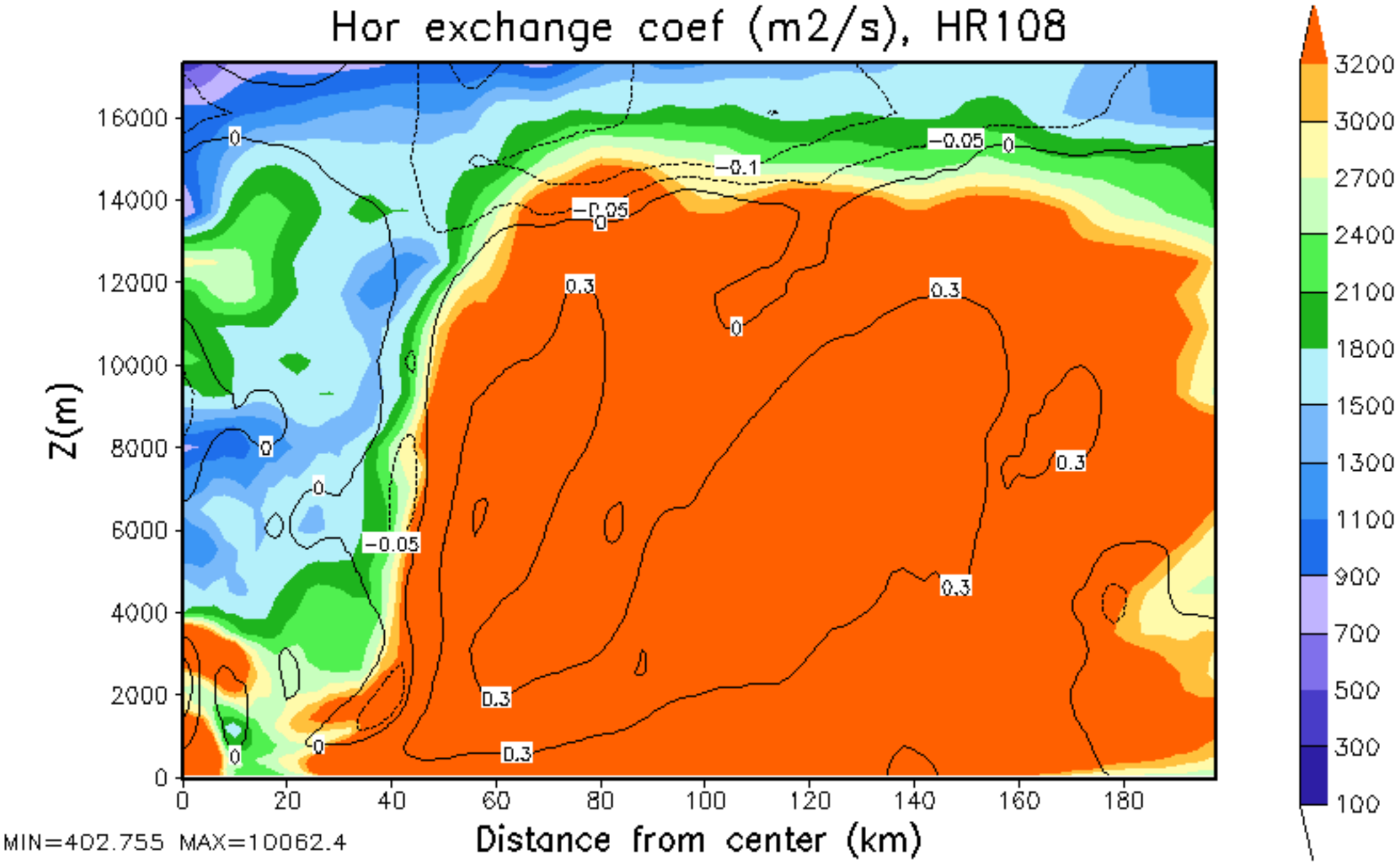
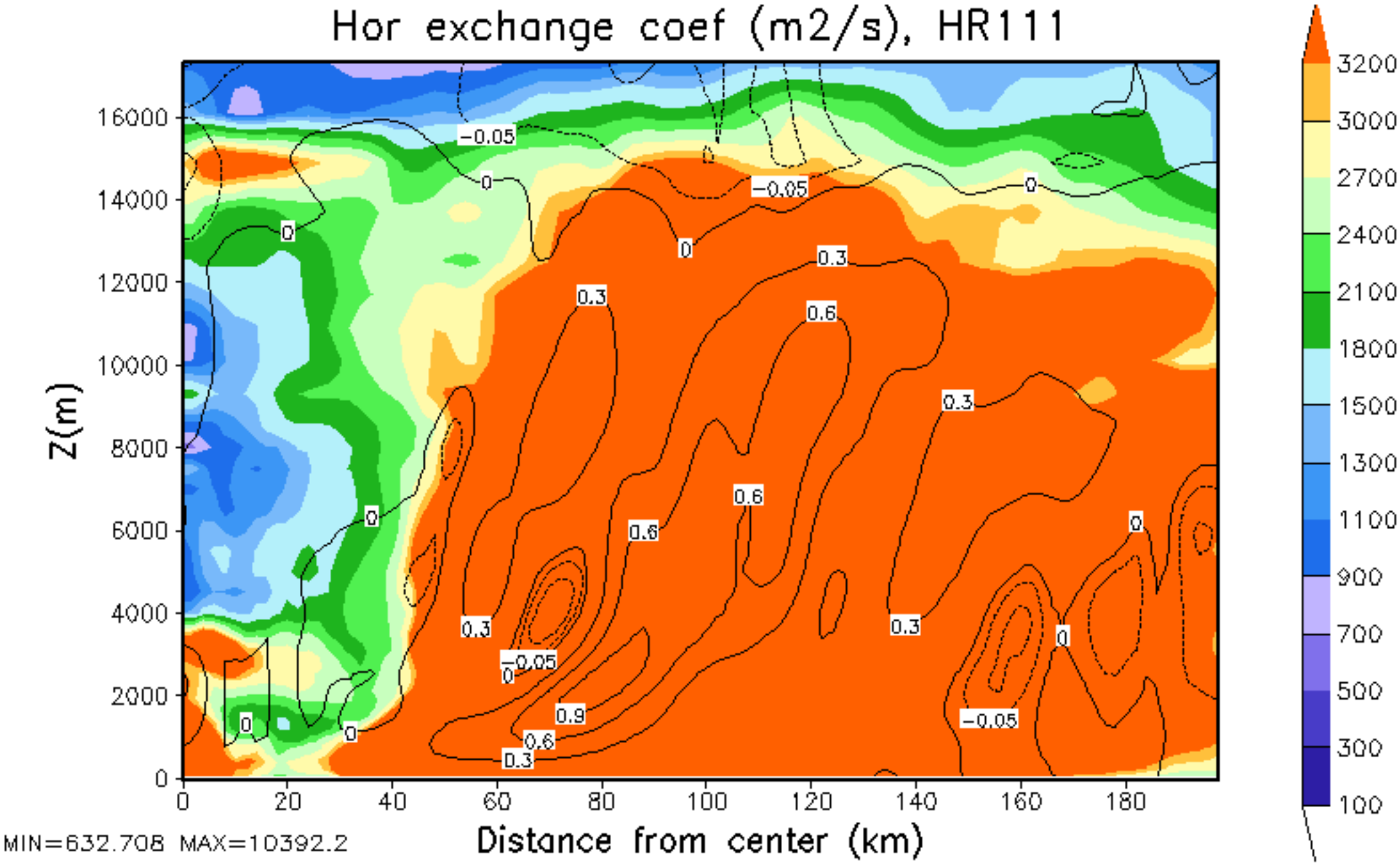
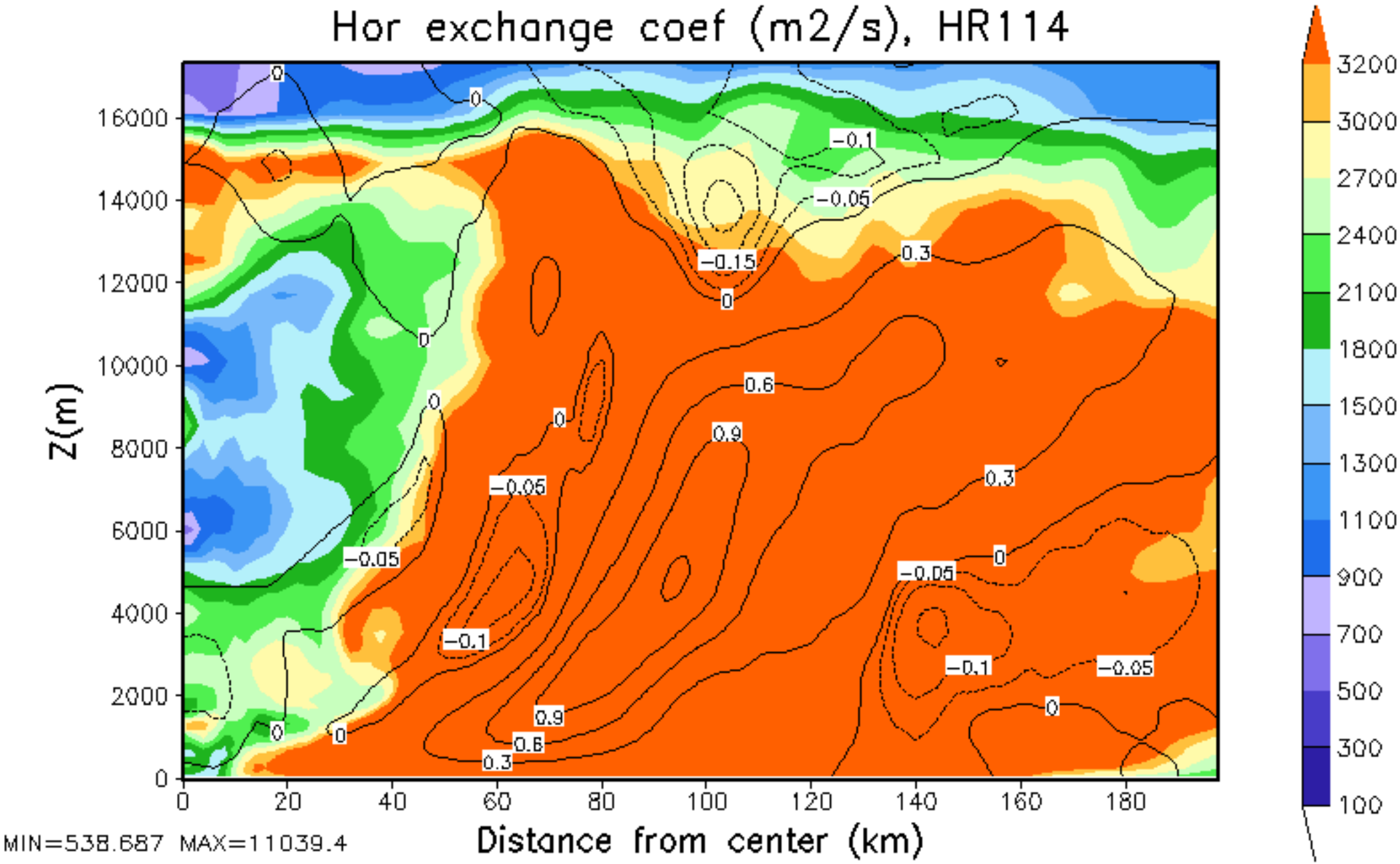
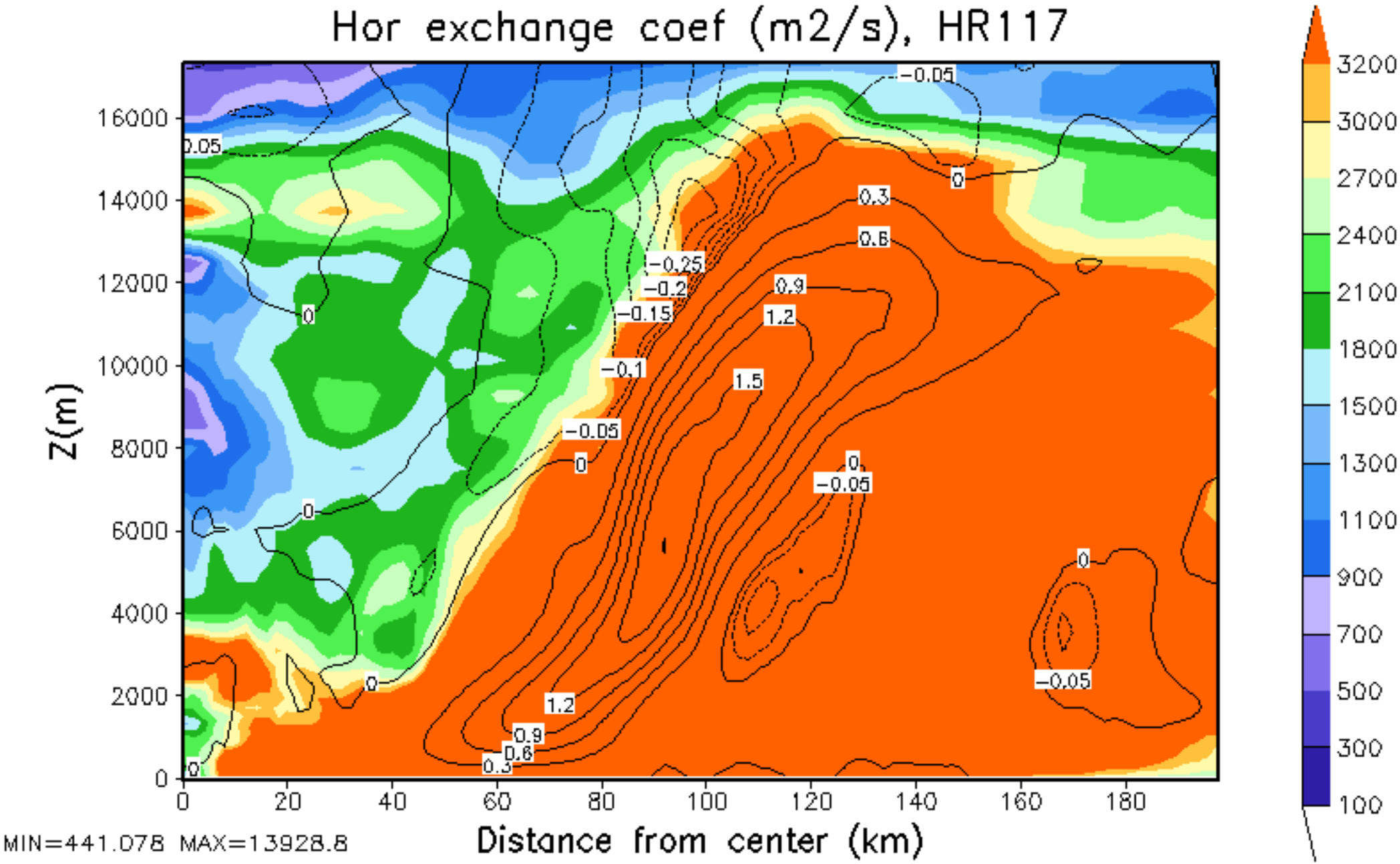
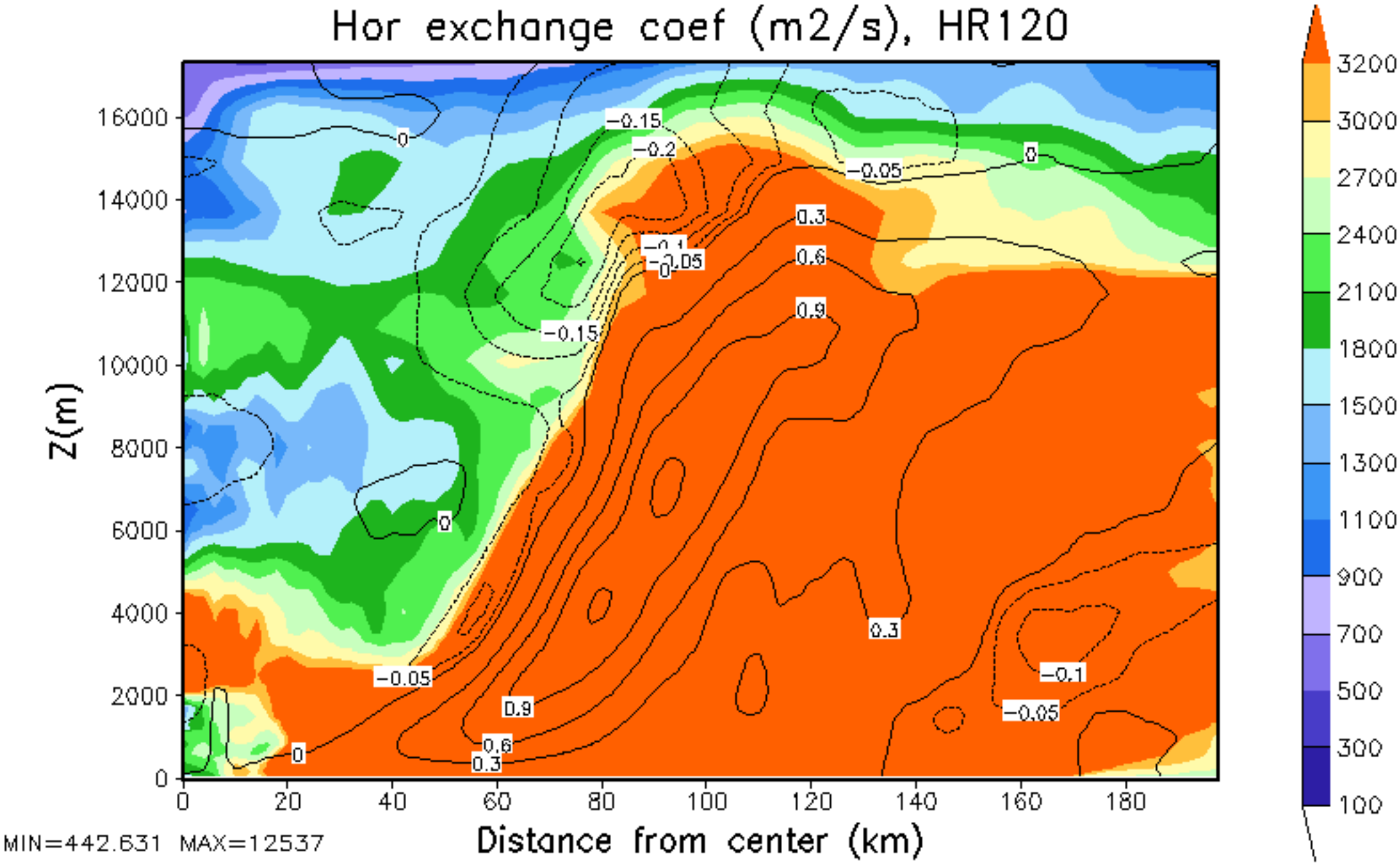
0.9

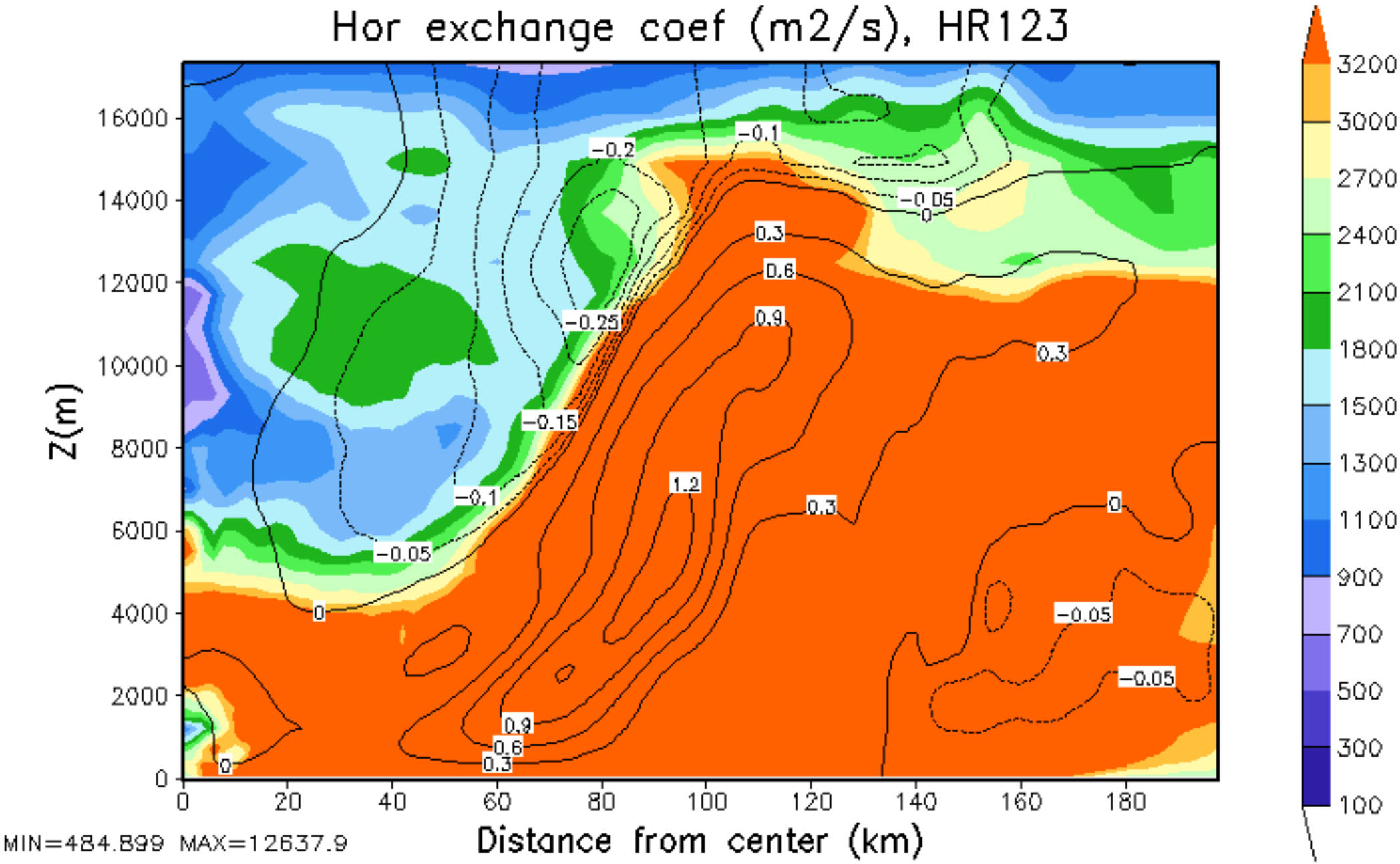

Hor exchange coef (m2/s), HR108
Z(m)
Distance from center (km)
MIN=402.755 MAX=10062.4
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
0
-0.05
-0.1
0.3

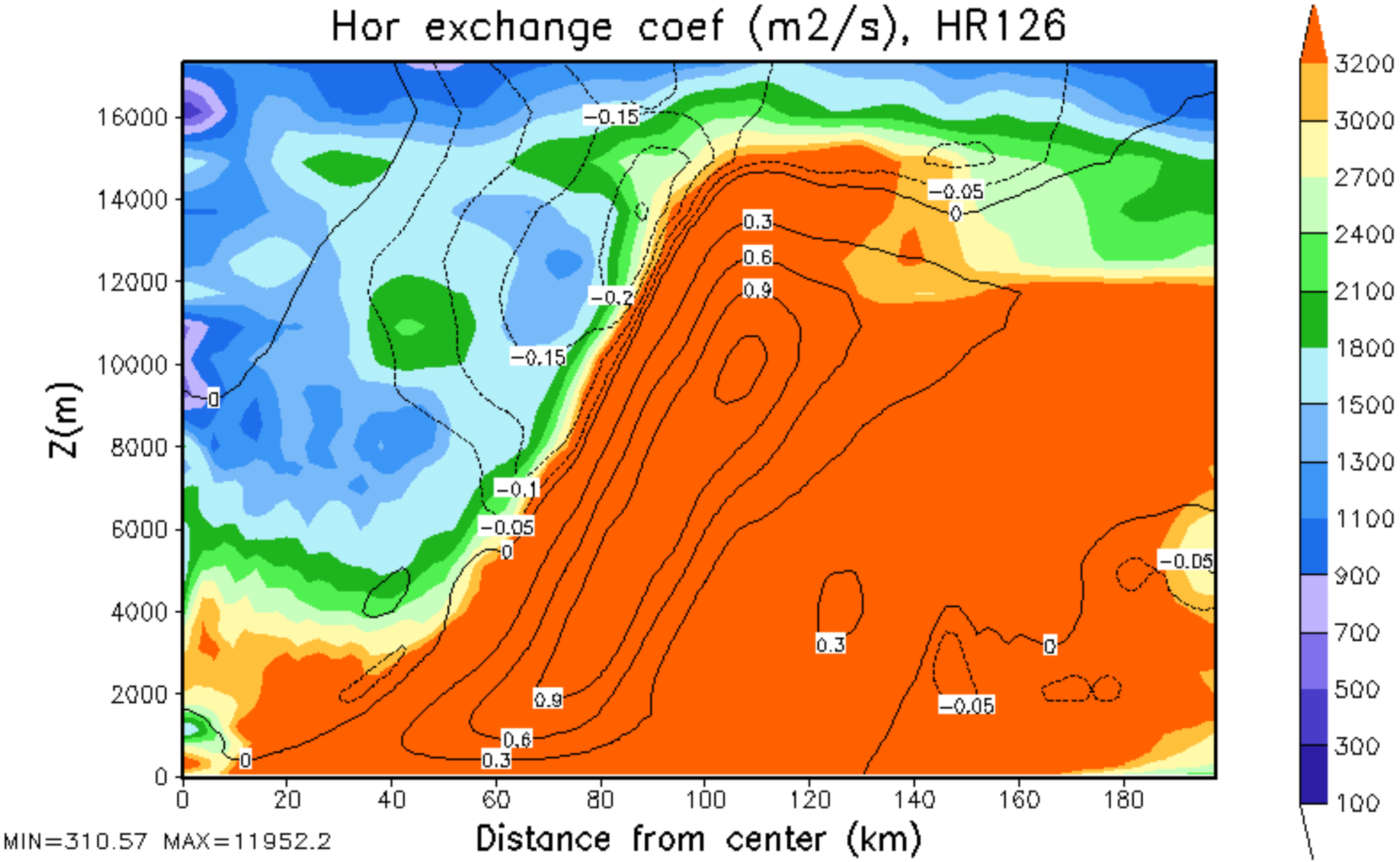

Hor exchange coef (m2/s), HR111
Z(m)
Distance from center (km)
MIN=632.708 MAX=10392.2
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.05
0
0.3
0.6
0.9

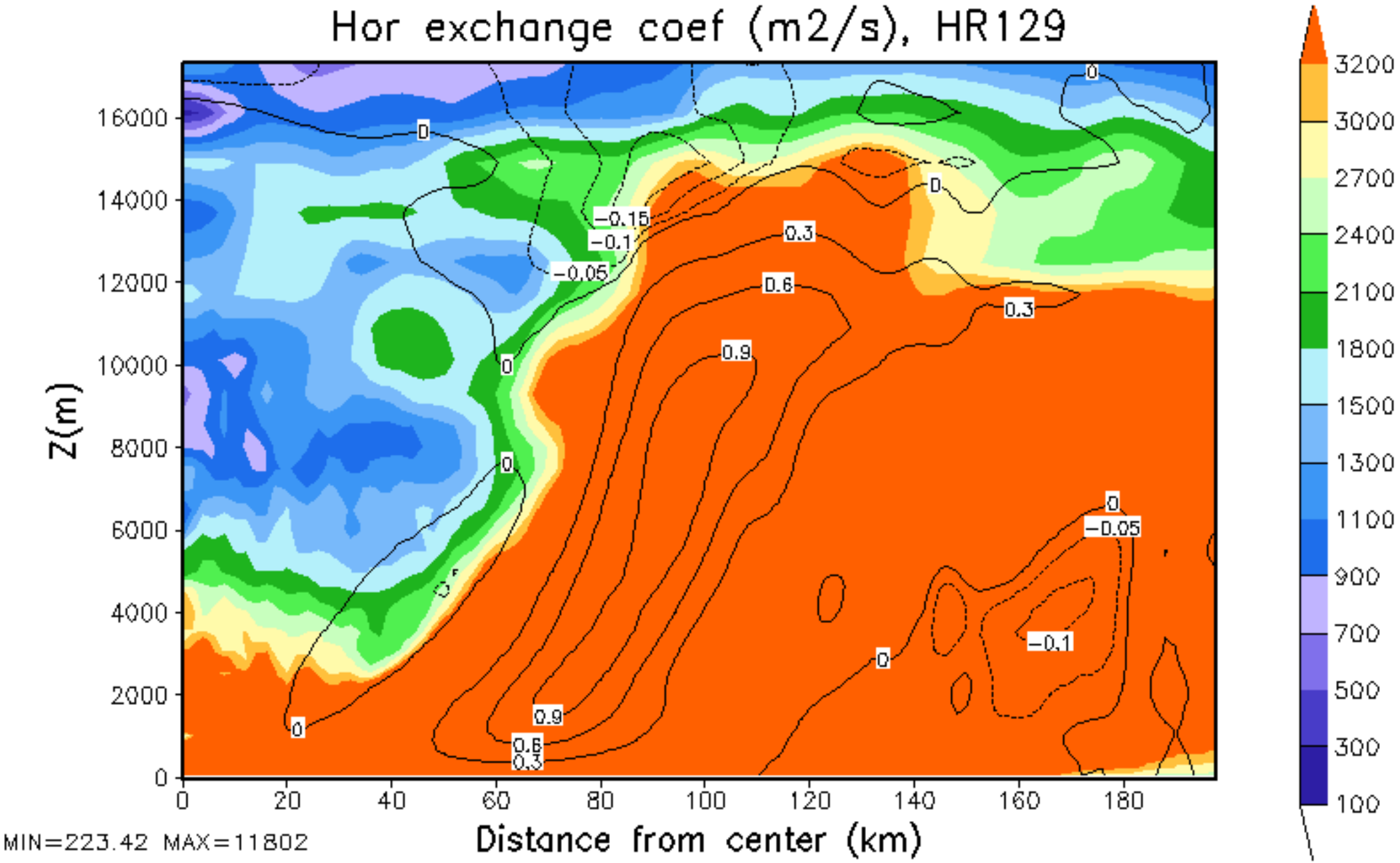

Hor exchange coef (m2/s), HR114
Z(m)
Distance from center (km)
MIN=538.687 MAX=11039.4
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
0
-0.1
-0.05
-0.15
0.3
0.6
0.9

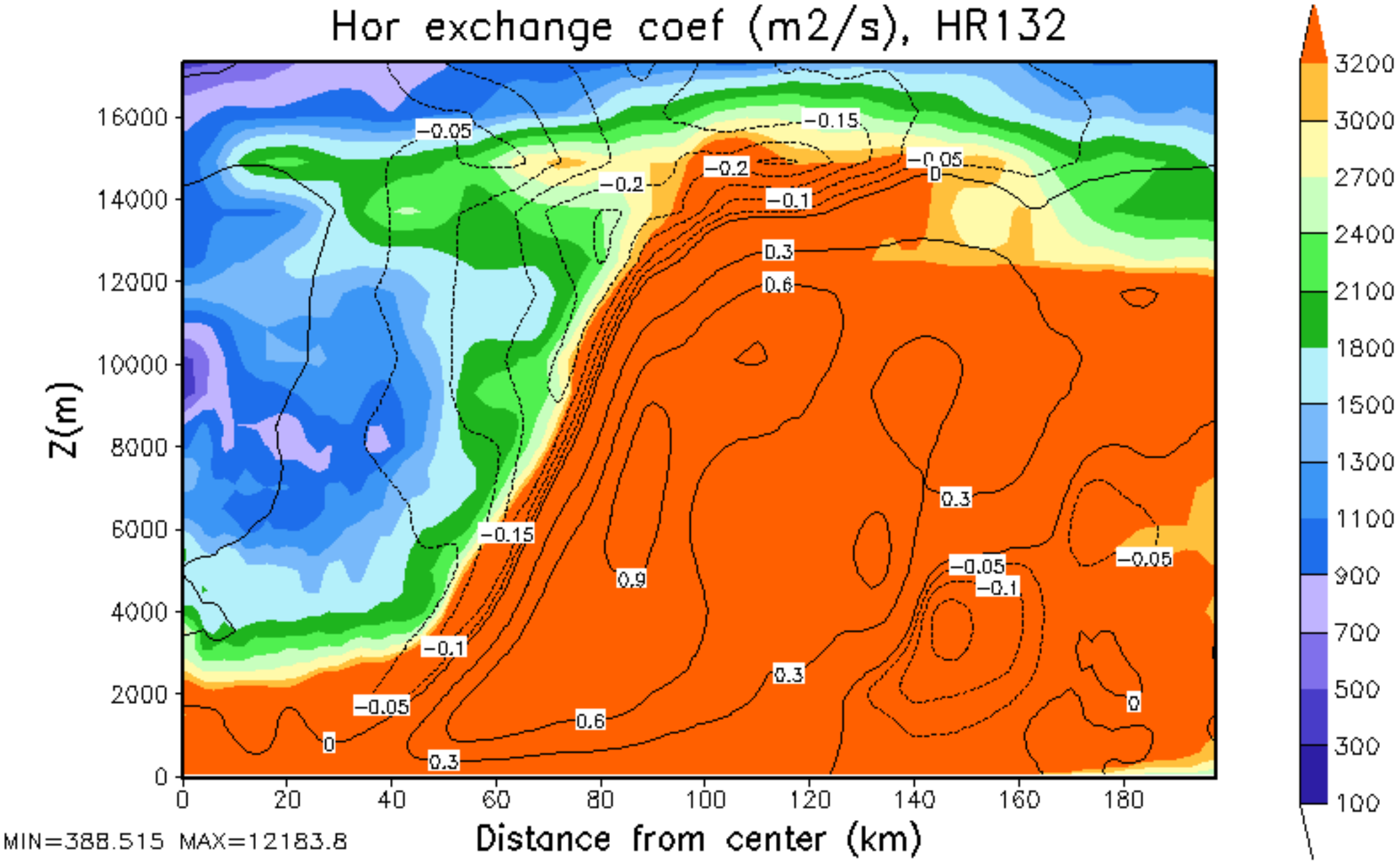

Hor exchange coef (m2/s), HR117
Z(m)
Distance from center (km)
MIN=441.078 MAX=13928.8
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100

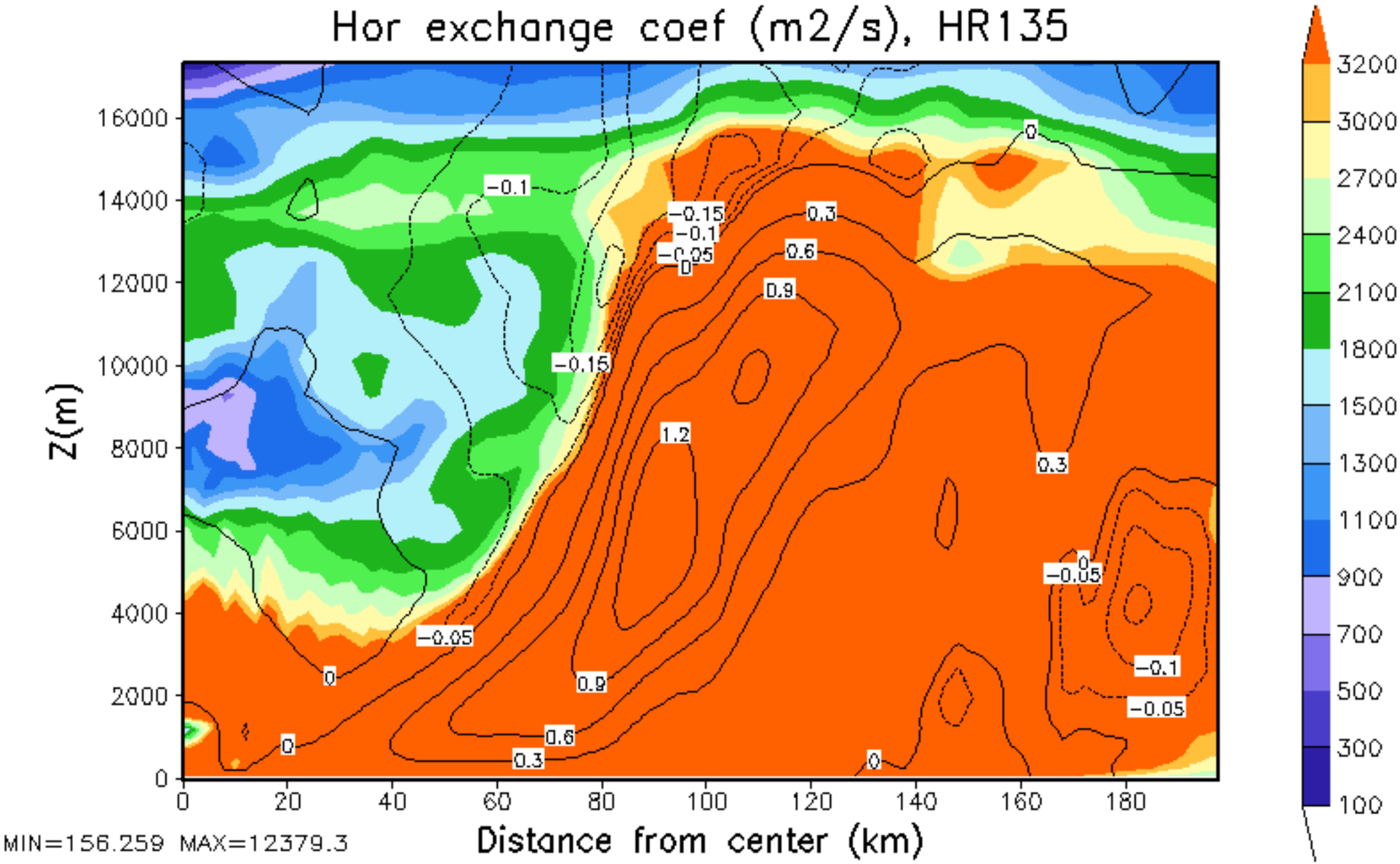

Hor exchange coef (m2/s), HR120
Z(m)
Distance from center (km)
MIN=442.631 MAX=12537
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.15
-0.2
-0.05
0
0.3
0.6
0.9
-0.1

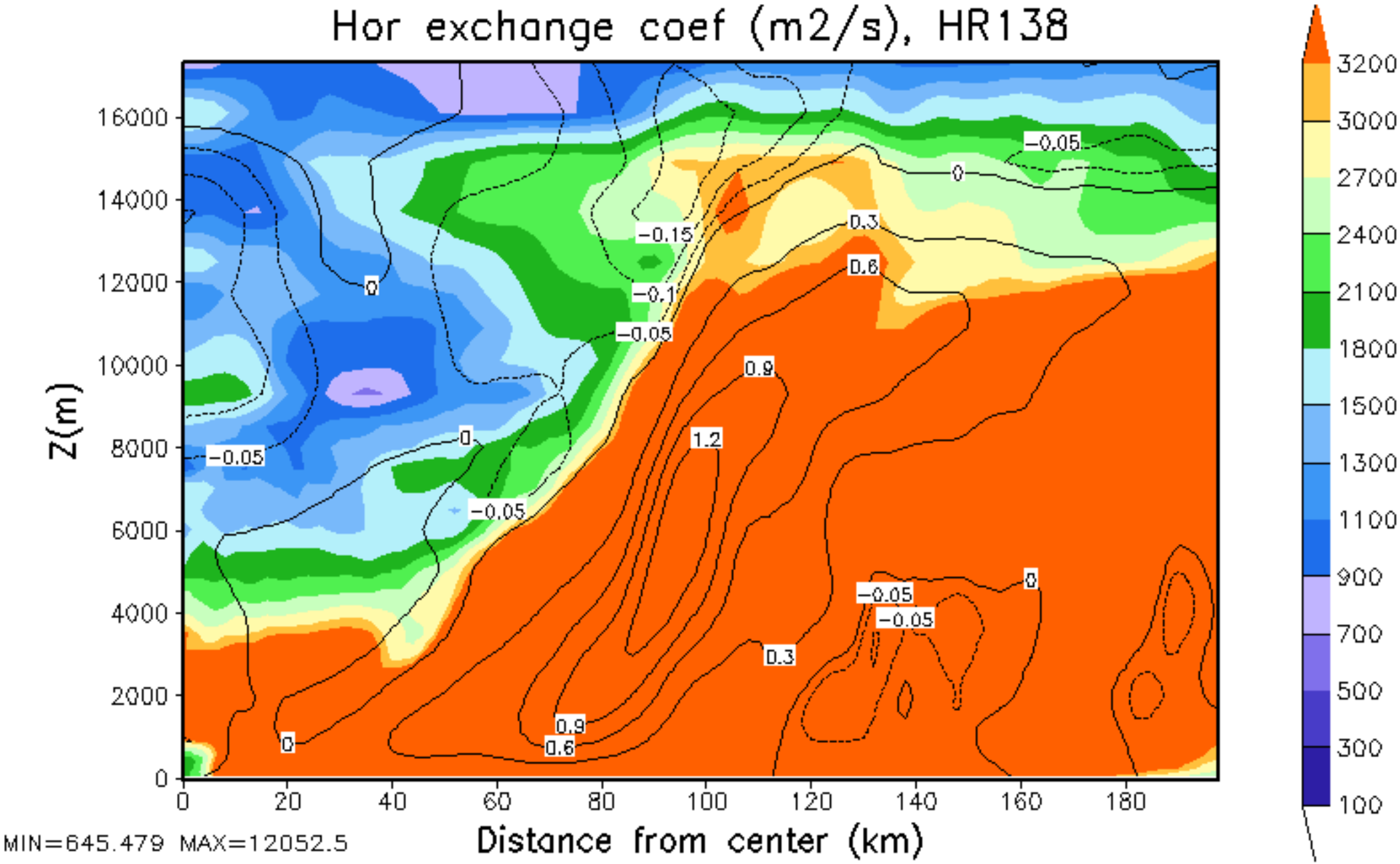

Hor exchange coef (m2/s), HR123
Z(m)
Distance from center (km)
MIN=484.899 MAX=12637.9
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.2
-0.1
-0.05
0
0.3
0.6
0.9
-0.25
-0.15
1.2

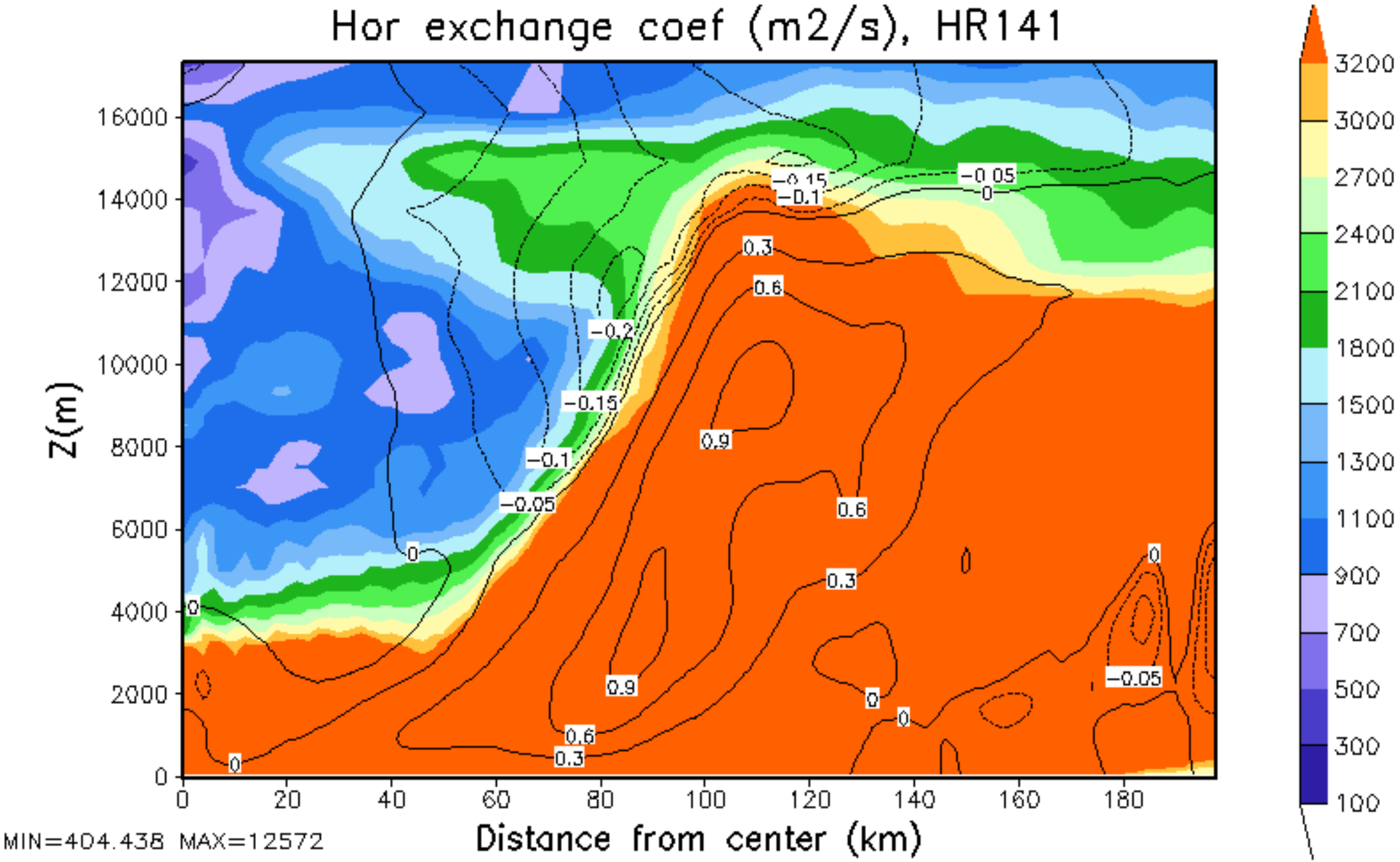

Hor exchange coef (m2/s), HR126
Z(m)
Distance from center (km)
MIN=310.57 MAX=11952.2
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.15
-0.05
0
0.3
0.6
0.9
-0.2
-0.1

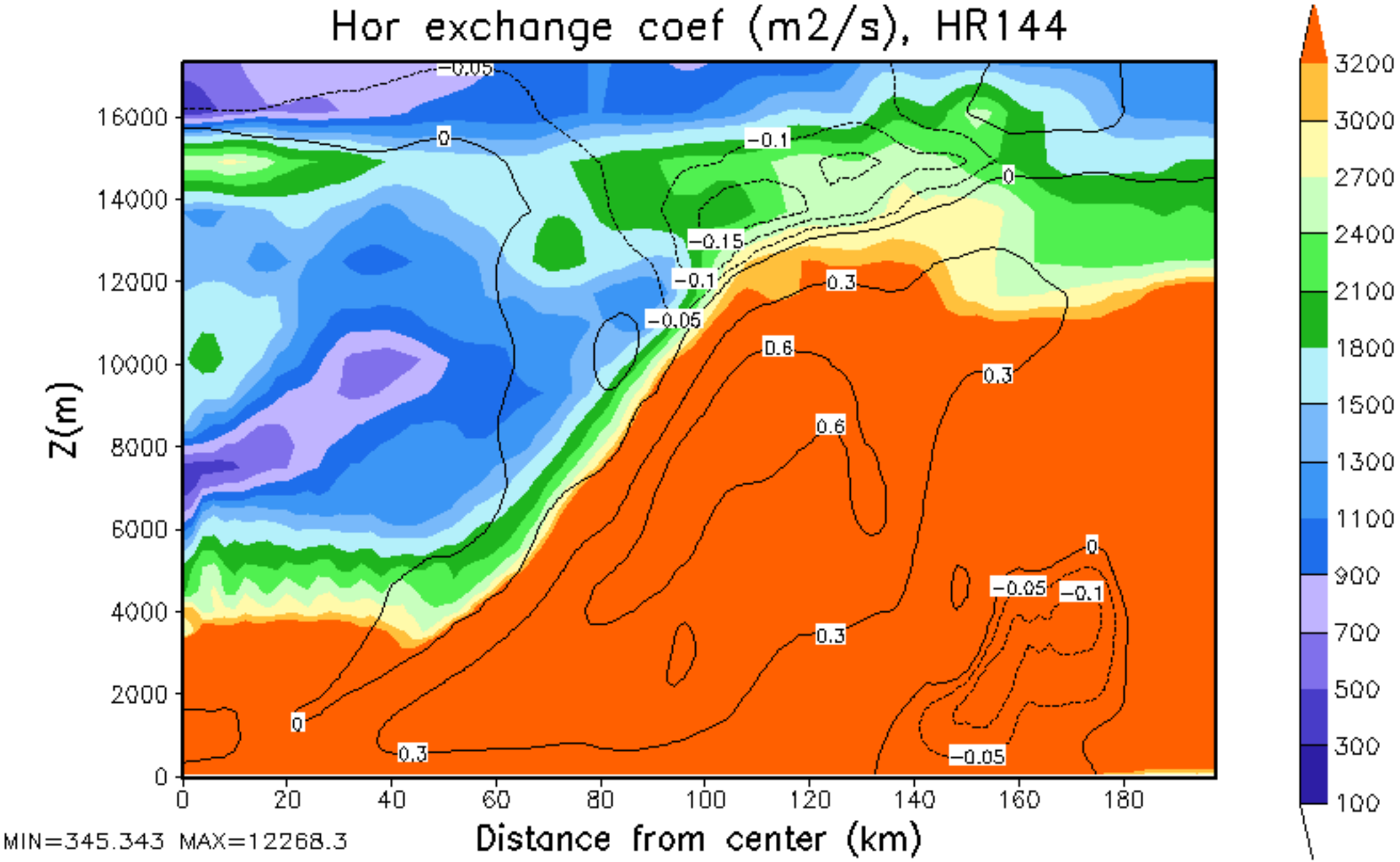

Hor exchange coef (m2/s), HR129
Z(m)
Distance from center (km)
MIN=223.42 MAX=11802
0
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
0
-0.15
-0.1
-0.05
0.3
0.6
0.9
-0.05
-0.1


Hor exchange coef (m2/s), HR132
Z(m)
Distance from center (km)
MIN=388.515 MAX=12183.8
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
-0.05
-0.15
-0.2
-0.1
0
0.3
0.6
0.9


Hor exchange coef (m2/s), HR135
Z(m)
Distance from center (km)
MIN=156.259 MAX=12379.3
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
-0.1
-0.05
0
0.3
0.6
0.9
1.2
-0.15
-0.05
0
0.9
0.6
0.3
0
0.3
0
-0.05
-0.1
-0.05


Hor exchange coef (m2/s), HR138
Z(m)
Distance from center (km)
MIN=645.479 MAX=12052.5
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
-0.05
0
0.3
0.6
0.9
1.2
-0.15
-0.1


Hor exchange coef (m2/s), HR141
Z(m)
Distance from center (km)
MIN=404.438 MAX=12572
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
-0.15
-0.1
-0.05
0
0.3
0.6
0.9
-0.2


Hor exchange coef (m2/s), HR144
Z(m)
Distance from center (km)
MIN=345.343 MAX=12268.3
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
-0.05
0
-0.1
-0.15
0.3
0.6