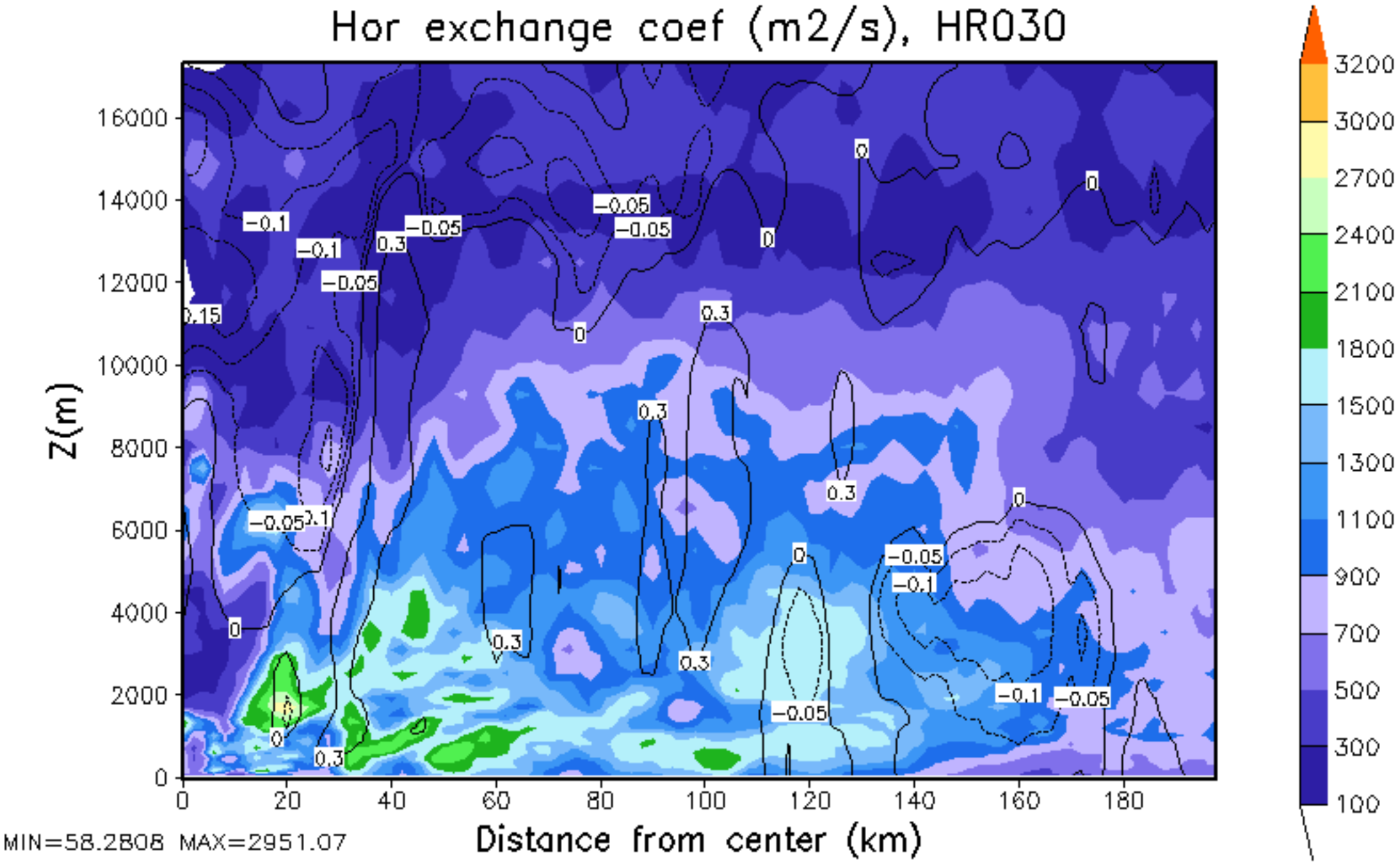
Hor exchange coef (m2/s), HR030
Z(m)
Distance from center (km)
MIN=58.2808 MAX=2951.07
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
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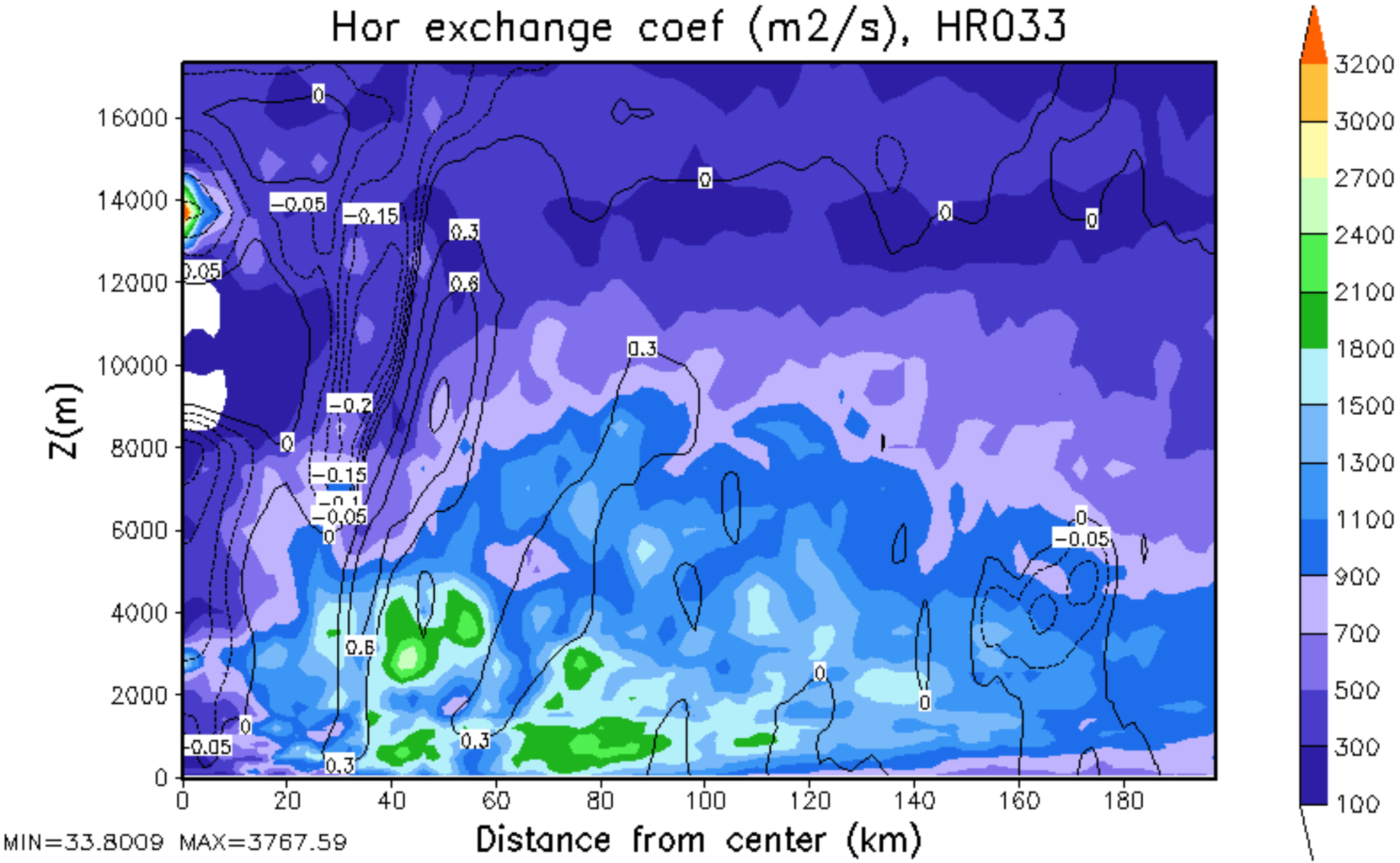
Hor exchange coef (m2/s), HR033
Z(m)
Distance from center (km)
MIN=33.8009 MAX=3767.59
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
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1500
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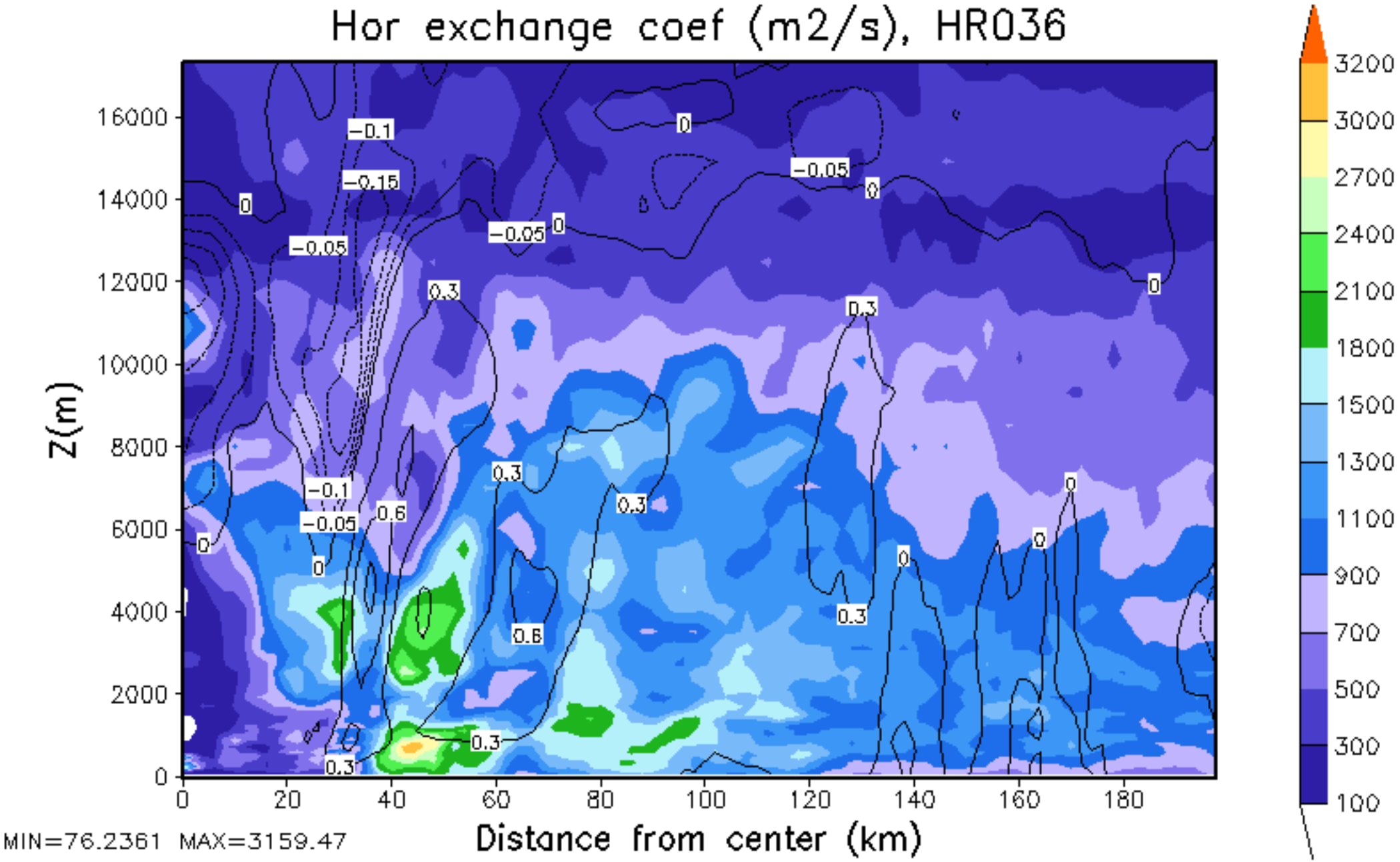
Hor exchange coef (m2/s), HR036
Z(m)
Distance from center (km)
MIN=76.2361 MAX=3159.47
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
100
300
500
700
900
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2400
2700
3000
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−0.15
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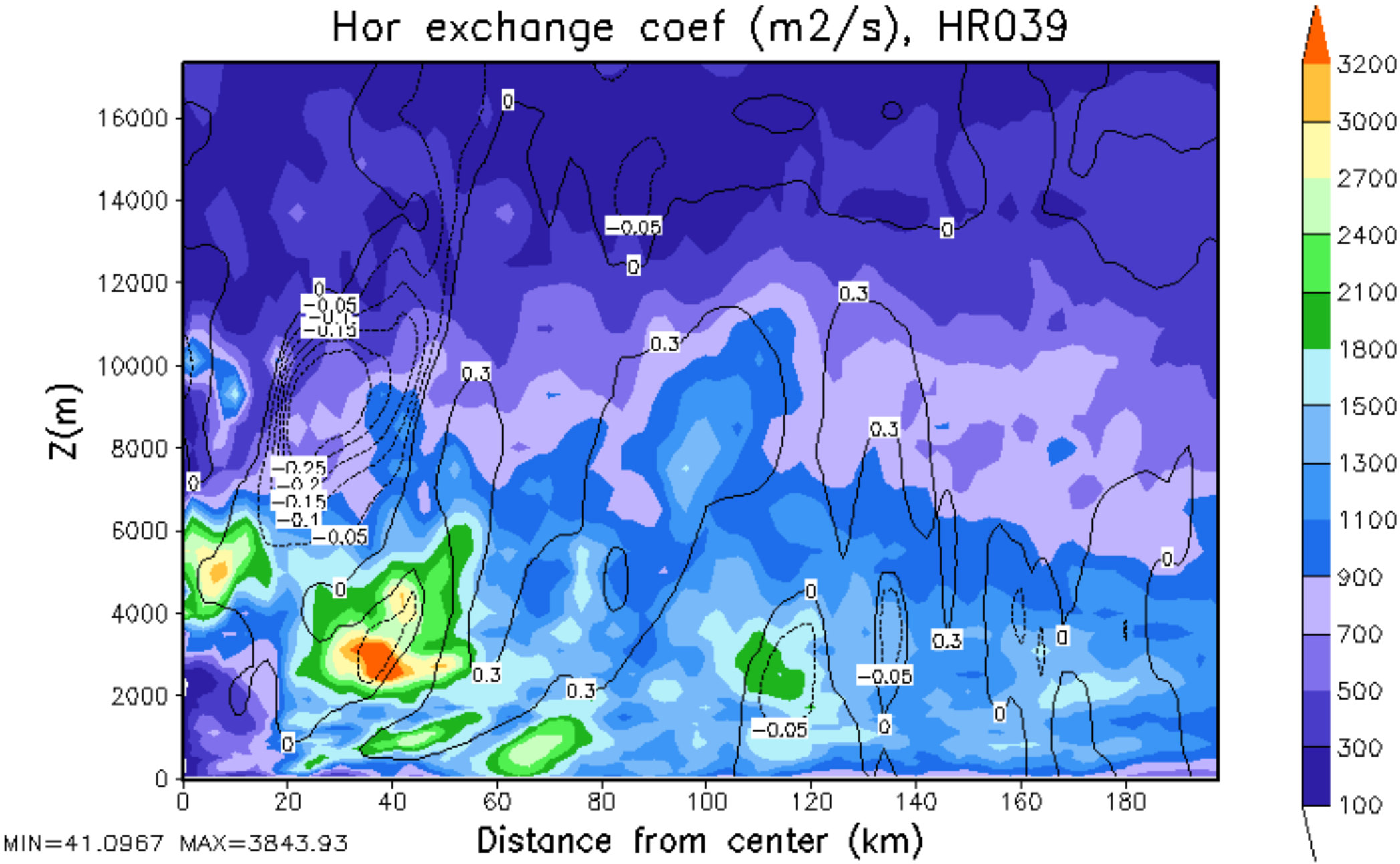
0.3
0.6


Hor exchange coef (m2/s), HR039
Z(m)
Distance from center (km)
MIN=41.0967 MAX=3843.93
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
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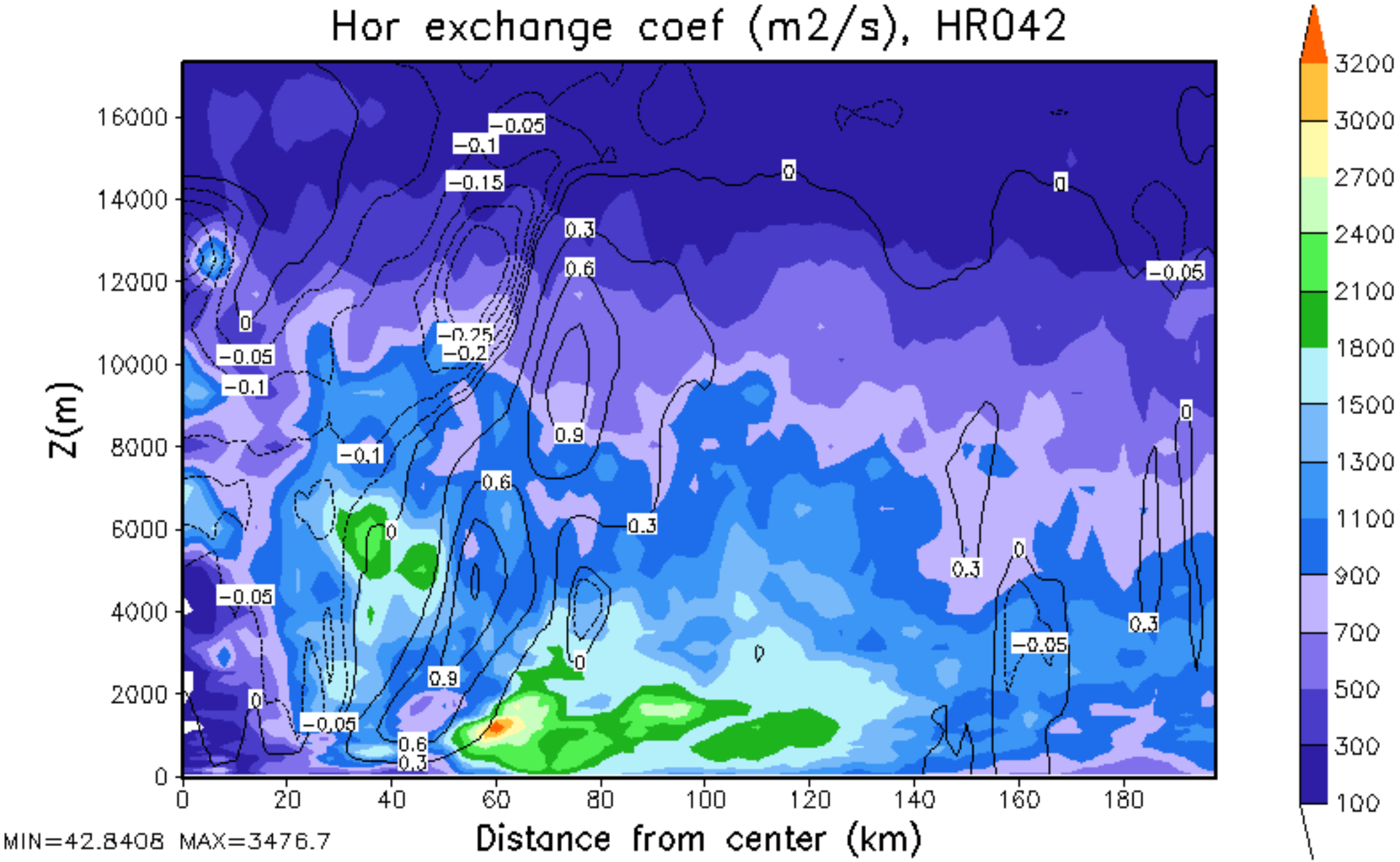
Hor exchange coef (m2/s), HR042
Z(m)
Distance from center (km)
MIN=42.8408 MAX=3476.7
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
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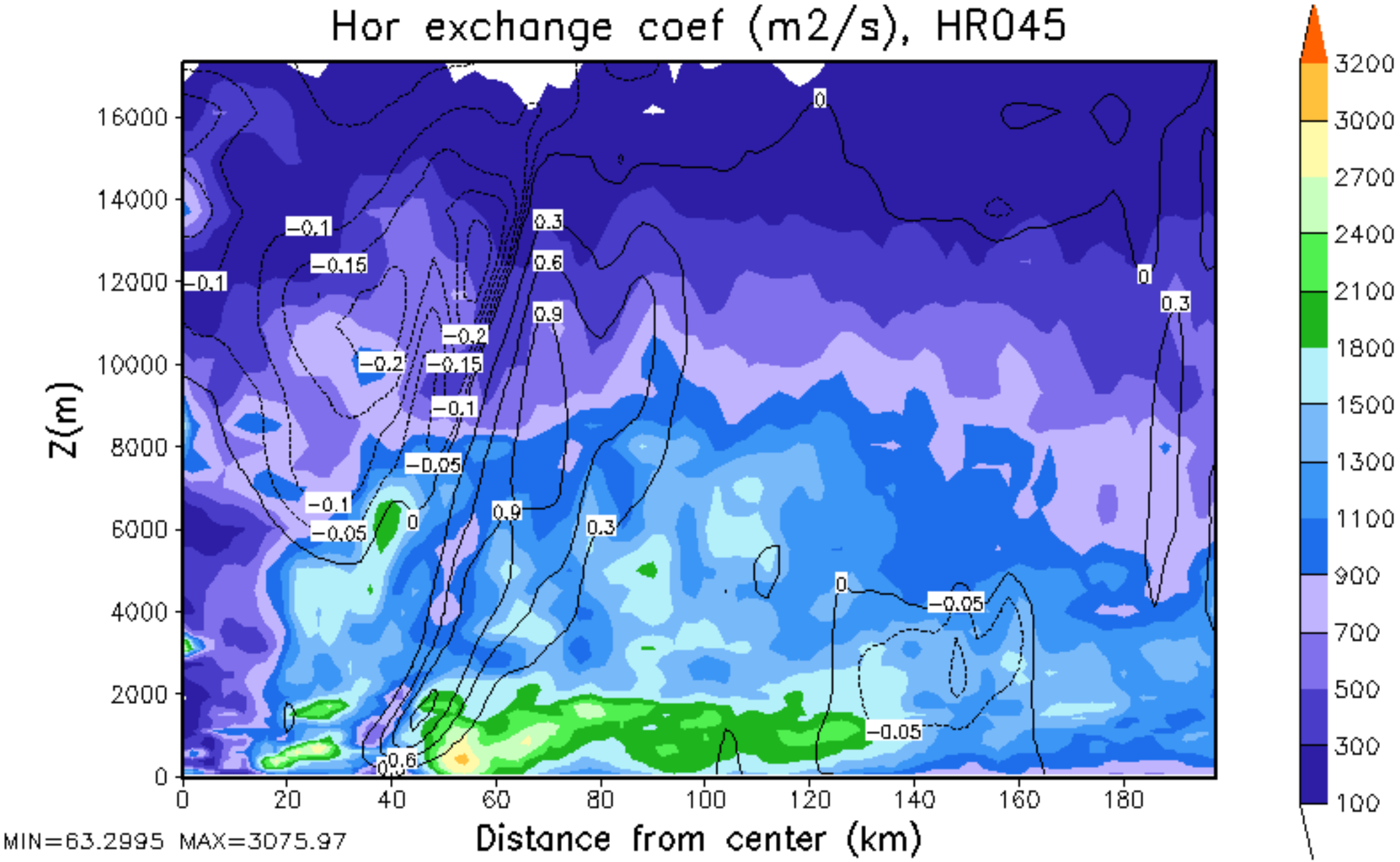
Hor exchange coef (m2/s), HR045
Z(m)
Distance from center (km)
MIN=63.2995 MAX=3075.97
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
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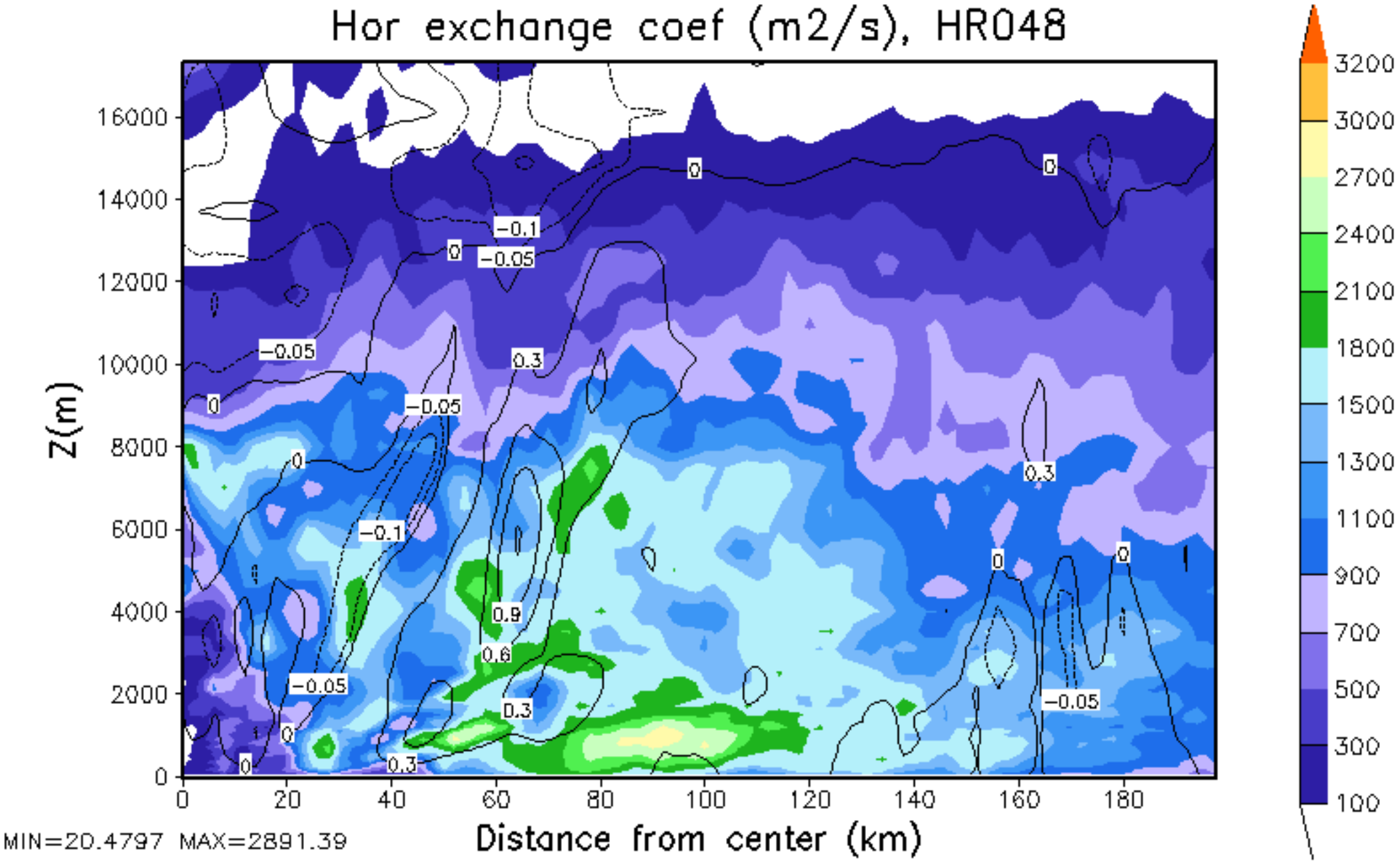
Hor exchange coef (m2/s), HR048
Z(m)
Distance from center (km)
MIN=20.4797 MAX=2891.39
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
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900
700
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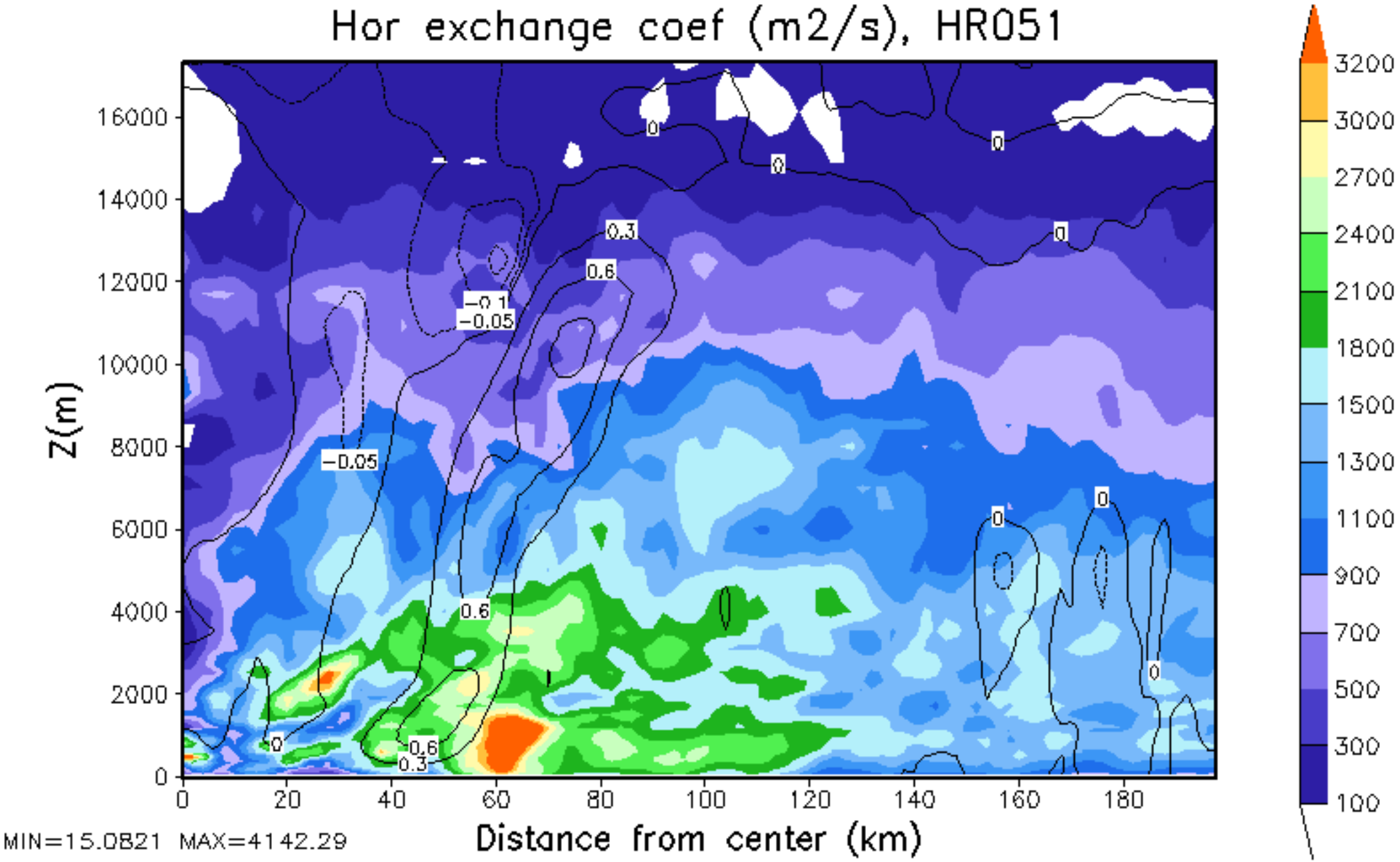
-0.05
0.3
0.9
0.6



Hor exchange coef (m2/s), HR051
Z(m)
Distance from center (km)
MIN=15.0821 MAX=4142.29
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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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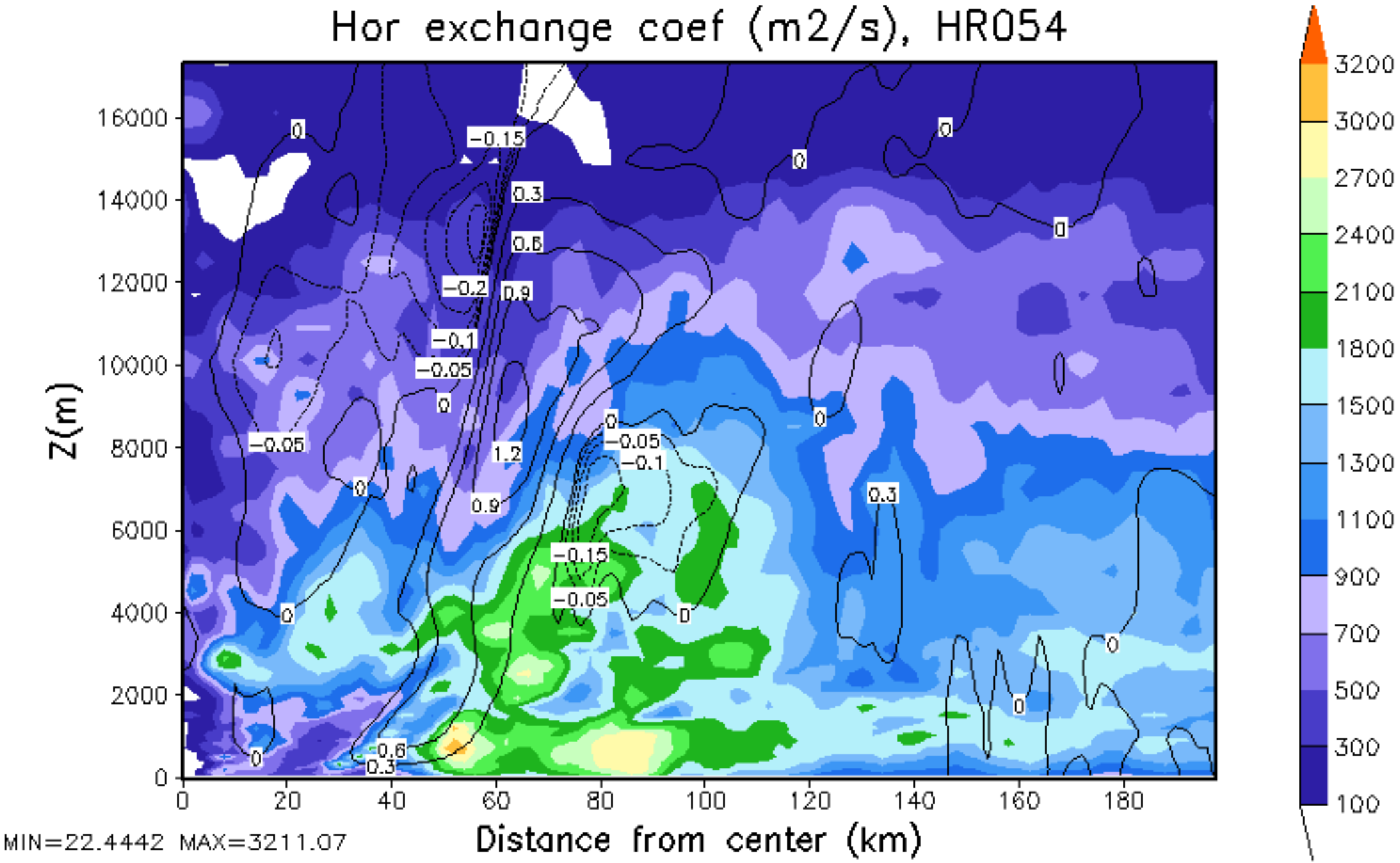
1100
900
700
500
300
100
0
0.3
0.6
-0.1
-0.05


Hor exchange coef (m2/s), HR054
Z(m)
Distance from center (km)
MIN=22.4442 MAX=3211.07
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8000
10000
12000
14000
16000
0
20
40
60
80
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180
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3000
2700
2400
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1500
1300
1100
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700
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300
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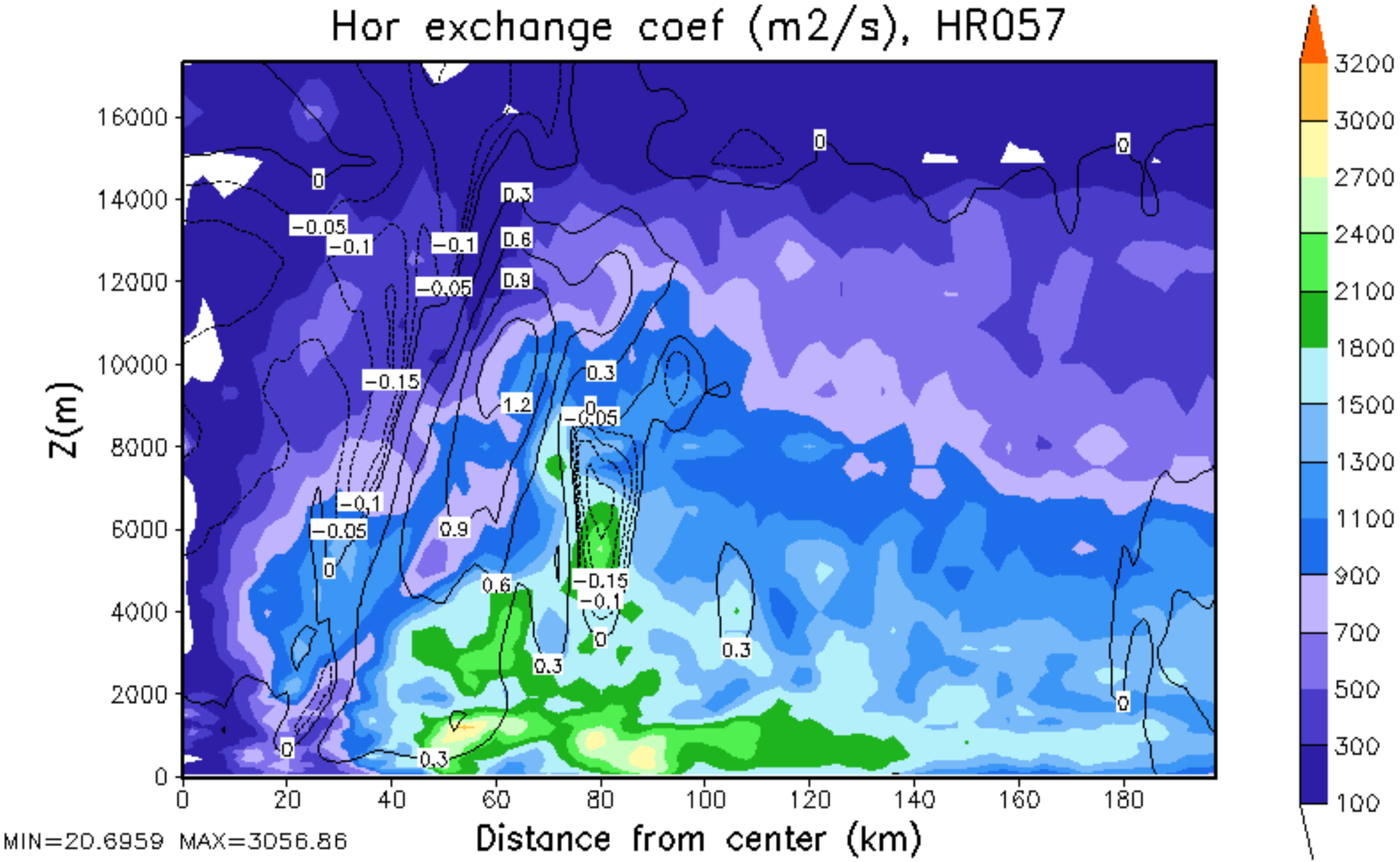
Hor exchange coef (m2/s), HR057
Z(m)
Distance from center (km)
MIN=20.6959 MAX=3056.86
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
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2700
2400
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700
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300
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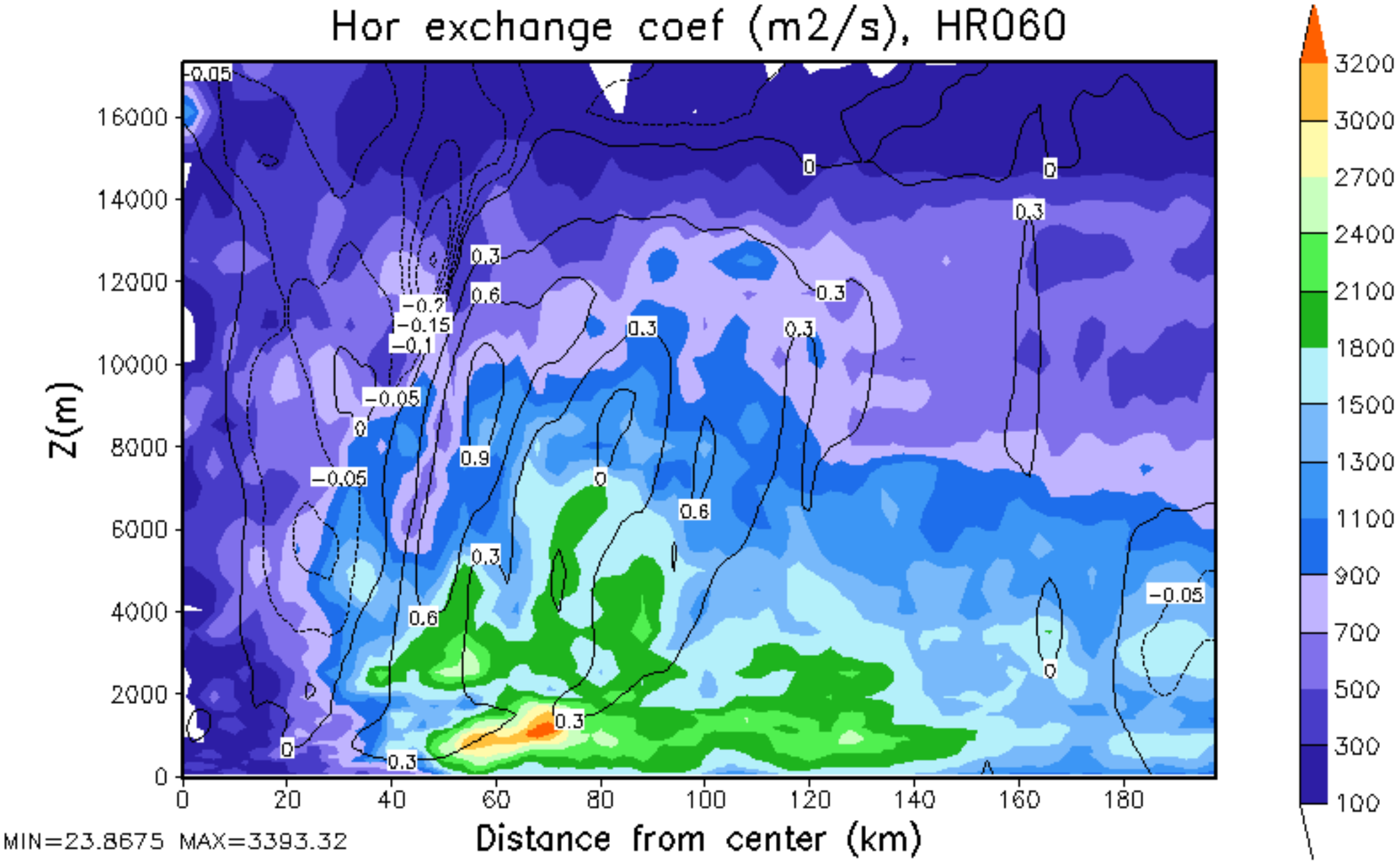
Hor exchange coef (m2/s), HR060
Z(m)
Distance from center (km)
MIN=23.8675 MAX=3393.32
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6000
8000
10000
12000
14000
16000
0
20
40
60
80
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3000
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2400
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1300
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700
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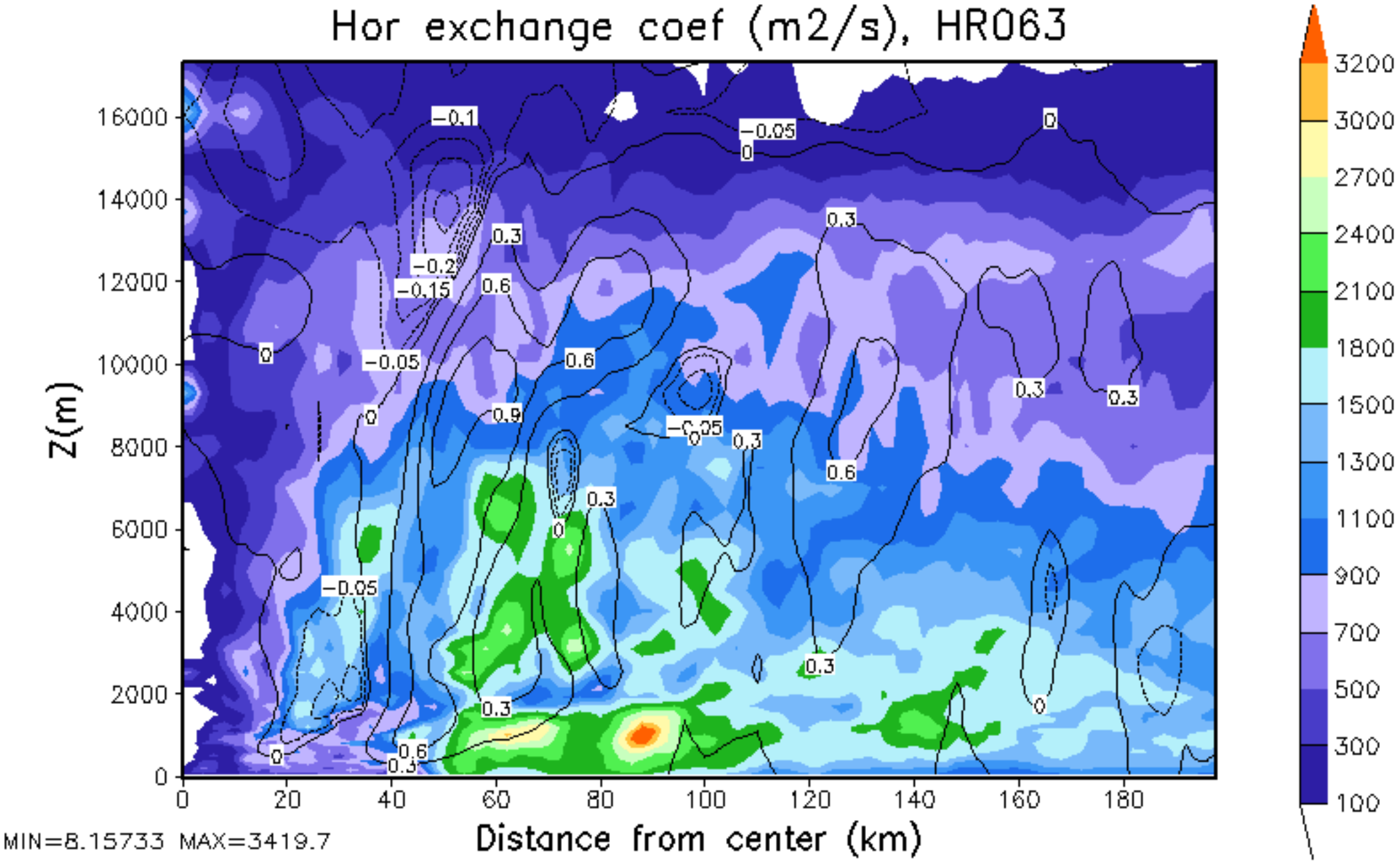
300
100


Hor exchange coef (m2/s), HR063
Z(m)
Distance from center (km)
MIN=8.15733 MAX=3419.7
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
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3200
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2400
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700
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300
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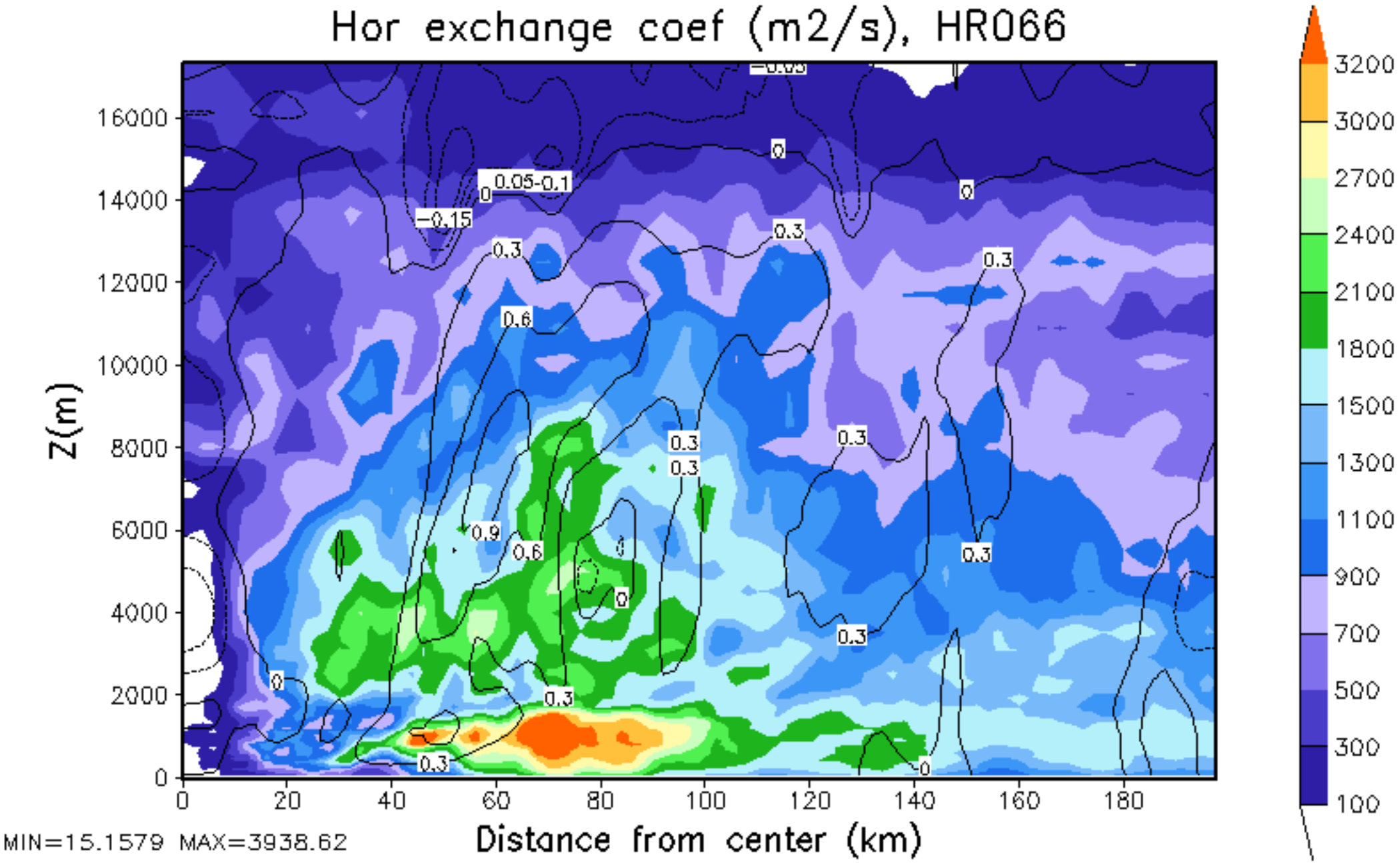
Hor exchange coef (m2/s), HR066
Z(m)
Distance from center (km)
MIN=15.1579 MAX=3938.62
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6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
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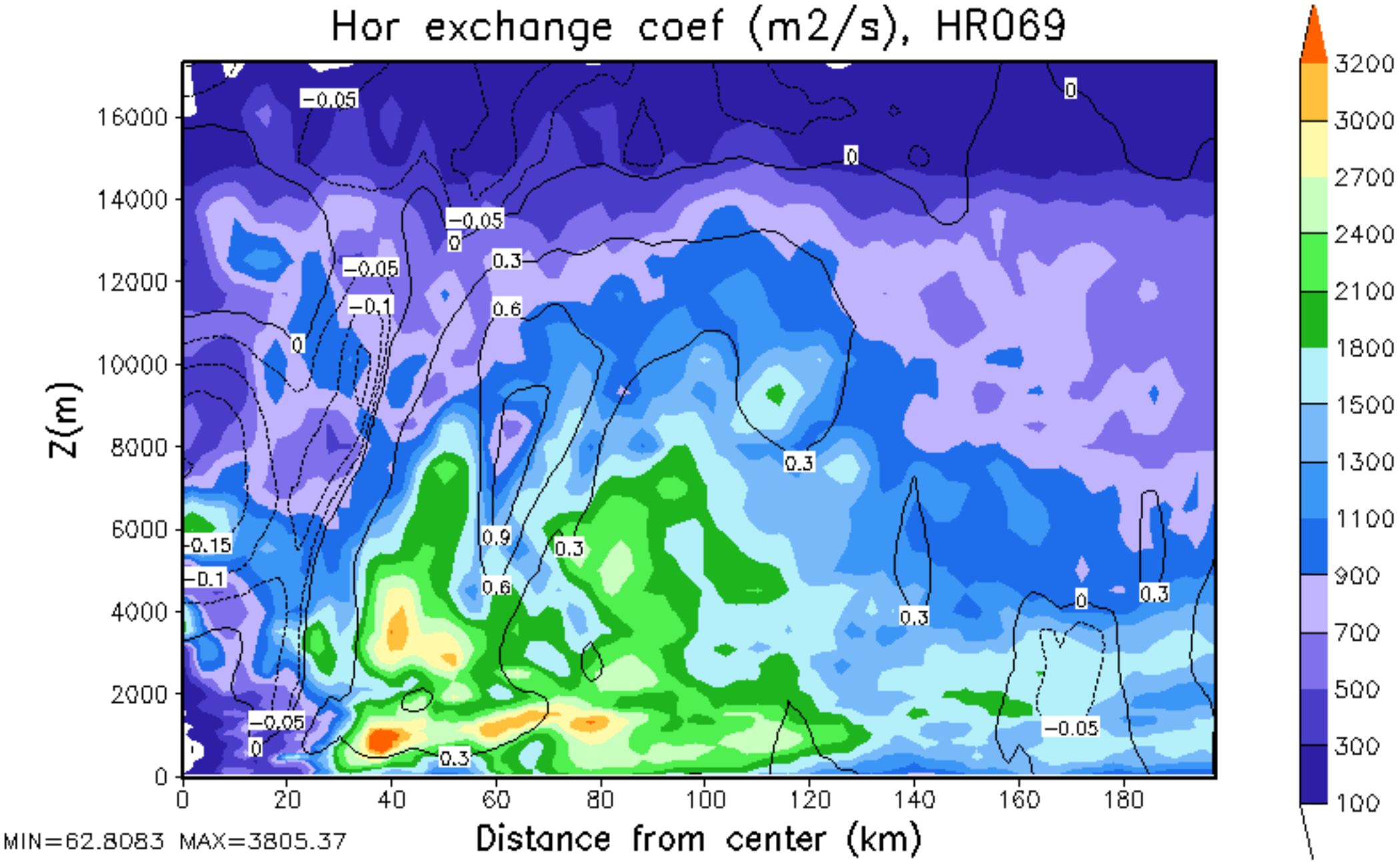
1100
900
700
500
300
100
0.05-0.1
-0.15
0.3
0.6
0.9


Hor exchange coef (m2/s), HR069
Z(m)
Distance from center (km)
MIN=62.8083 MAX=3805.37
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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
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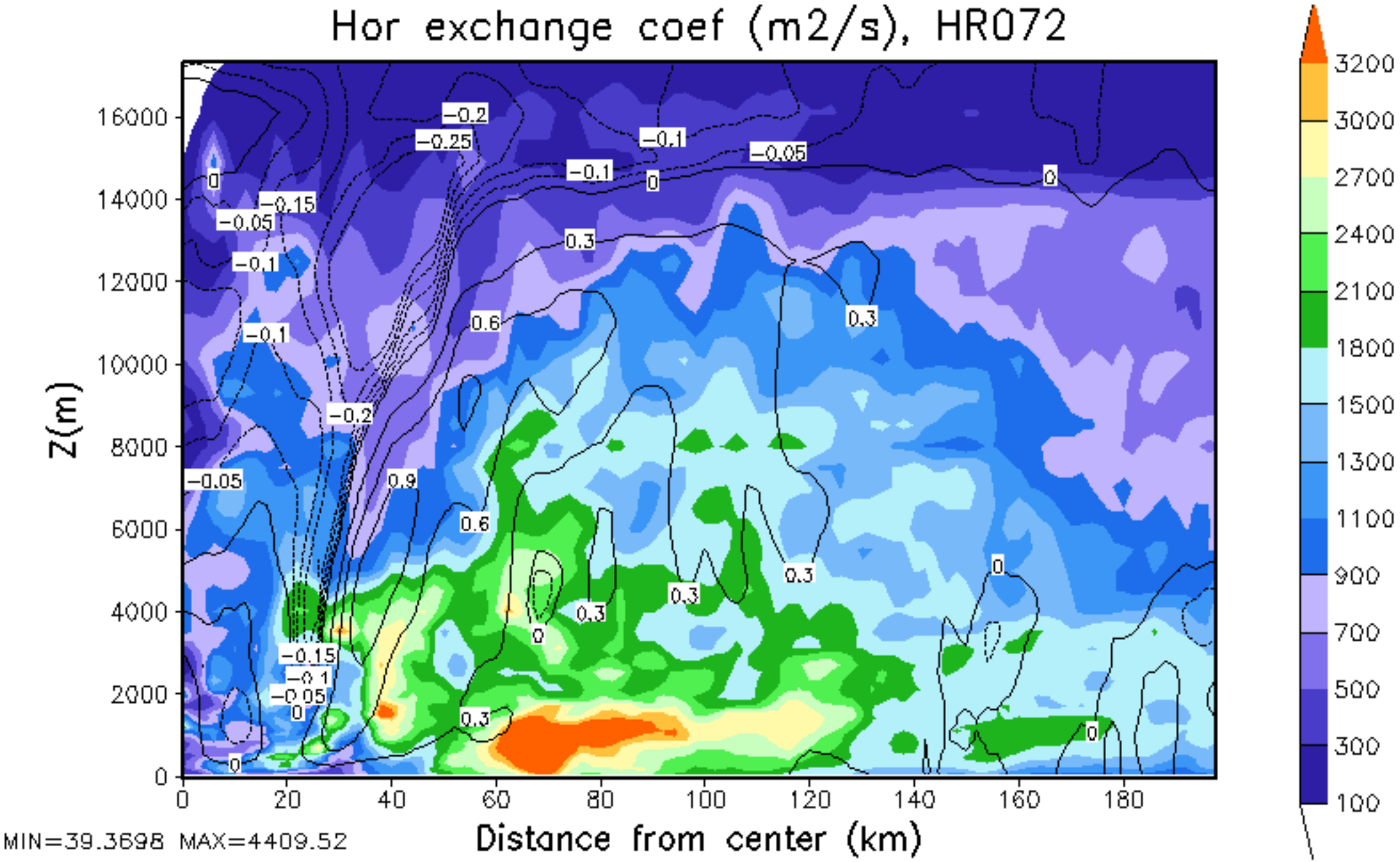
700
500
300
100
-0.05
0
0.3
0.6
0.9
-0.1
-0.15


Hor exchange coef (m2/s), HR072
Z(m)
Distance from center (km)
MIN=39.3698 MAX=4409.52
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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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300
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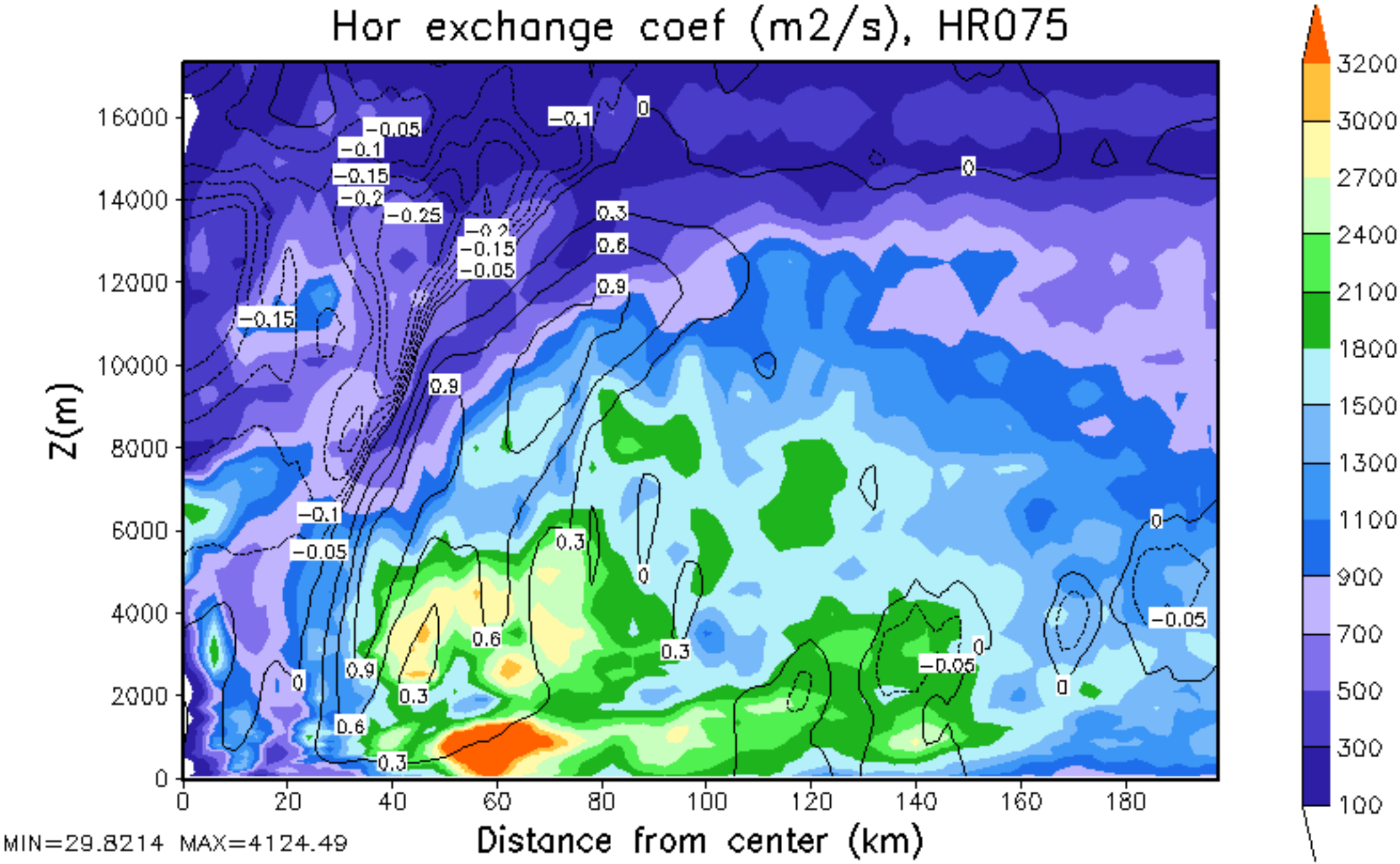
Hor exchange coef (m2/s), HR075
Z(m)
Distance from center (km)
MIN=29.8214 MAX=4124.49
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8000
10000
12000
14000
16000
0
20
40
60
80
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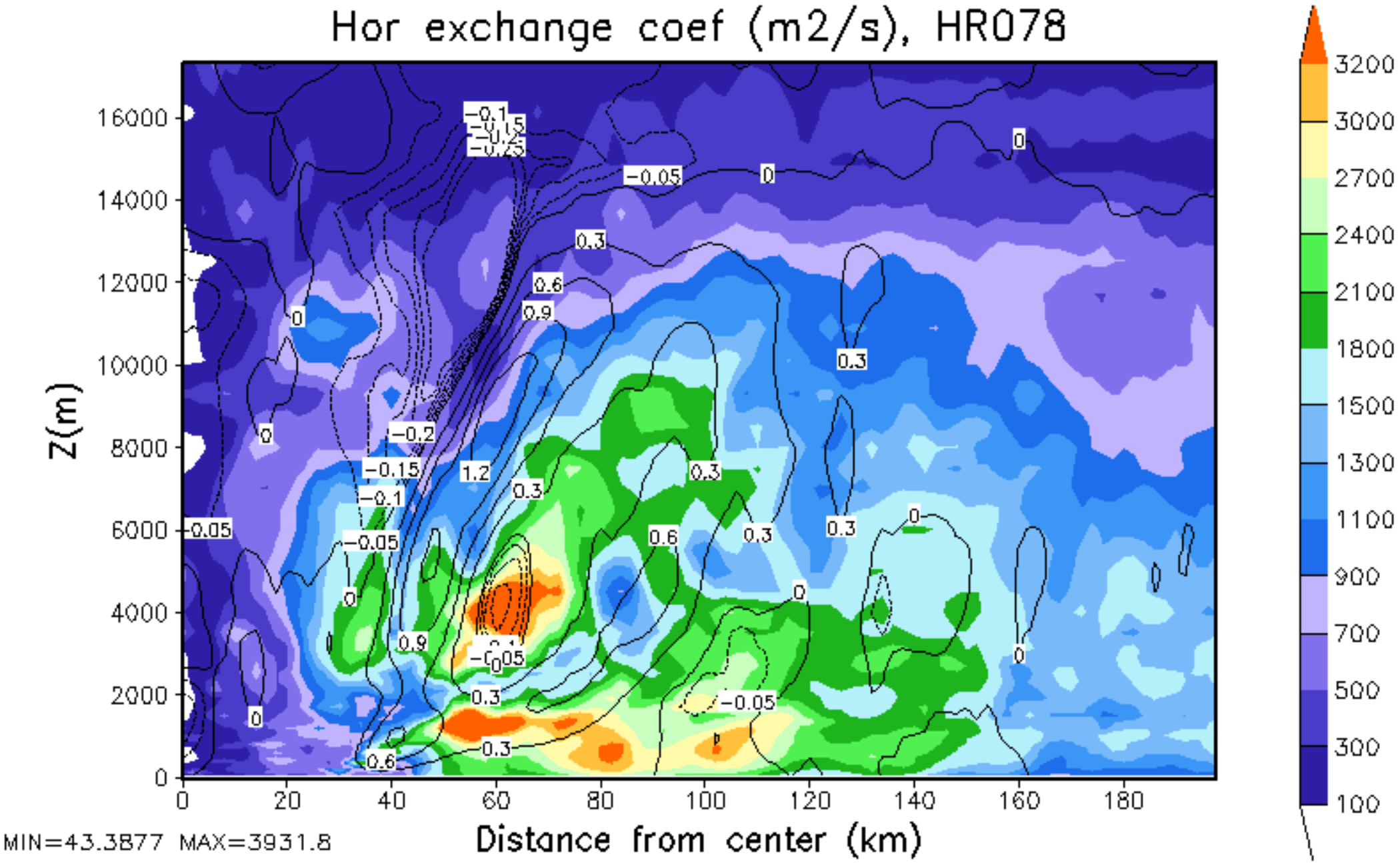
Hor exchange coef (m2/s), HR078
Z(m)
Distance from center (km)
MIN=43.3877 MAX=3931.8
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8000
10000
12000
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16000
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60
80
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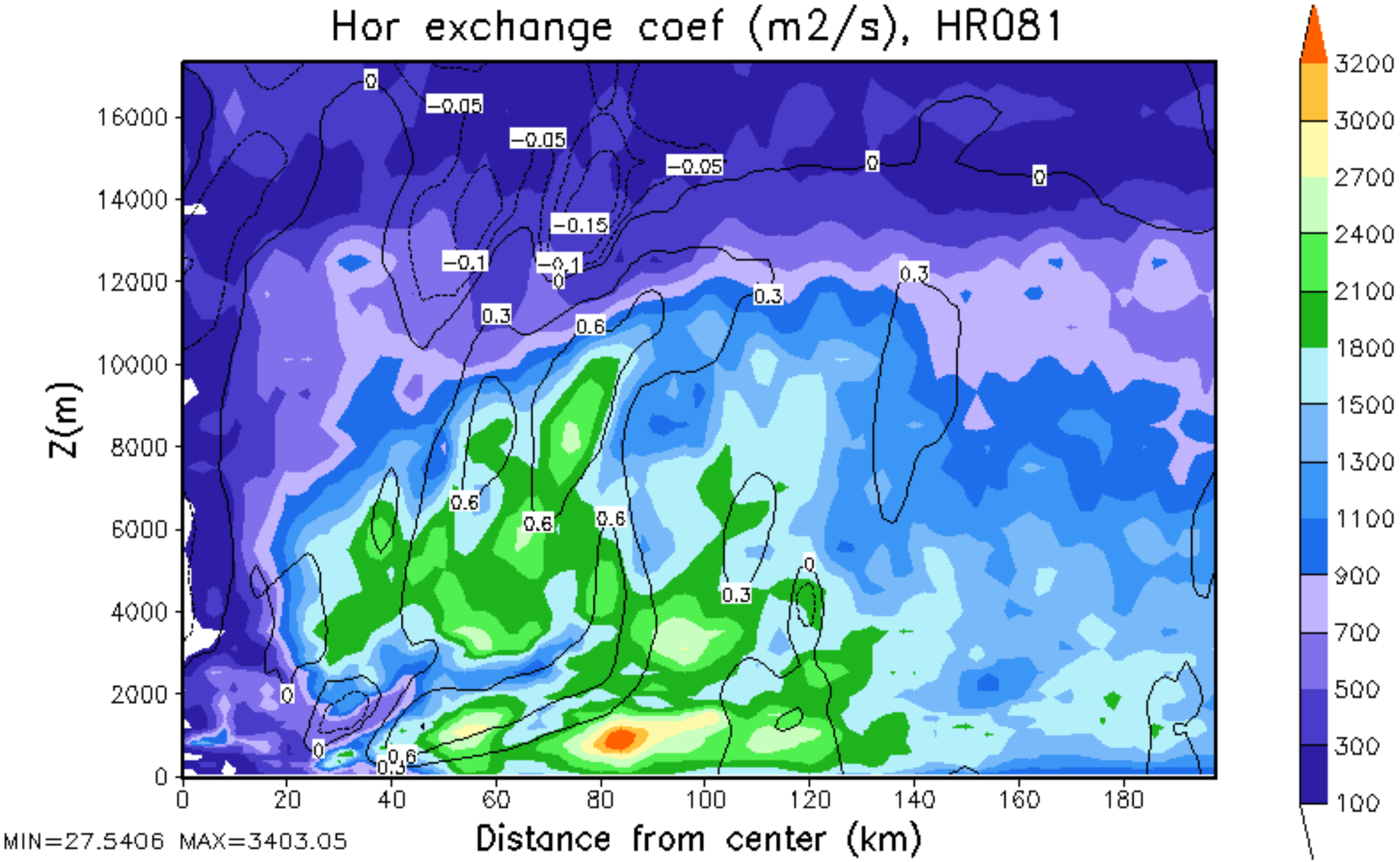
Hor exchange coef (m2/s), HR081
Z(m)
Distance from center (km)
MIN=27.5406 MAX=3403.05
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4000
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8000
10000
12000
14000
16000
0
20
40
60
80
100
120
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180
3200
3000
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2400
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700
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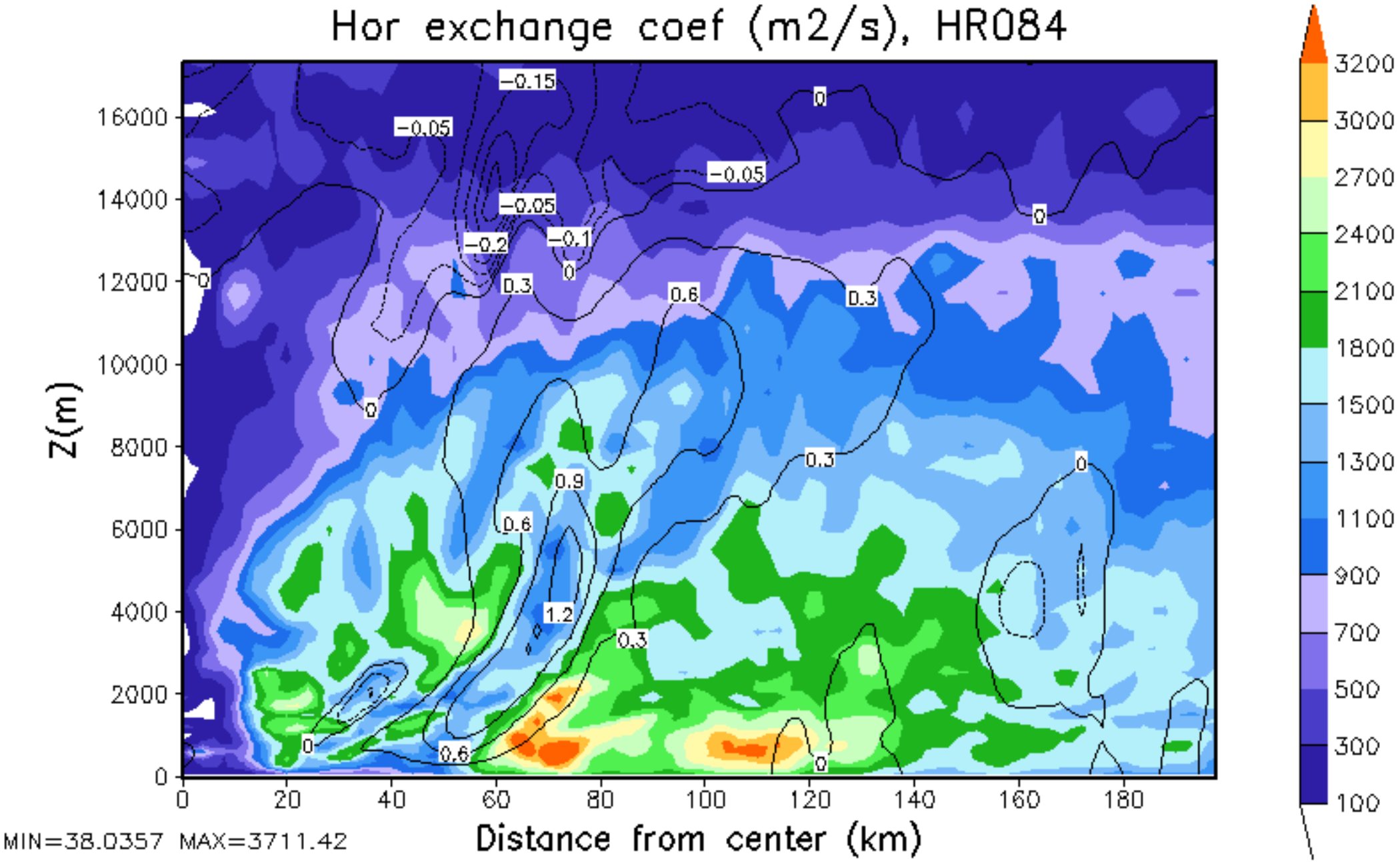
-0.15
-0.1
0.3
0.6


Hor exchange coef (m2/s), HR084
Z(m)
Distance from center (km)
MIN=38.0357 MAX=3711.42
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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
-0.15
-0.05
-0.05
-0.05
-0.2
-0.1
0
0.3
0.6
0.3
0.3
0.9
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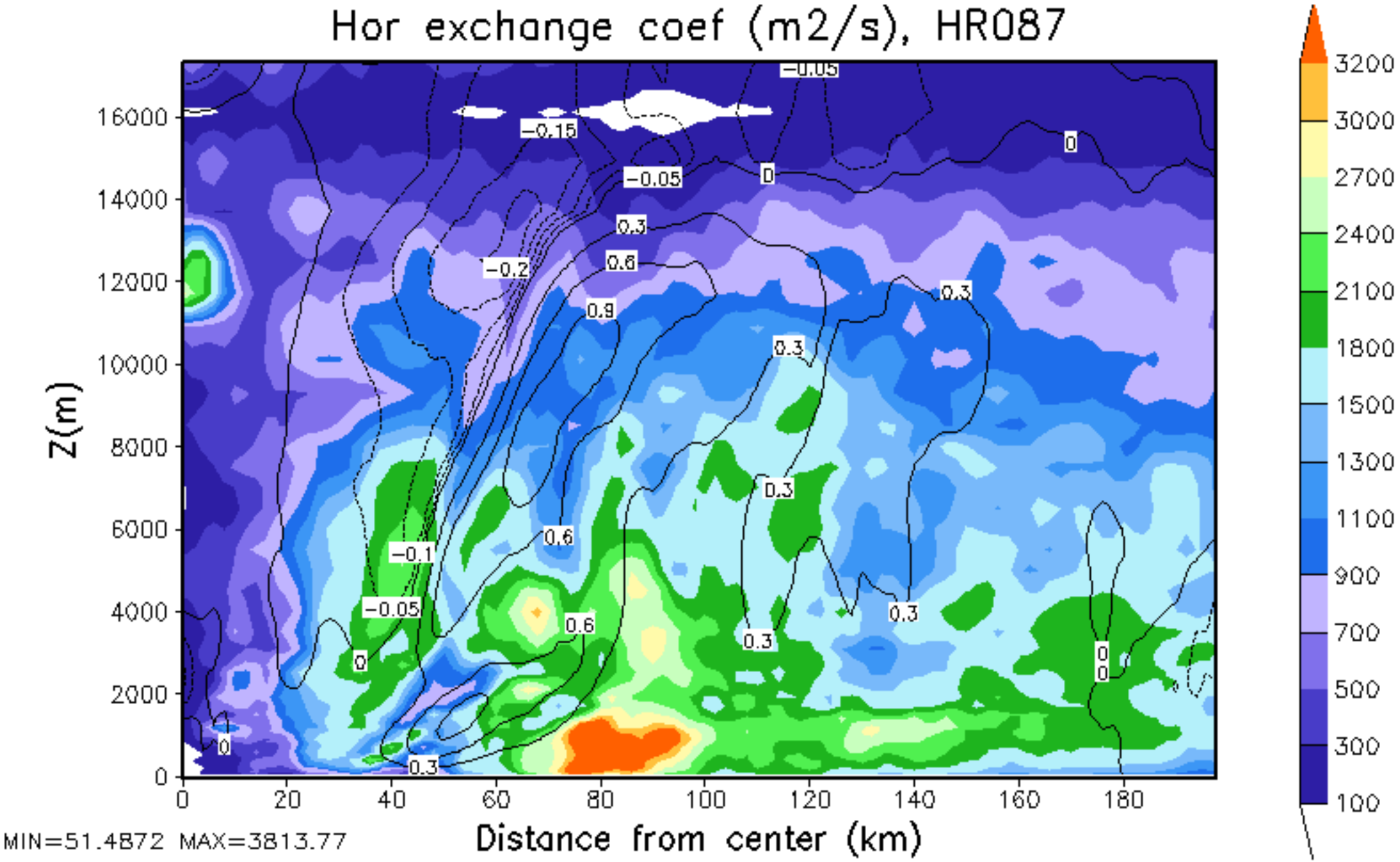
1.2
0.3
0.6


Hor exchange coef (m2/s), HR087
Z(m)
Distance from center (km)
MIN=51.4872 MAX=3813.77
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6000
8000
10000
12000
14000
16000
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80
100
120
140
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180
100
300
500
700
900
1100
1300
1500
1800
2100
2400
2700
3000
3200
−0.05
−0.15
−0.05
0
0
0.3
0.6
−0.2
0.9
0.3
0.3
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−0.1
−0.05
0.6
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0.3
0.3
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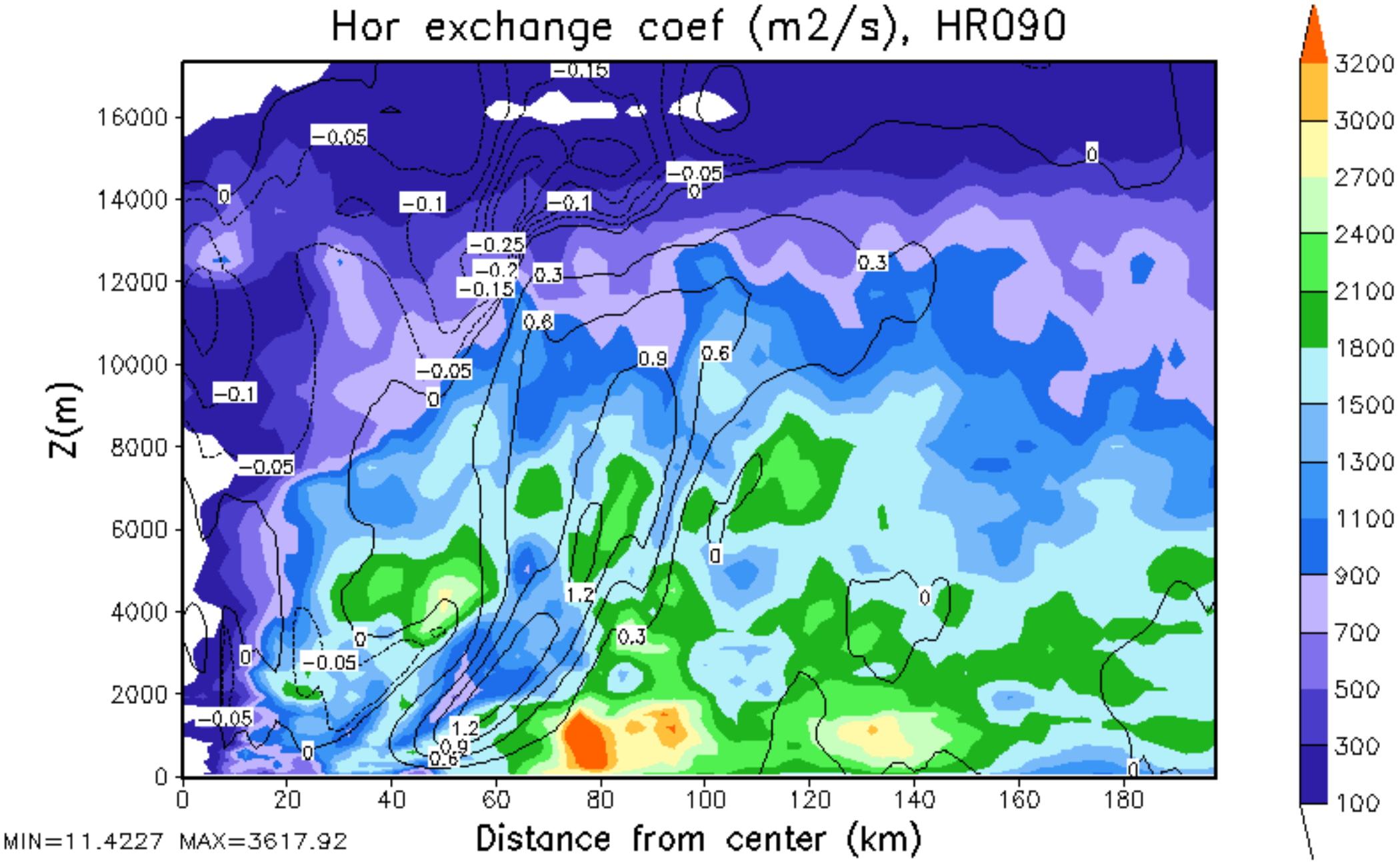
0
0
0.3


Hor exchange coef (m2/s), HR090
Z(m)
Distance from center (km)
MIN=11.4227 MAX=3617.92
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8000
10000
12000
14000
16000
0
20
40
60
80
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2400
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1300
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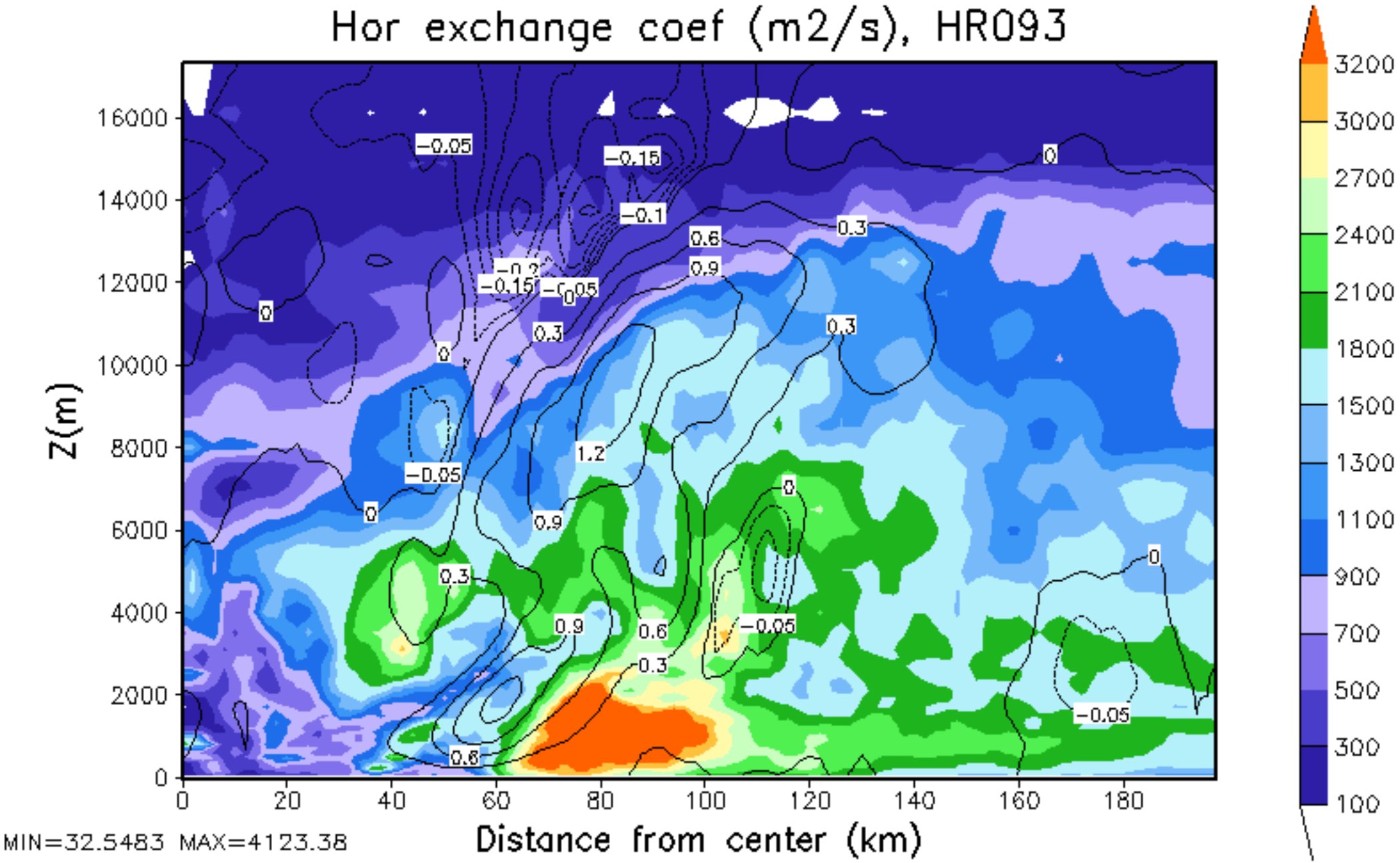
Hor exchange coef (m2/s), HR093
Z(m)
Distance from center (km)
MIN=32.5483 MAX=4123.38
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8000
10000
12000
14000
16000
0
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40
60
80
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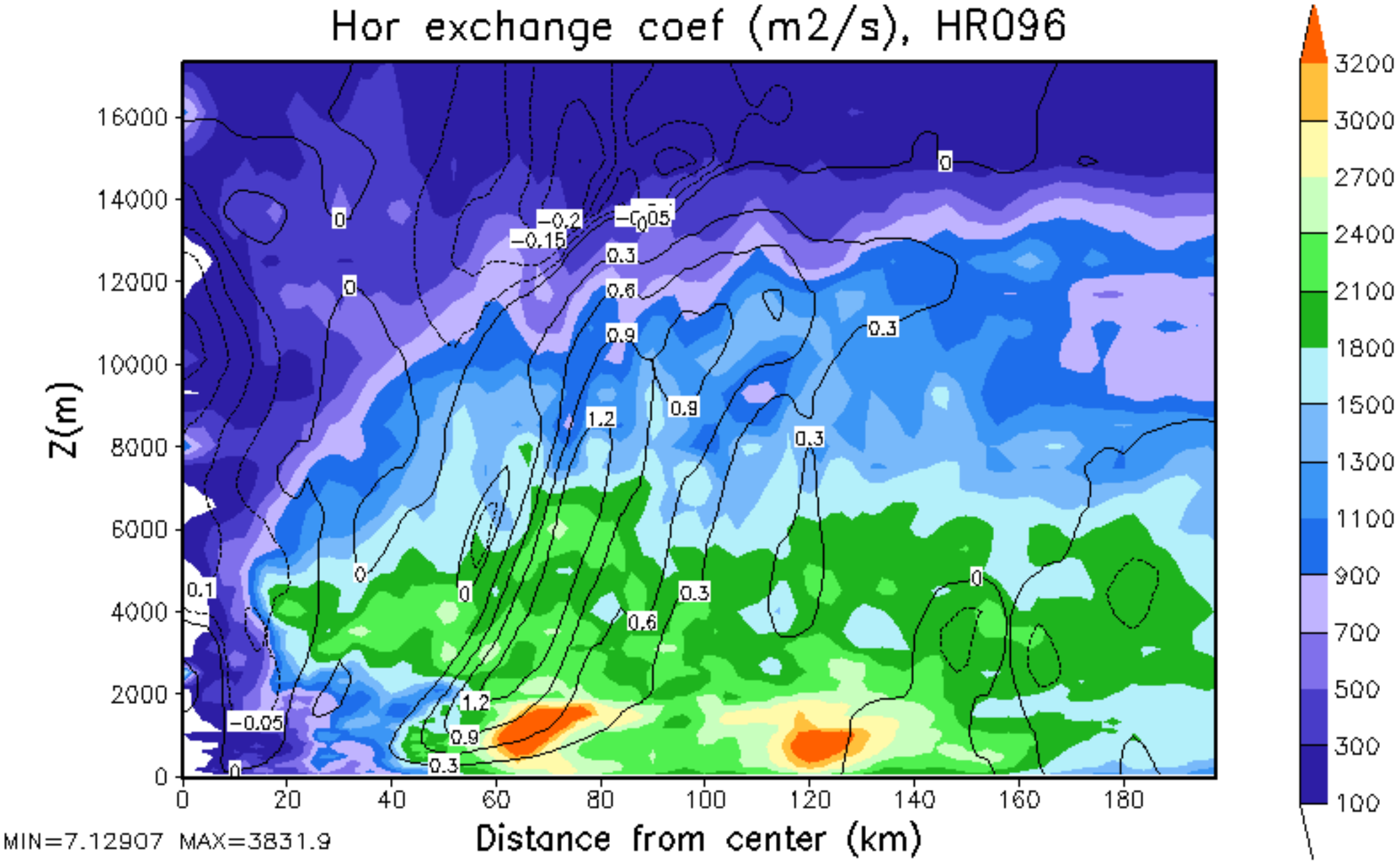

Hor exchange coef (m2/s), HR096
Z(m)
Distance from center (km)
MIN=7.12907 MAX=3831.9
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6000
8000
10000
12000
14000
16000
0
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40
60
80
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300
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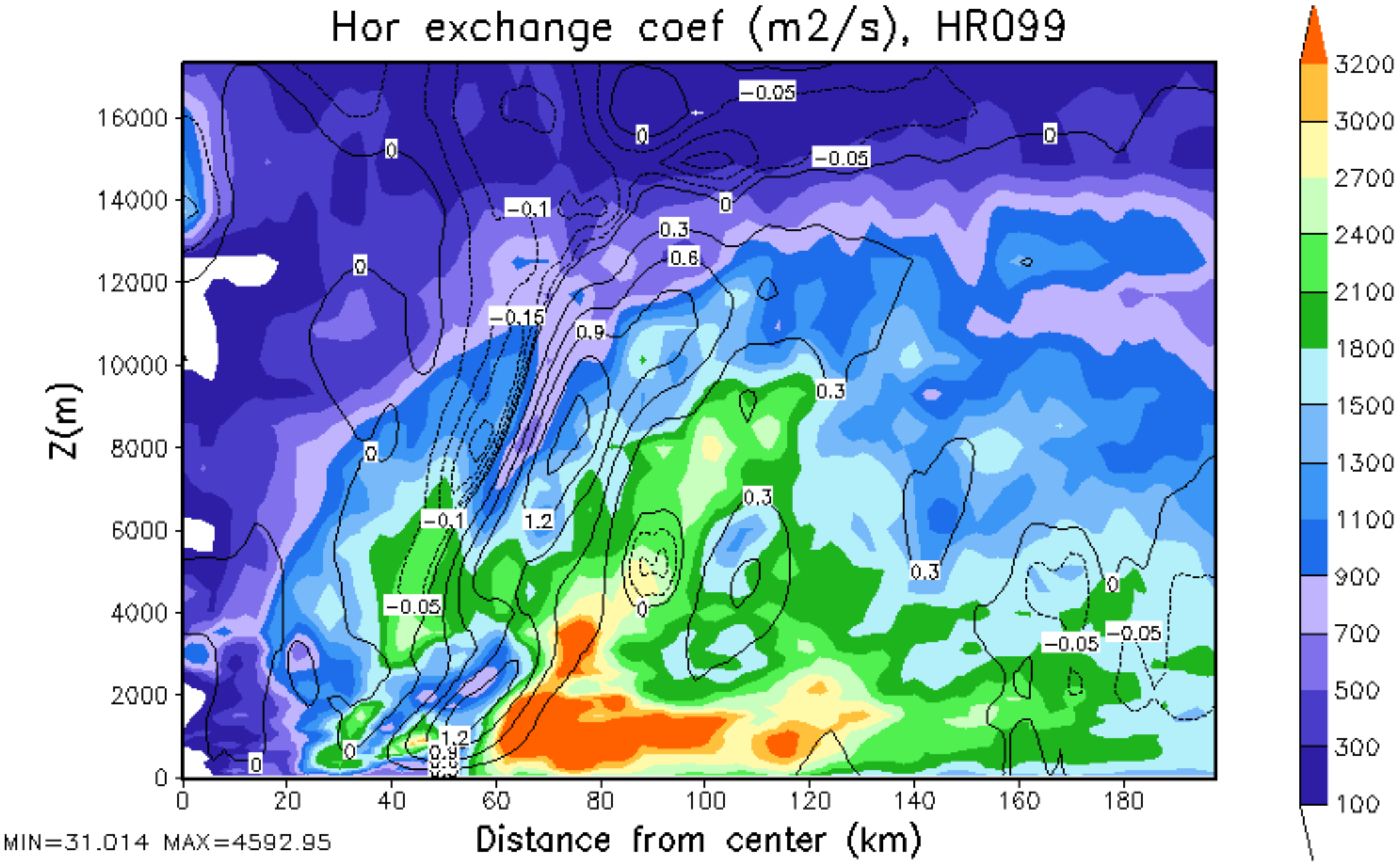
Hor exchange coef (m2/s), HR099
Z(m)
Distance from center (km)
MIN=31.014 MAX=4592.95
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6000
8000
10000
12000
14000
16000
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60
80
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300
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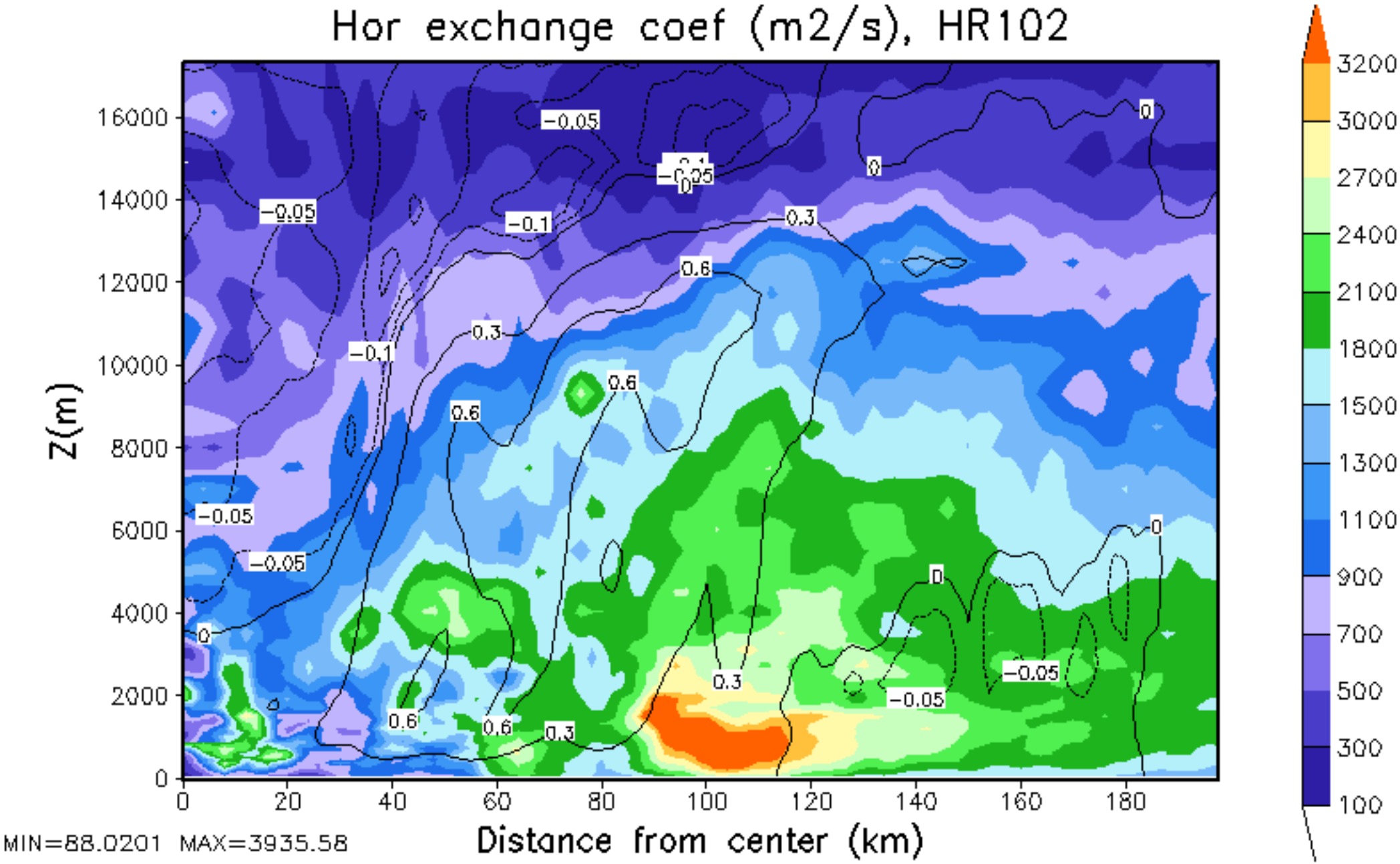
Hor exchange coef (m2/s), HR102
Z(m)
Distance from center (km)
MIN=88.0201 MAX=3935.58
0
2000
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6000
8000
10000
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14000
16000
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60
80
100
120
140
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2700
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700
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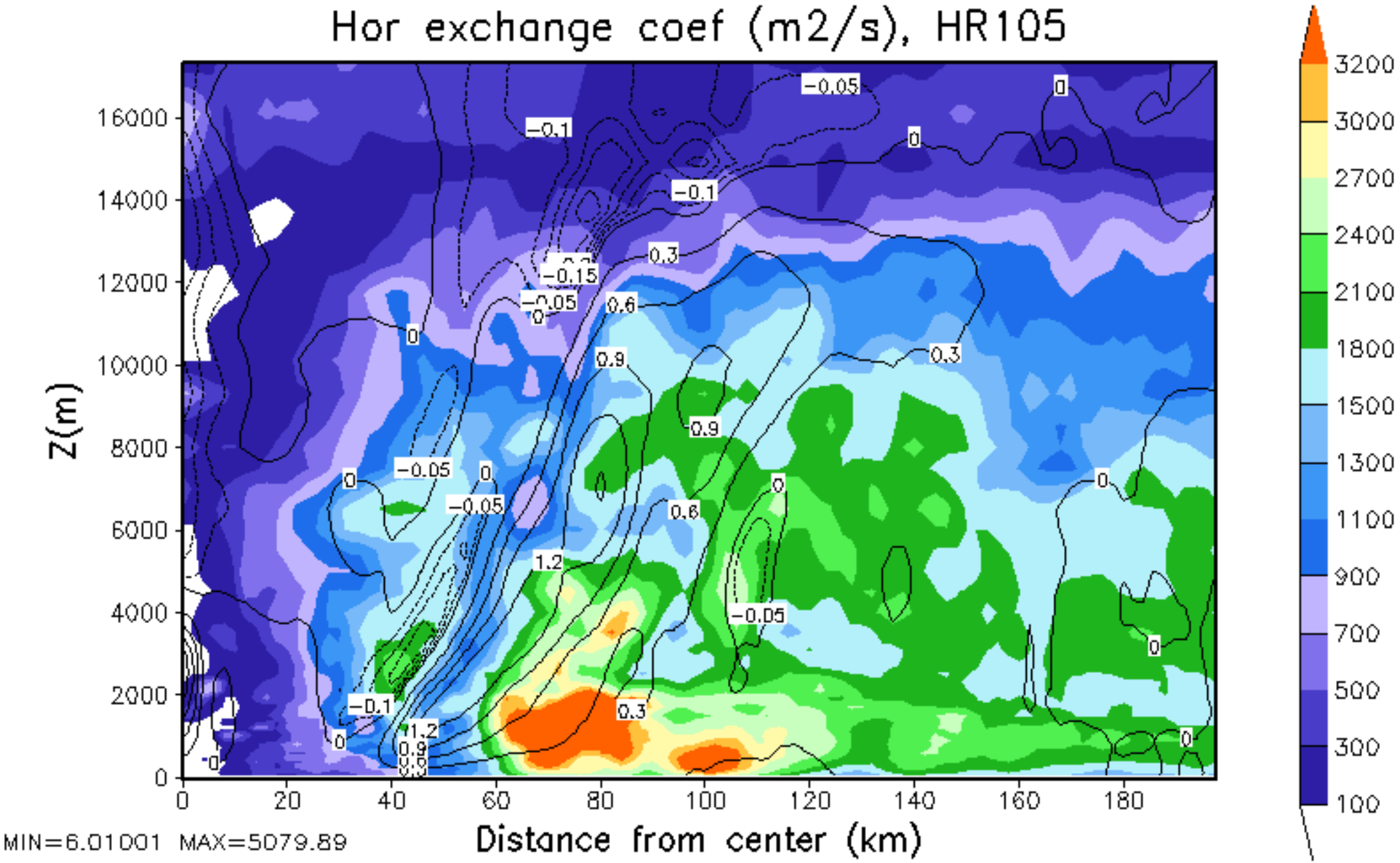
Hor exchange coef (m2/s), HR105
Z(m)
Distance from center (km)
MIN=6.01001 MAX=5079.89
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8000
10000
12000
14000
16000
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60
80
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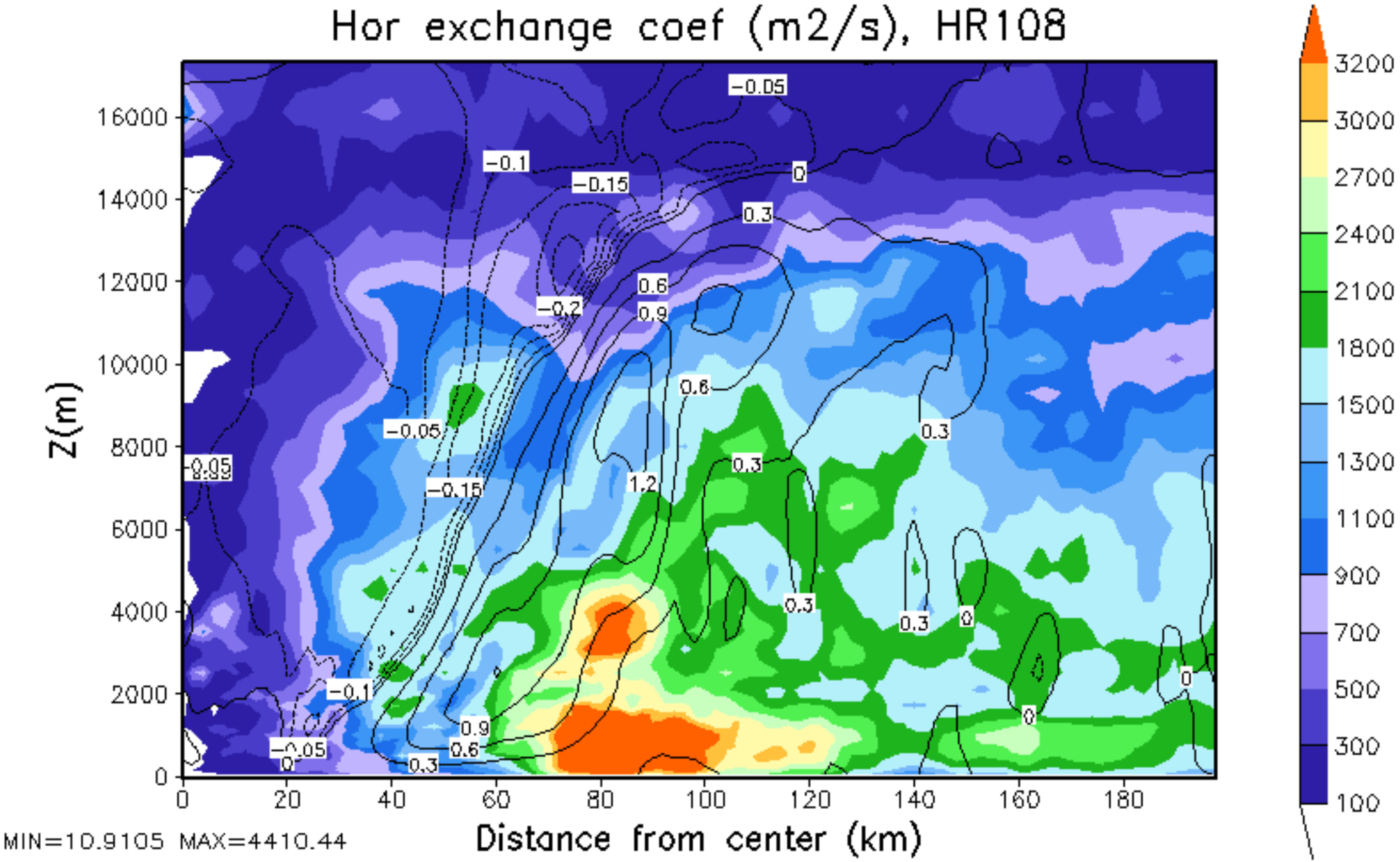
Hor exchange coef (m2/s), HR108
Z(m)
Distance from center (km)
MIN=10.9105 MAX=4410.44
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2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
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3200
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1300
1100
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-0.1
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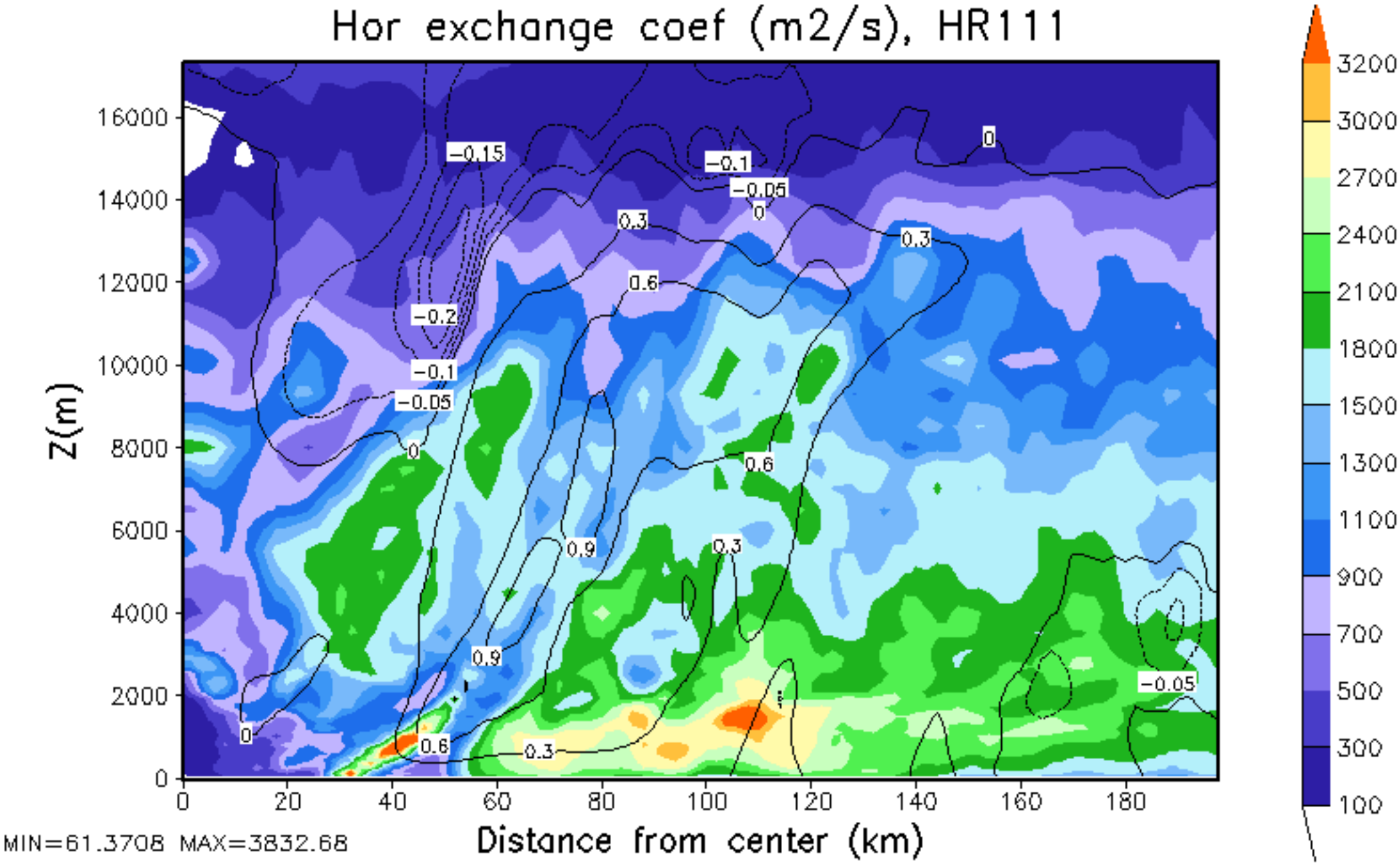
1.2


Hor exchange coef (m2/s), HR111
Z(m)
Distance from center (km)
MIN=61.3708 MAX=3832.68
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8000
10000
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60
80
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120
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3200
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700
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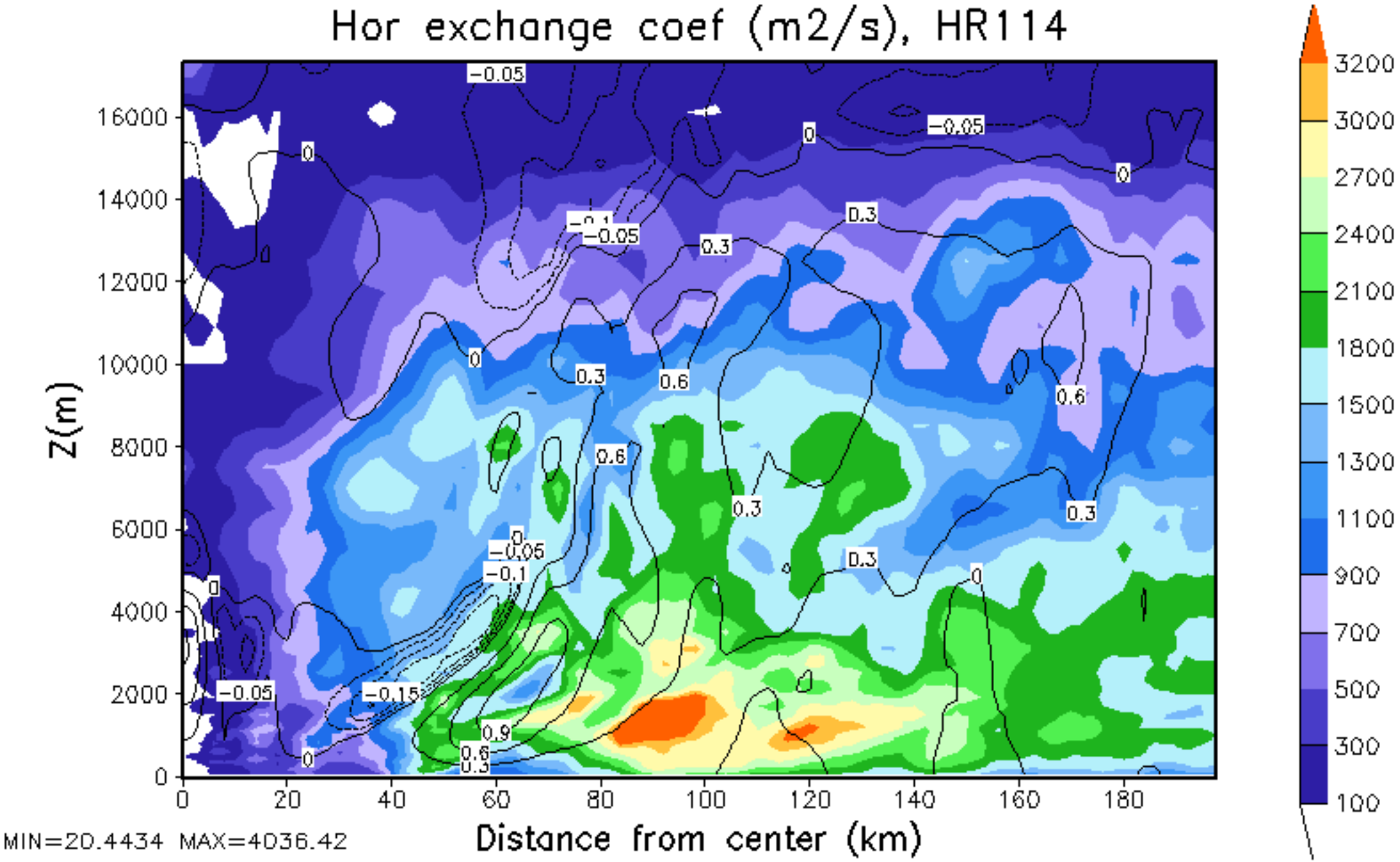
−0.1
−0.05
0
0.3
0.6
0.9
−0.2


Hor exchange coef (m2/s), HR114
Z(m)
Distance from center (km)
MIN=20.4434 MAX=4036.42
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
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300
500
700
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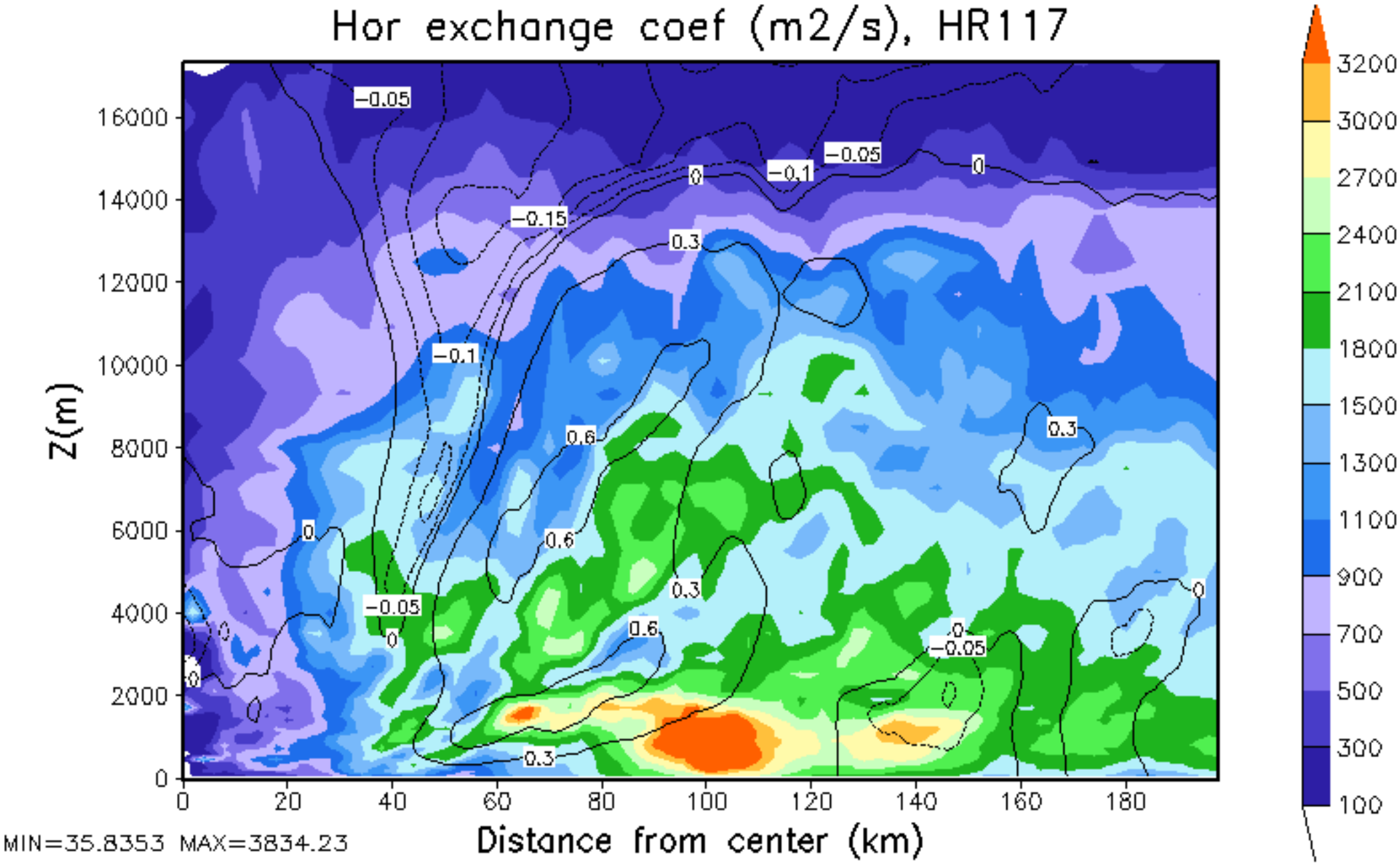
1100
1300
1500
1800
2100
2400
2700
3000
3200


Hor exchange coef (m2/s), HR117
Z(m)
Distance from center (km)
MIN=35.8353 MAX=3834.23
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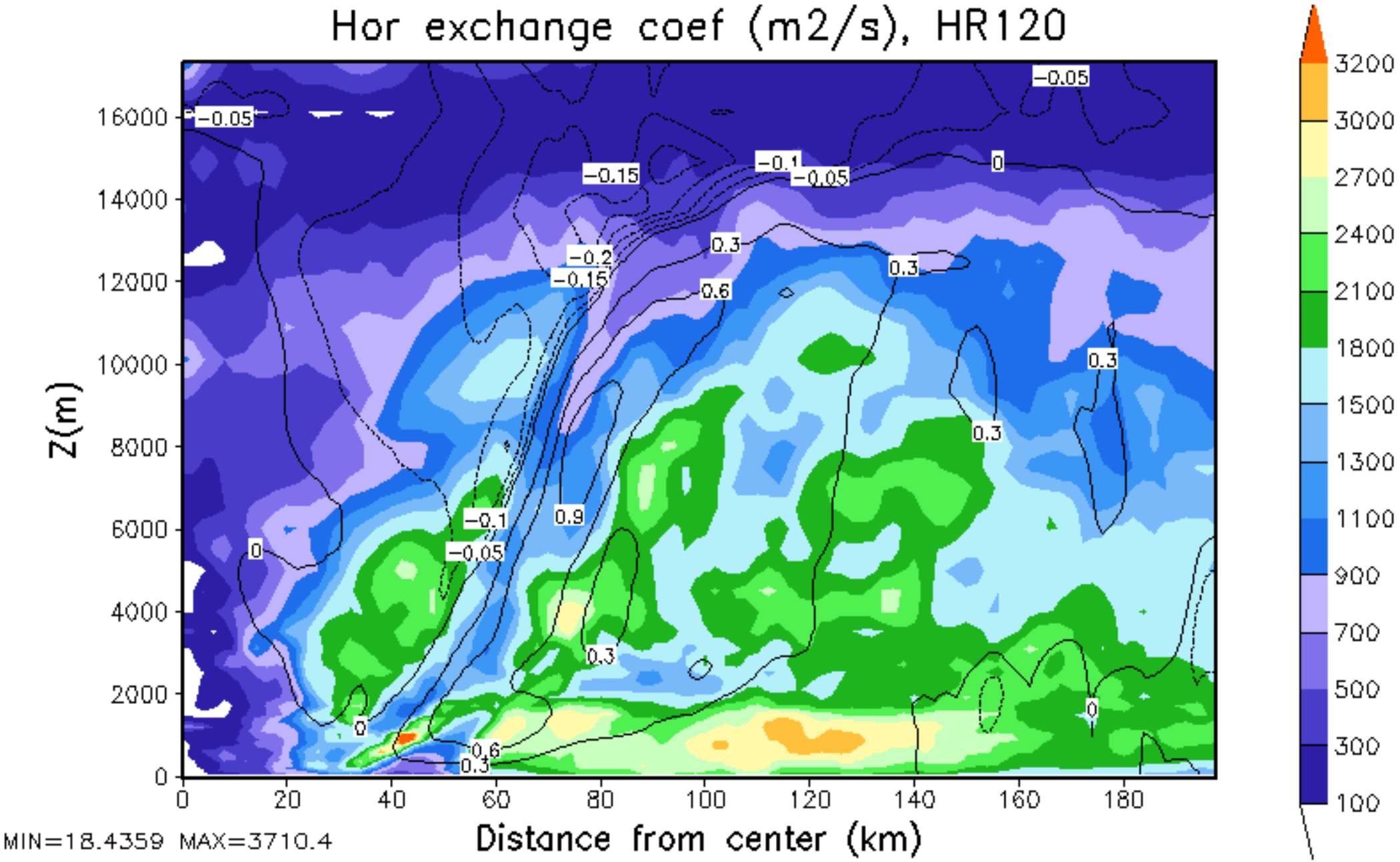
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
100
300
500
700
900
1100
1300
1500
1800
2100
2400
2700
3000
3200
−0.05
−0.1
−0.15
0
0.3
0.6


Hor exchange coef (m2/s), HR120
Z(m)
Distance from center (km)
MIN=18.4359 MAX=3710.4
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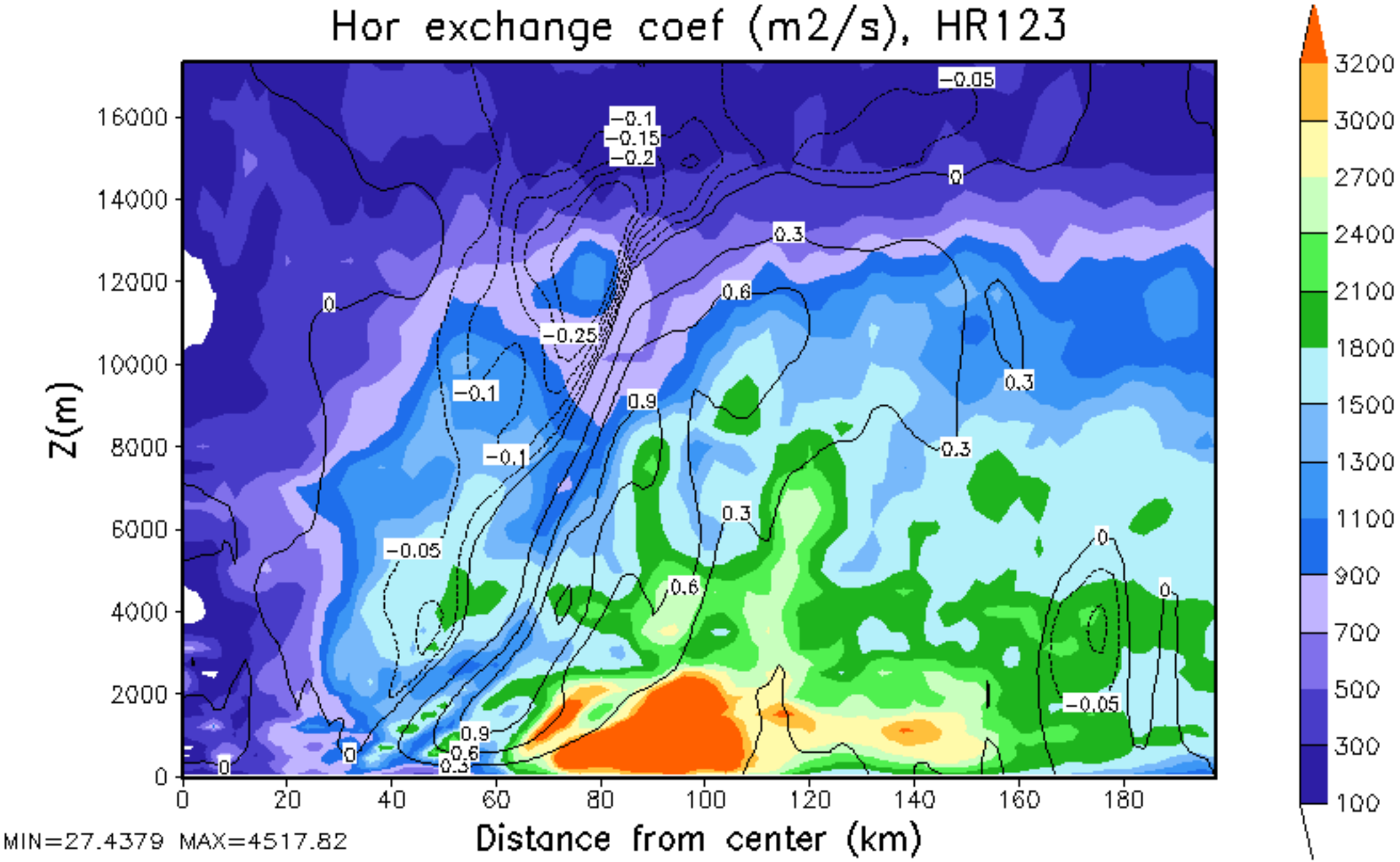
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.05
-0.15
-0.1
-0.2
0.3
0.6
0.9
0


Hor exchange coef (m2/s), HR123
Z(m)
Distance from center (km)
MIN=27.4379 MAX=4517.82
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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
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−0.1
−0.15
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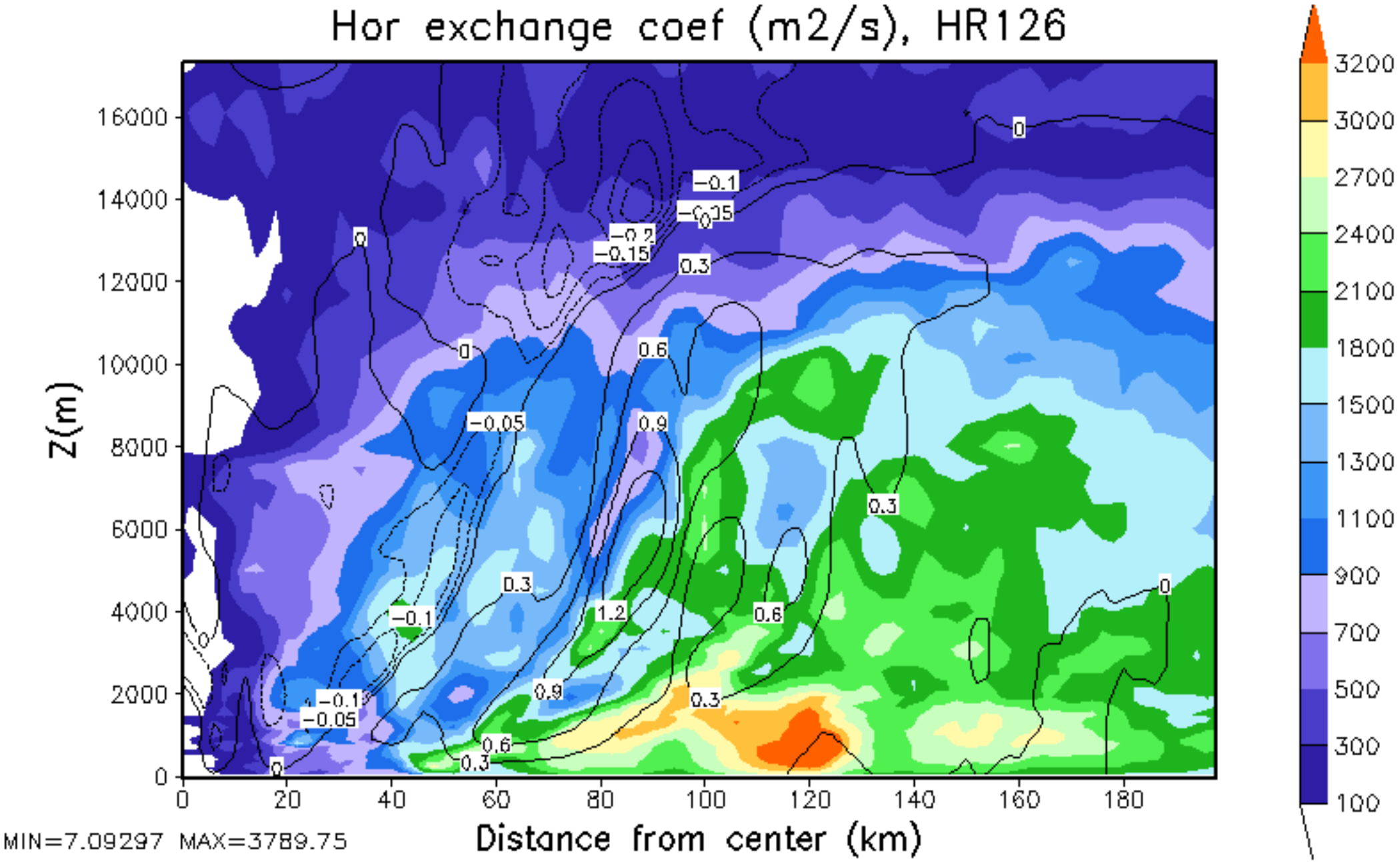
−0.25
0
0.3
0.6
0.9


Hor exchange coef (m2/s), HR126
Z(m)
Distance from center (km)
MIN=7.09297 MAX=3789.75
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4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
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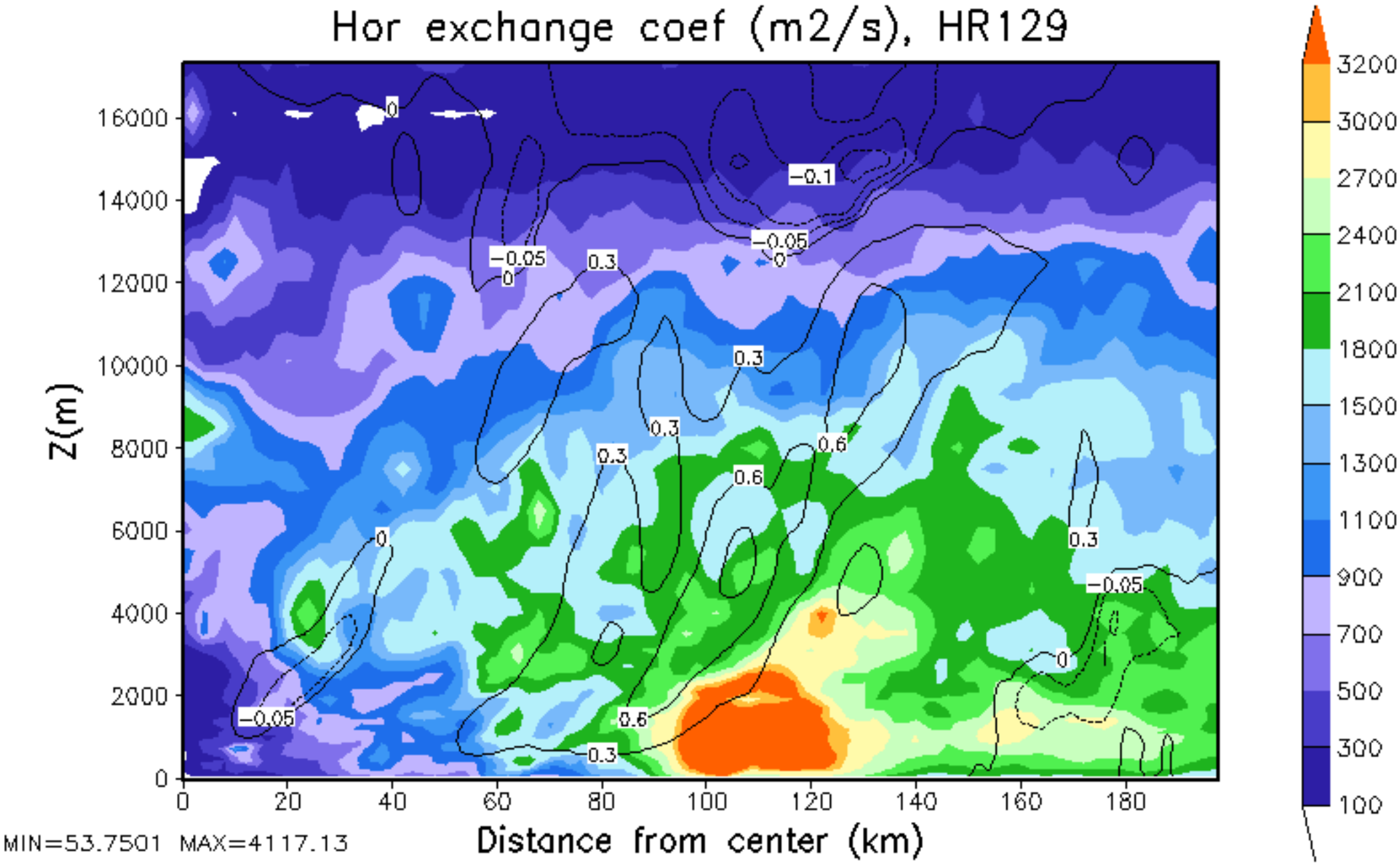
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100


Hor exchange coef (m2/s), HR129
Z(m)
Distance from center (km)
MIN=53.7501 MAX=4117.13
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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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1500
1300
1100
900
700
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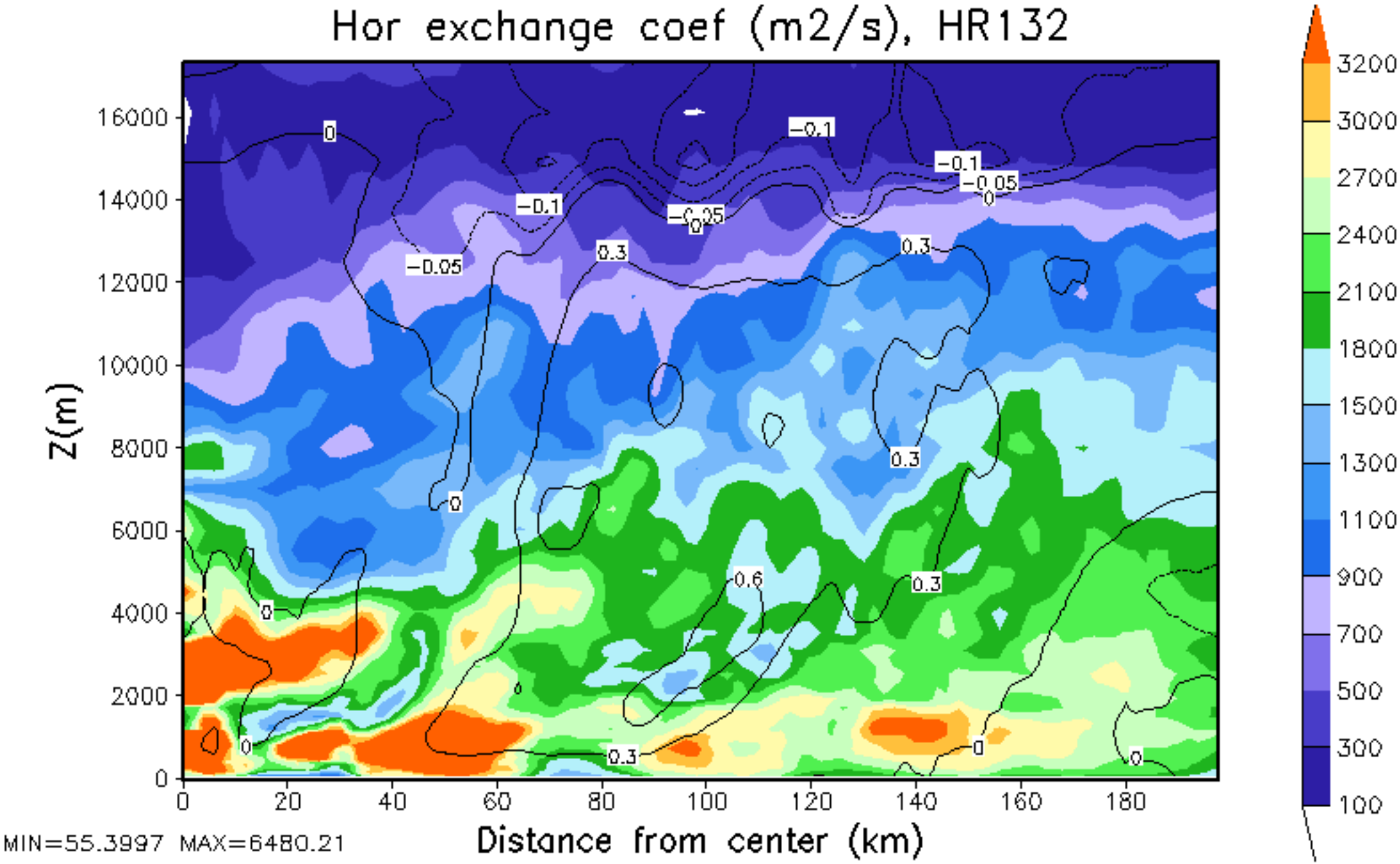
300
100
−0.1
−0.05
0
0.3
0.6


Hor exchange coef (m2/s), HR132
Z(m)
Distance from center (km)
MIN=55.3997 MAX=6480.21
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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
900
700
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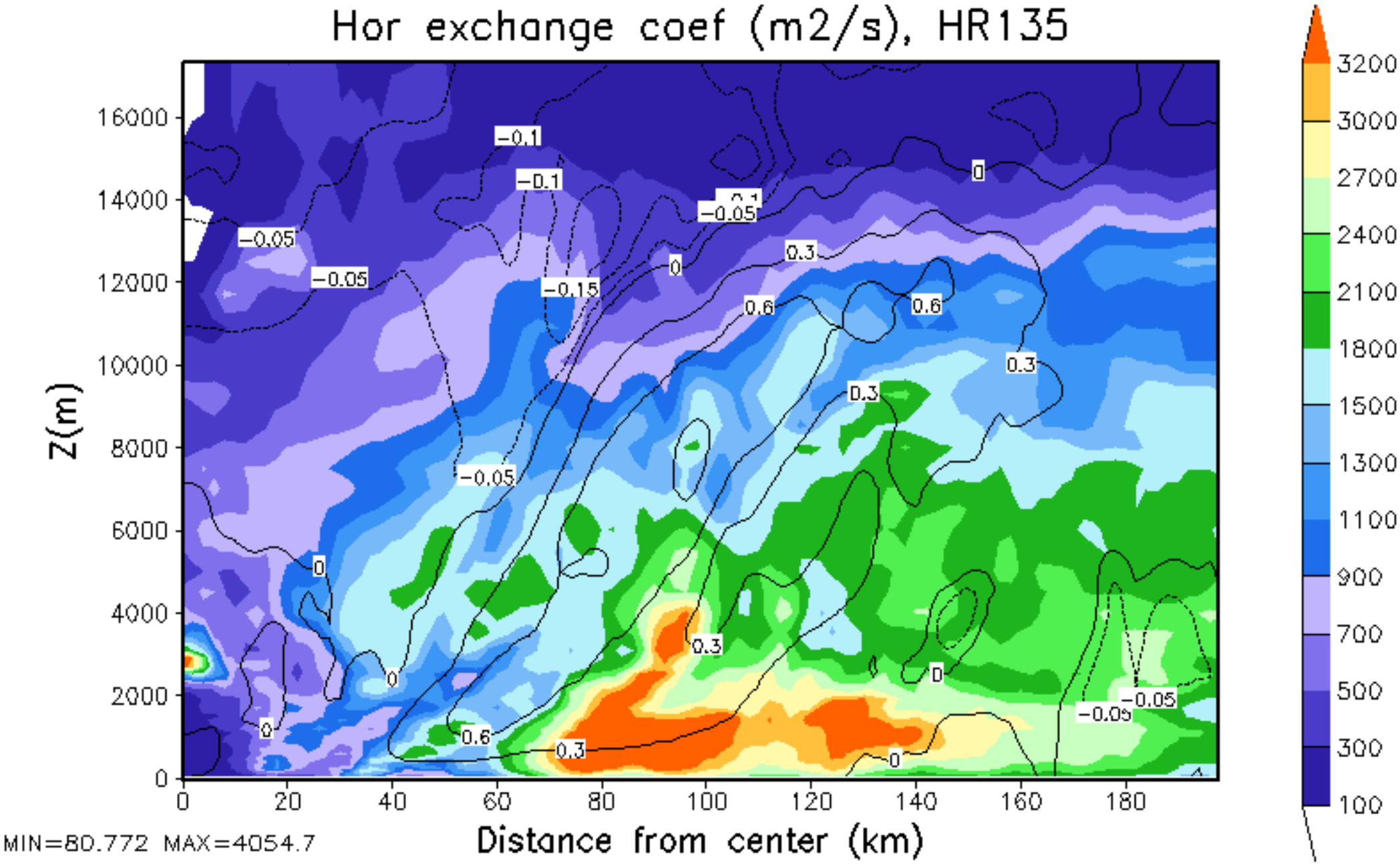
300
100
0
-0.1
-0.05
0.3
0.6


Hor exchange coef (m2/s), HR135
Z(m)
Distance from center (km)
MIN=80.772 MAX=4054.7
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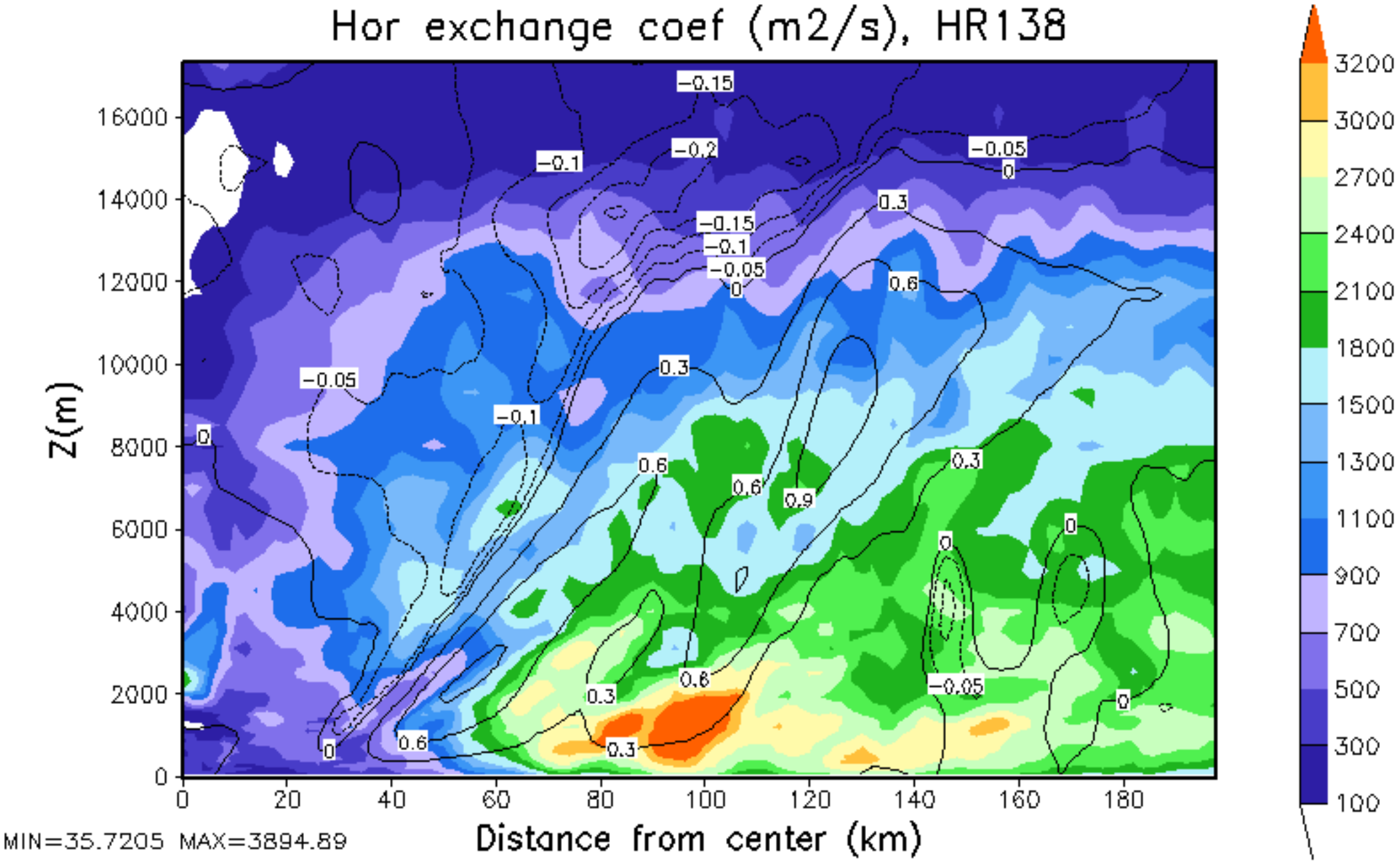
2000
4000
6000
8000
10000
12000
14000
16000
0
20
40
60
80
100
120
140
160
180
3200
3000
2700
2400
2100
1800
1500
1300
1100
900
700
500
300
100
-0.1
-0.05
-0.15
0
0.3
0.6


Hor exchange coef (m2/s), HR138
Z(m)
Distance from center (km)
MIN=35.7205 MAX=3894.89
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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
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900
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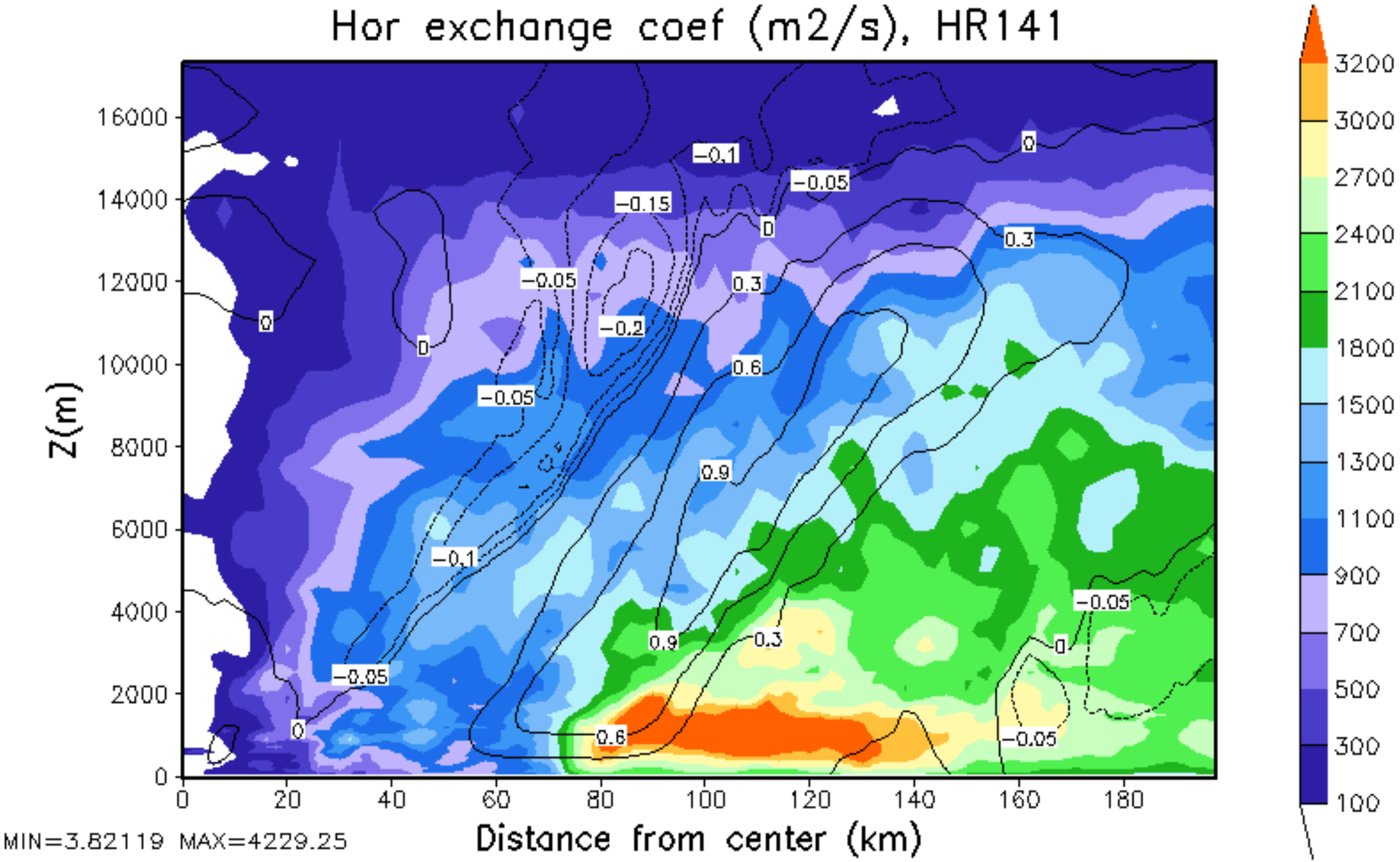
300
100
−0.15
−0.2
−0.1
−0.05
0
0.3
0.6
0.9


Hor exchange coef (m2/s), HR141
Z(m)
Distance from center (km)
MIN=3.82119 MAX=4229.25
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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
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700
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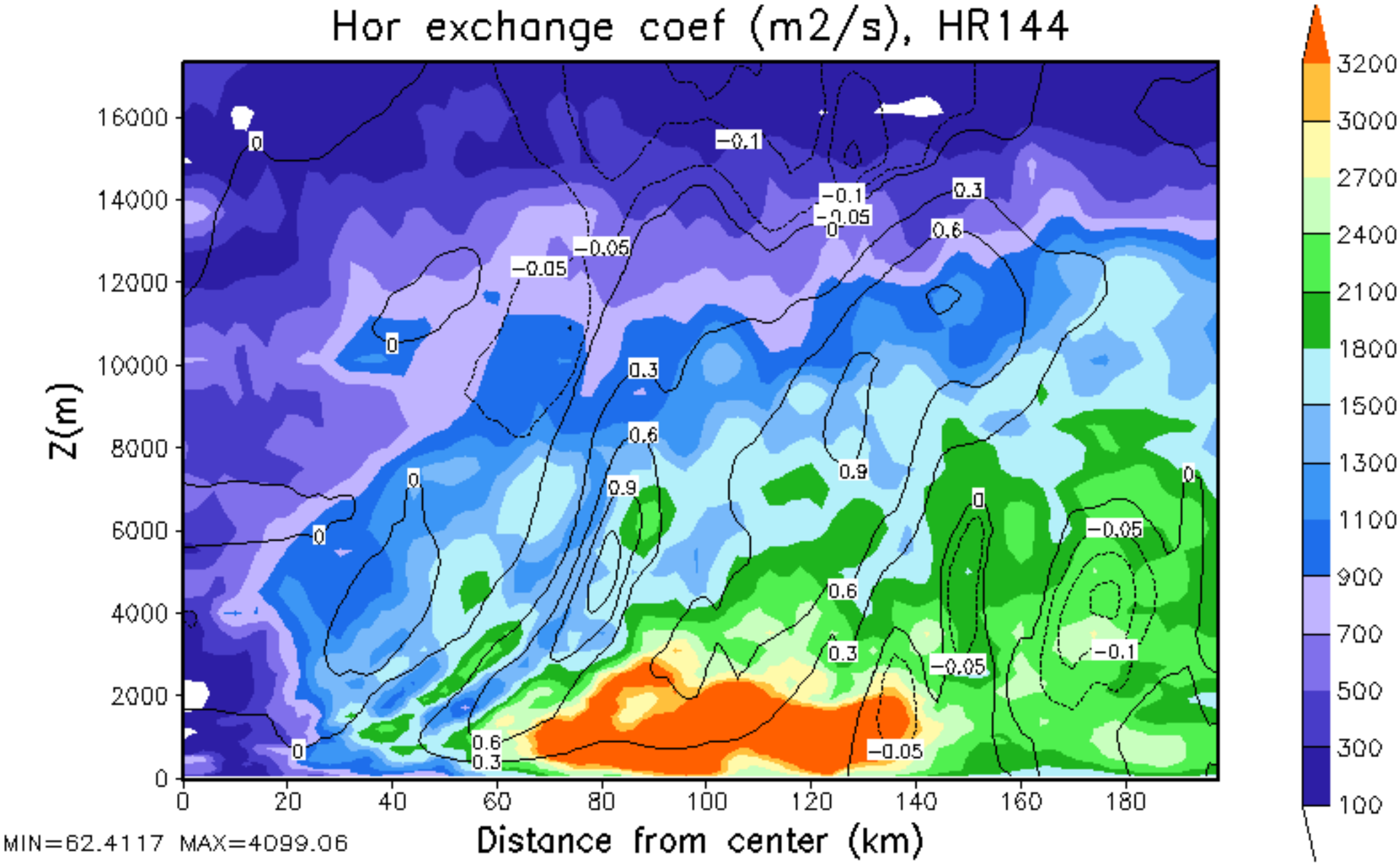
100
-0.1
-0.05
-0.15
0
0.3
-0.2
0.6
0.9


Hor exchange coef (m2/s), HR144
Z(m)
Distance from center (km)
MIN=62.4117 MAX=4099.06
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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