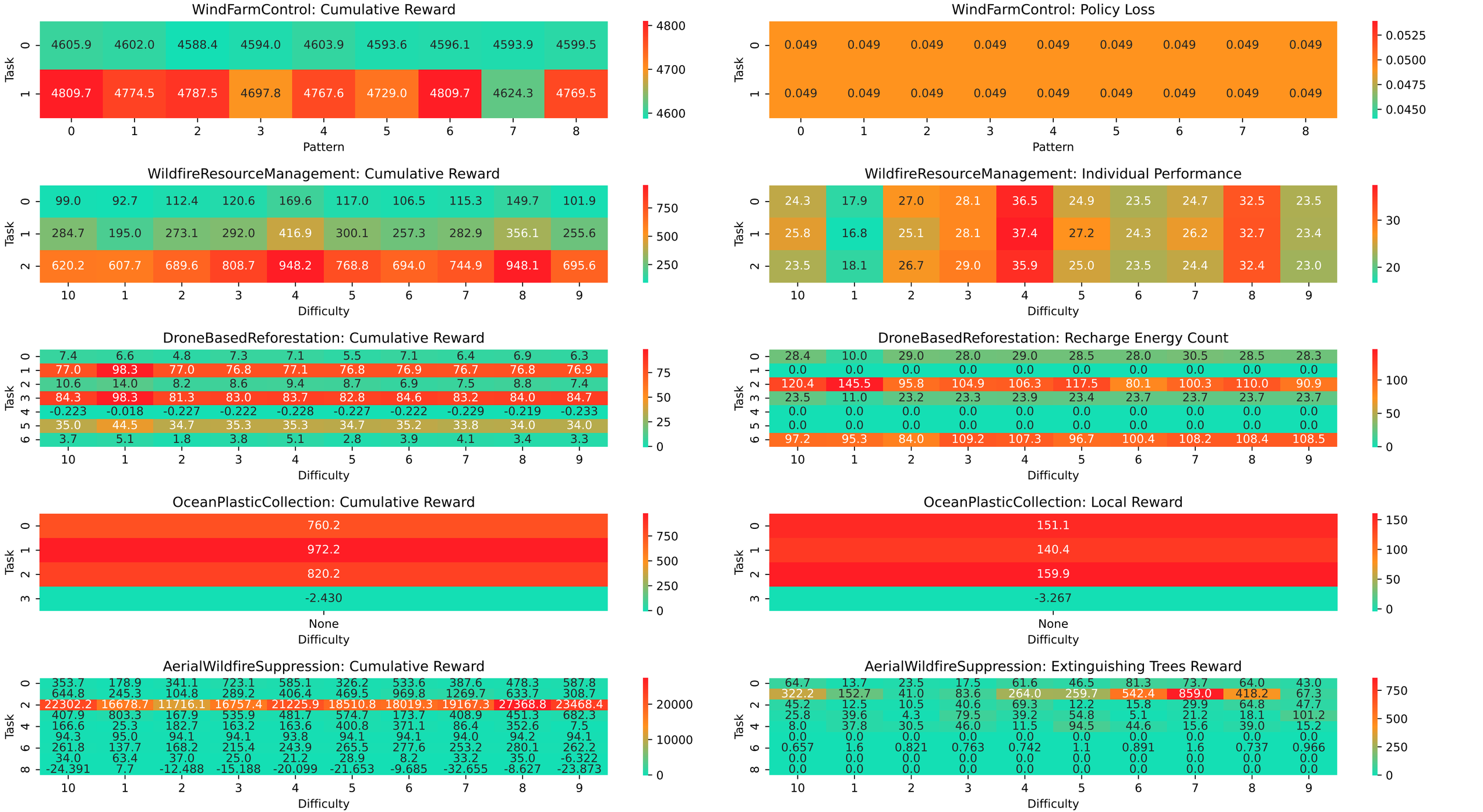
WindFarmControl: Cumulative Reward
Task
0
1
4605.9 4602.0 4588.4 4594.0 4603.9 4593.6 4596.1 4593.9 4599.5
4809.7 4774.5 4787.5 4697.8 4767.6 4729.0 4809.7 4624.3 4769.5
0 1 2 3 4 5 6 7 8
Pattern
4800
4700
4600
WindFarmControl: Policy Loss
Task
0
1
0.049 0.049 0.049 0.049 0.049 0.049 0.049 0.049 0.049
0.049 0.049 0.049 0.049 0.049 0.049 0.049 0.049 0.049
0 1 2 3 4 5 6 7 8
Pattern
0.0525
0.0500
0.0475
0.0450
WildfireResourceManagement: Cumulative Reward
Task
0
1
2
99.0 92.7 112.4 120.6 169.6 117.0 106.5 115.3 149.7 101.9
284.7 195.0 273.1 292.0 416.9 300.1 257.3 282.9 356.1 255.6
620.2 607.7 689.6 808.7 948.2 768.8 694.0 744.9 948.1 695.6
10 1 2 3 4 5 6 7 8 9
Difficulty
750
500
250
WildfireResourceManagement: Individual Performance
Task
0
1
2
24.3 17.9 27.0 28.1 36.5 24.9 23.5 24.7 32.5 23.5
25.8 16.8 25.1 28.1 37.4 27.2 24.3 26.2 32.7 23.4
23.5 18.1 26.7 29.0 35.9 25.0 23.5 24.4 32.4 23.0
10 1 2 3 4 5 6 7 8 9
Difficulty
30
20
DroneBasedReforestation: Cumulative Reward
Task
0
1
2
3
4
5
6
7.4 6.6 4.8 7.3 7.1 5.5 7.1 6.4 6.9 6.3
77.0 98.3 77.0 76.8 77.1 76.8 76.9 76.7 76.8 76.9
10.6 14.0 8.2 8.6 9.4 8.7 6.9 7.5 8.8 7.4
84.3 98.3 81.3 83.0 83.7 82.8 84.6 83.2 84.0 84.7
-0.223 -0.018 -0.227 -0.222 -0.228 -0.227 -0.222 -0.229 -0.219 -0.233
35.0 44.5 34.7 35.3 35.3 34.7 35.2 33.8 34.0 34.0
3.7 5.1 1.8 3.8 5.1 2.8 3.9 4.1 3.4 3.3
10 1 2 3 4 5 6 7 8 9
Difficulty
75
50
25
0
DroneBasedReforestation: Recharge Energy Count
Task
0
1
2
3
4
5
6
28.4 10.0 29.0 28.0 29.0 28.5 28.0 30.5 28.5 28.3
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
120.4 145.5 95.8 104.9 106.3 117.5 80.1 100.3 110.0 90.9
23.5 11.0 23.2 23.3 23.9 23.4 23.7 23.7 23.7 23.7
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
97.2 95.3 84.0 109.2 107.3 96.7 100.4 108.2 108.4 108.5
10 1 2 3 4 5 6 7 8 9
Difficulty
100
50
0
OceanPlasticCollection: Cumulative Reward
Task
0
1
2
3
760.2
972.2
820.2
-2.430
None
Difficulty
750
500
250
0
OceanPlasticCollection: Local Reward
Task
0
1
2
3
151.1
140.4
159.9
-3.267
None
Difficulty
150
100
50
0
AerialWildfireSuppression: Cumulative Reward
Task
0
2
4
6
8
353.7 178.9 341.1 723.1 585.1 326.2 533.6 387.6 478.3 587.8
644.8 245.3 104.8 289.2 406.4 469.5 969.8 1269.7 633.7 308.7
22302.2 16678.7 11716.1 16757.4 21225.9 18510.8 18019.3 19167.3 27368.8 23468.4
407.9 803.3 167.9 535.9 481.7 574.7 173.7 408.9 451.3 682.3
166.6 25.3 182.7 163.2 163.6 400.8 371.1 86.4 352.6 7.5
94.3 95.0 94.1 94.1 93.8 94.1 94.1 94.0 94.2 94.1
261.8 137.7 168.2 215.4 243.9 265.5 277.6 253.2 280.1 262.2
34.0 63.4 37.0 25.0 21.2 28.9 8.2 33.2 35.0 -6.322
-24.391 7.7 -12.488 -15.188 -20.099 -21.653 -9.685 -32.655 -8.627 -23.873
10 1 2 3 4 5 6 7 8 9
Difficulty
20000
10000
0
AerialWildfireSuppression: Extinguishing Trees Reward
Task
0
2
4
6
8
64.7 13.7 23.5 17.5 61.6 46.5 81.3 73.7 64.0 43.0
322.2 152.7 41.0 83.6 264.0 259.7 542.4 859.0 418.2 67.3
45.2 12.5 10.5 40.6 69.3 12.2 15.8 29.9 64.8 47.7
25.8 39.6 4.3 79.5 39.2 54.8 5.1 21.2 18.1 101.2
8.0 37.8 30.5 46.0 11.5 94.5 44.6 15.6 39.0 15.2
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.657 1.6 0.821 0.763 0.742 1.1 0.891 1.6 0.737 0.966
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
10 1 2 3 4 5 6 7 8 9
Difficulty
750
500
250
0