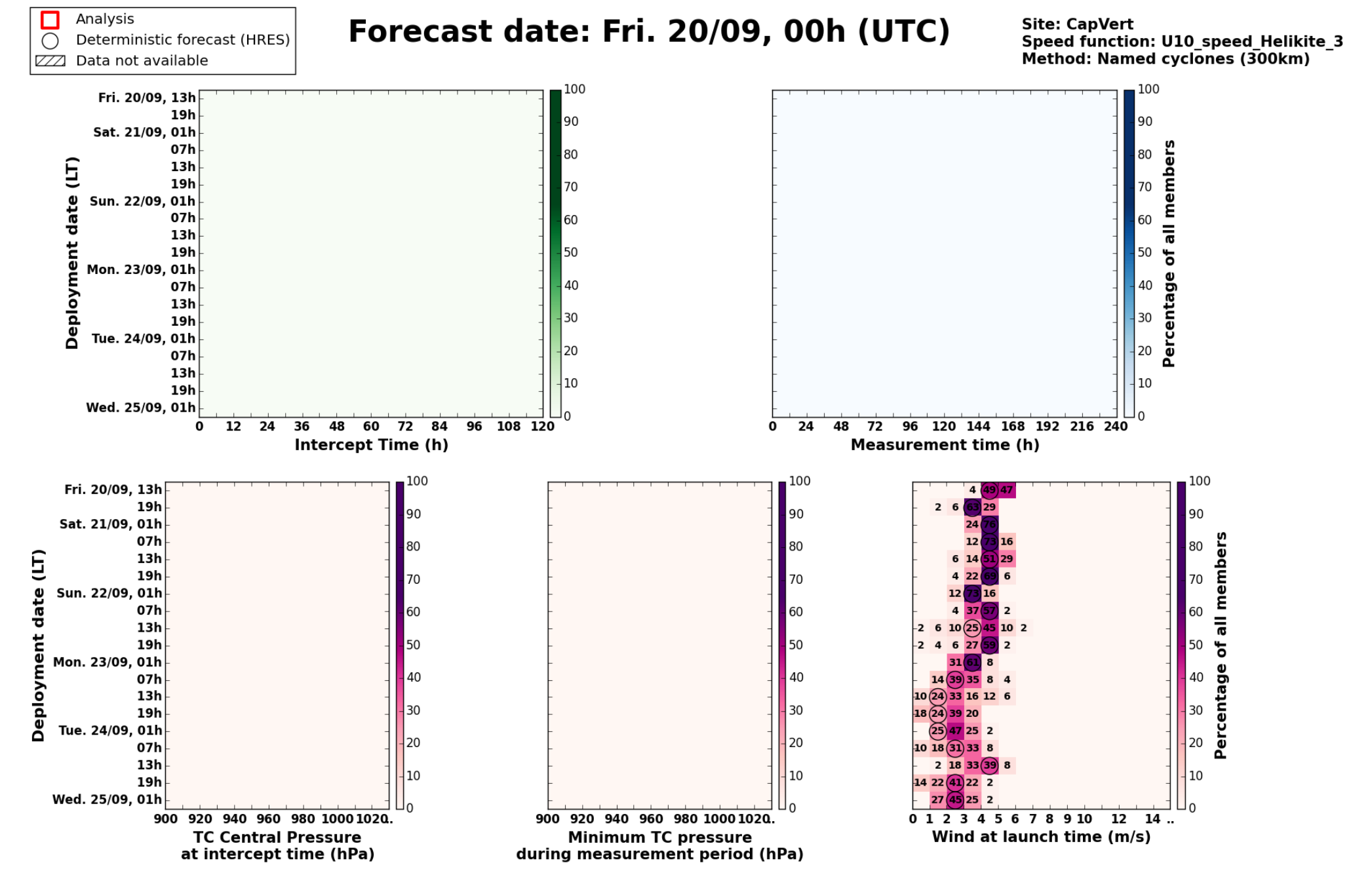
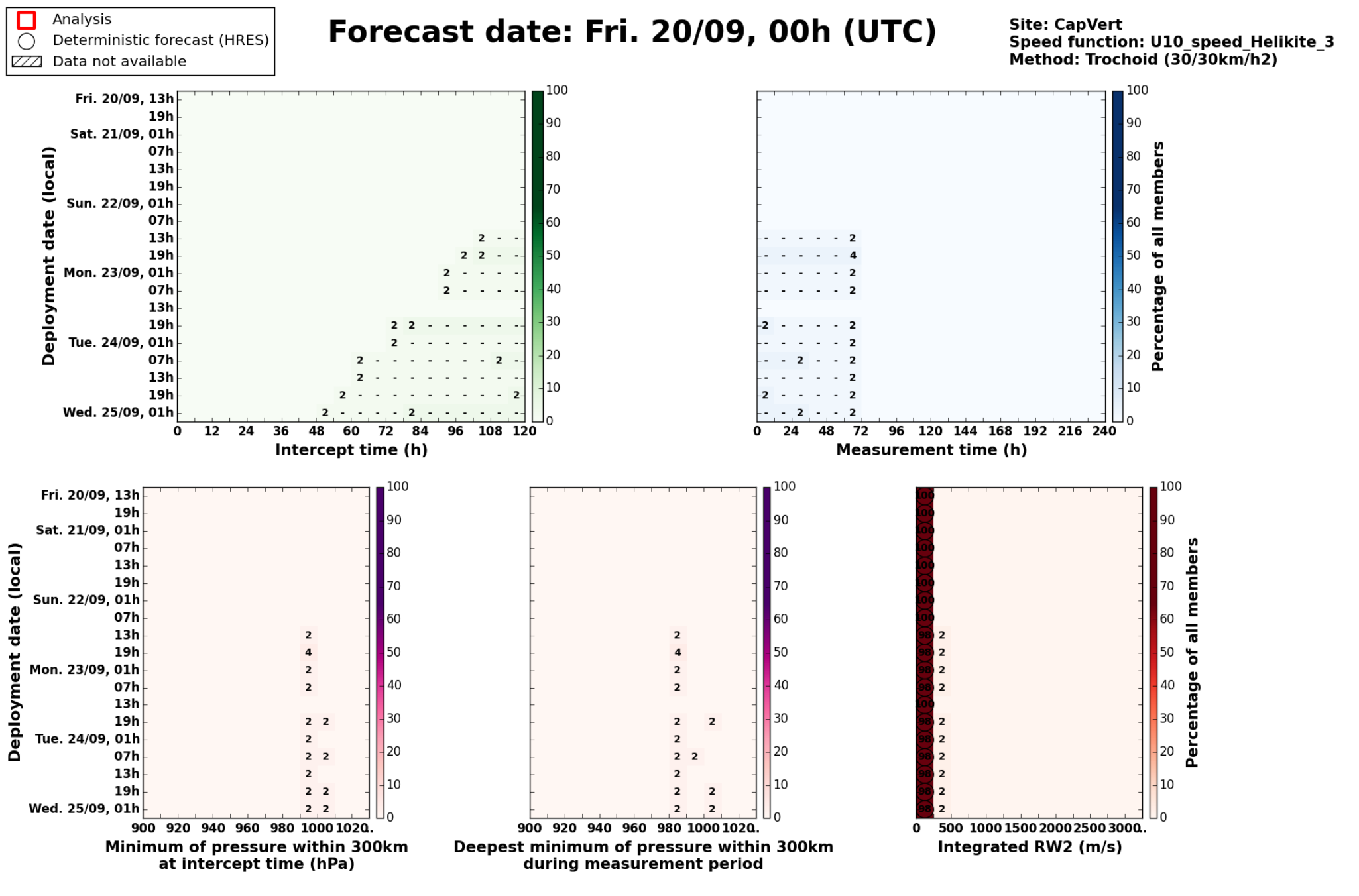
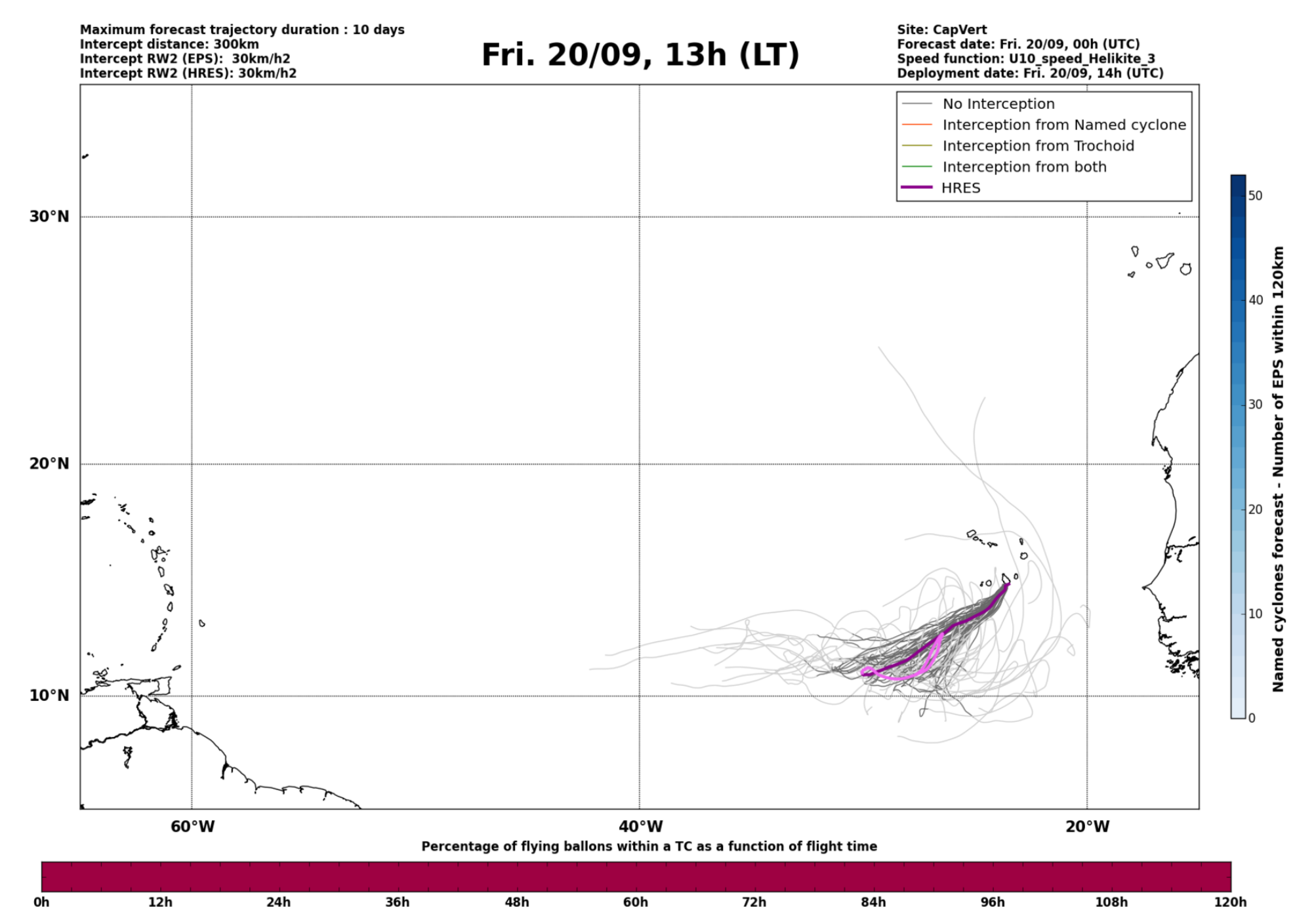
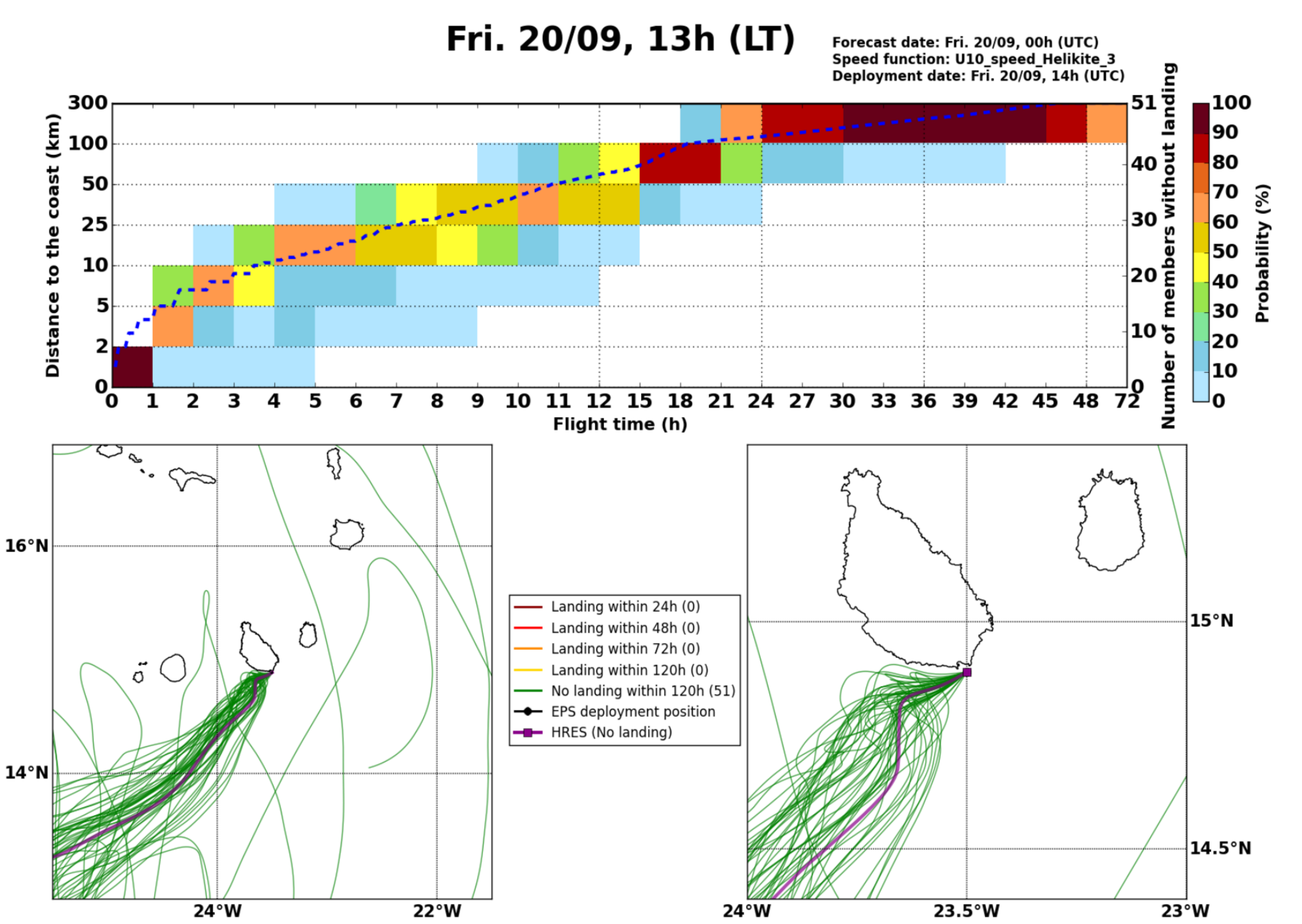
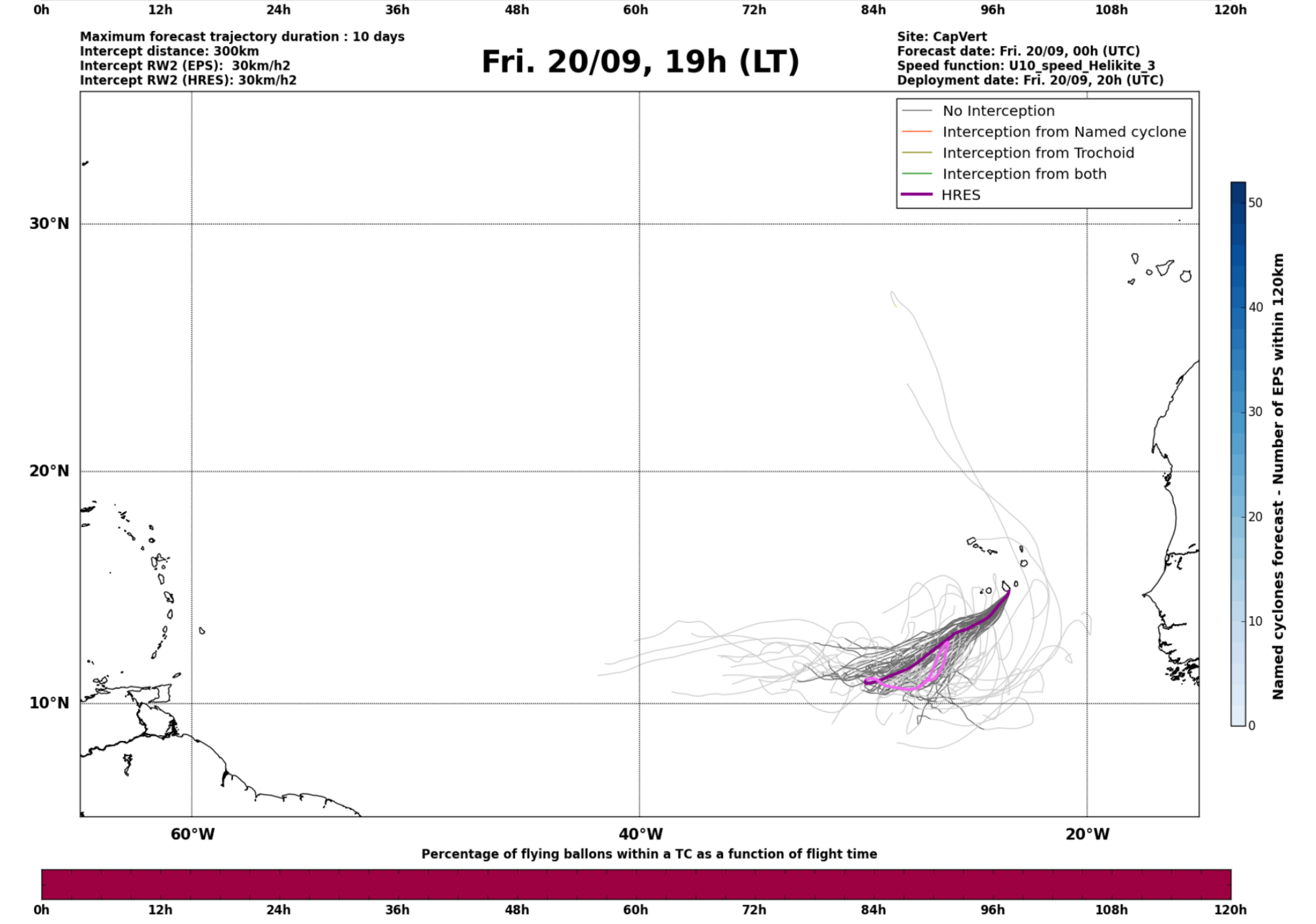
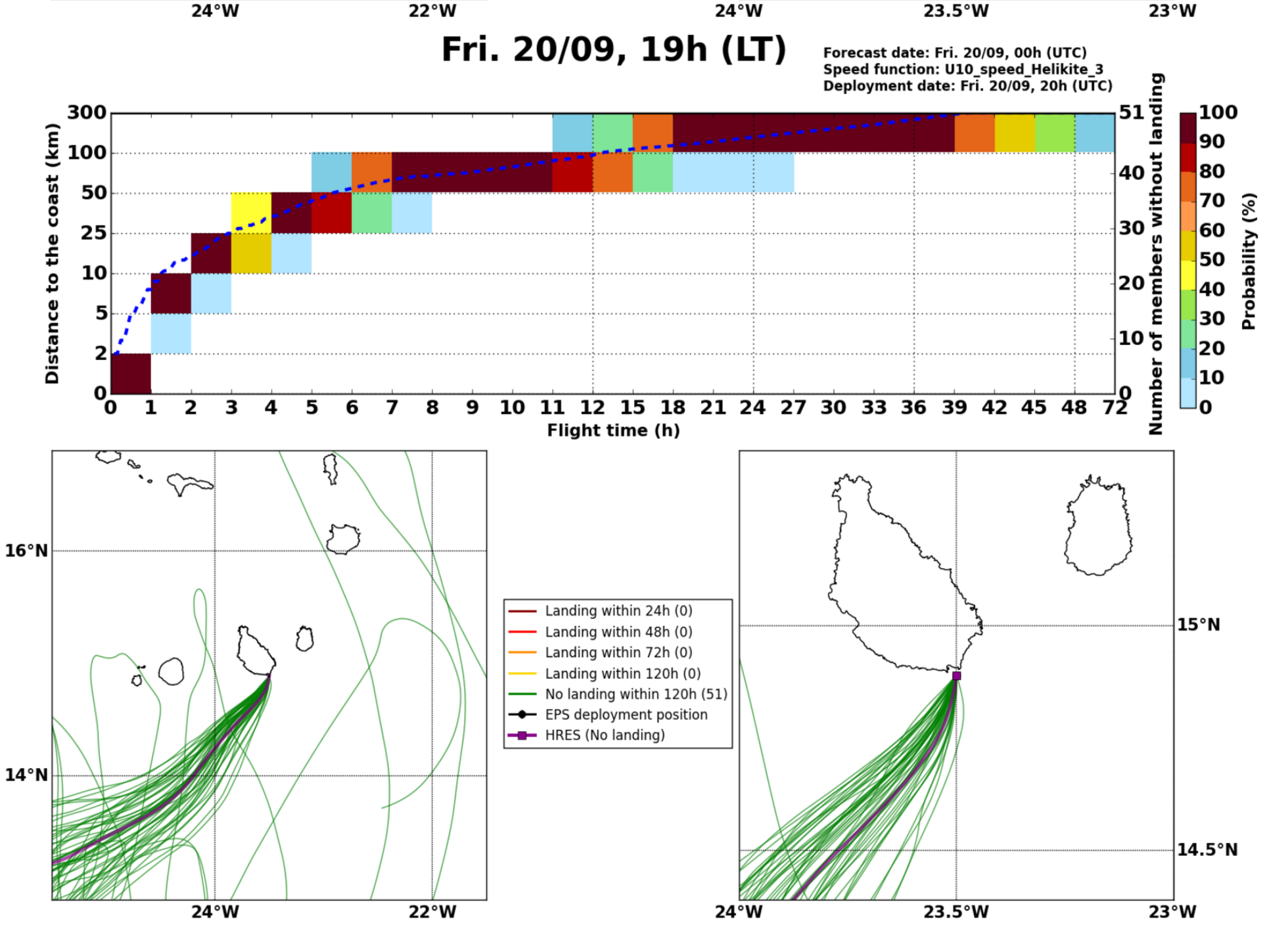

Analysis
Deterministic forecast (HRES)
Data not available
Forecast date: Fri. 20/09, 00h (UTC)
Site: CapVert
Speed function: U10_speed_Helikite_3
Method: Named cyclones (300km)
Deployment date (LT)
Fri. 20/09, 13h
19h
Sat. 21/09, 01h
07h
13h
19h
Sun. 22/09, 01h
07h
13h
19h
Mon. 23/09, 01h
07h
13h
19h
Tue. 24/09, 01h
07h
13h
19h
Wed. 25/09, 01h
Intercept Time (h)
0 12 24 36 48 60 72 84 96 108 120
Measurement time (h)
0 24 48 72 96 120 144 168 192 216 240
Percentage of all members
100 90 80 70 60 50 40 30 20 10 0
TC Central Pressure at intercept time (hPa)
900 920 940 960 980 1000 1020
Minimum TC pressure during measurement period (hPa)
900 920 940 960 980 1000 1020
Wind at launch time (m/s)
0 1 2 3 4 5 6 7 8 9 10 12 14
4 49 47
2 6 63 29
24 76
12 73 16
6 14 51 29
4 22 69 6
12 73 16
4 37 57 2
2 6 10 25 45 10 2
2 4 6 27 59 2
31 61 8
14 39 35 8 4
10 24 33 16 12 6
18 24 39 20
25 47 25 2
10 18 31 33 8
2 18 33 39 8
14 22 41 22 2
27 45 25 2

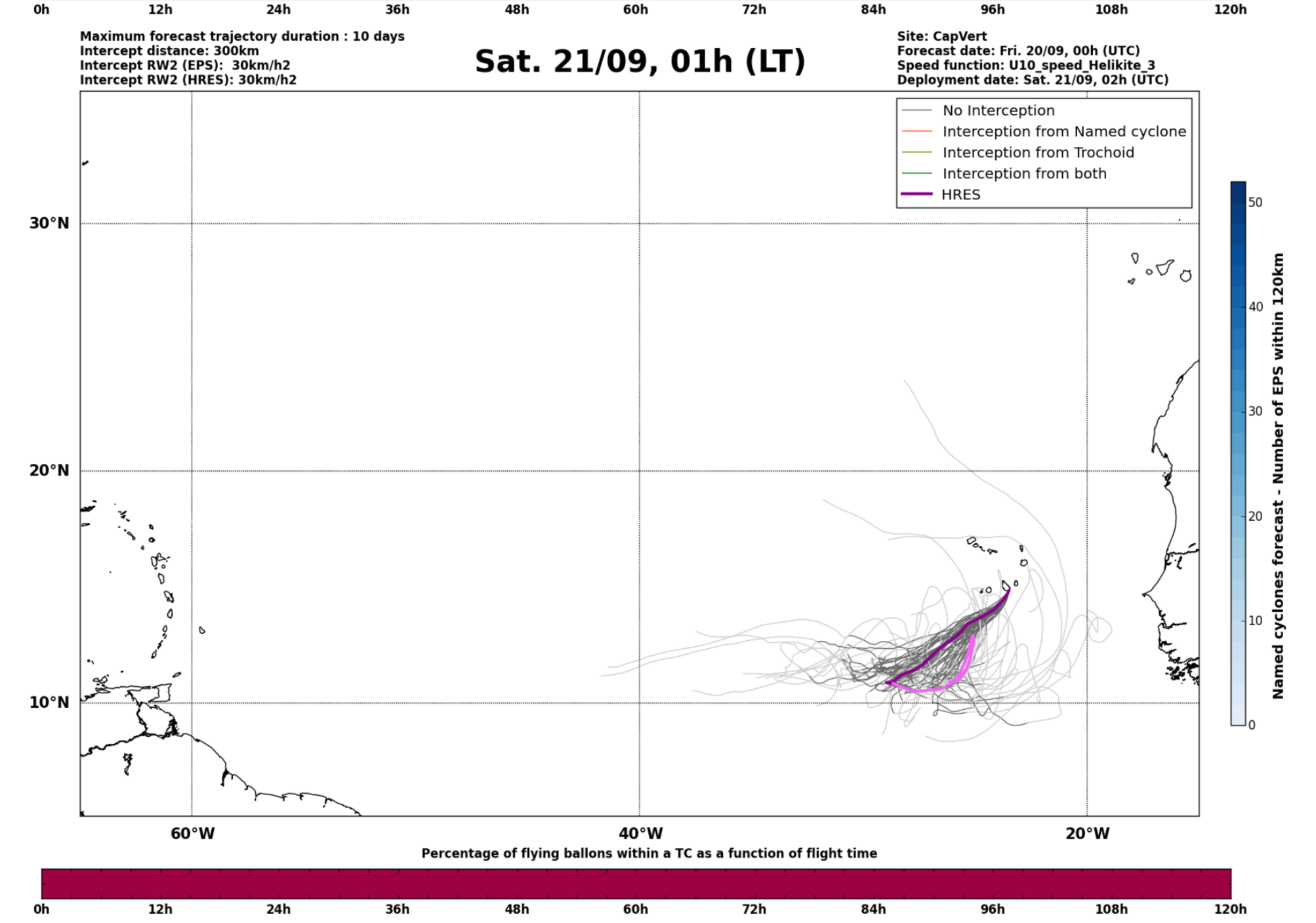

Analysis
Deterministic forecast (HRES)
Data not available
Forecast date: Fri. 20/09, 00h (UTC)
Site: CapVert
Speed function: U10_speed_Helikite_3
Method: Trochoid (30/30km/h2)
Deployment date (local)
Fri. 20/09, 13h
19h
Sat. 21/09, 01h
07h
13h
19h
Sun. 22/09, 01h
07h
13h
19h
Mon. 23/09, 01h
07h
13h
19h
Tue. 24/09, 01h
07h
13h
19h
Wed. 25/09, 01h
Intercept time (h)
0 12 24 36 48 60 72 84 96 108 120
Measurement time (h)
0 24 48 72 96 120 144 168 192 216 240
Percentage of all members
100 90 80 70 60 50 40 30 20 10 0
Minimum of pressure within 300km at intercept time (hPa)
900 920 940 960 980 1000 1020
Deepest minimum of pressure within 300km during measurement period
900 920 940 960 980 1000 1020
Integrated RW2 (m/s)
0 500 1000 1500 2000 2500 3000

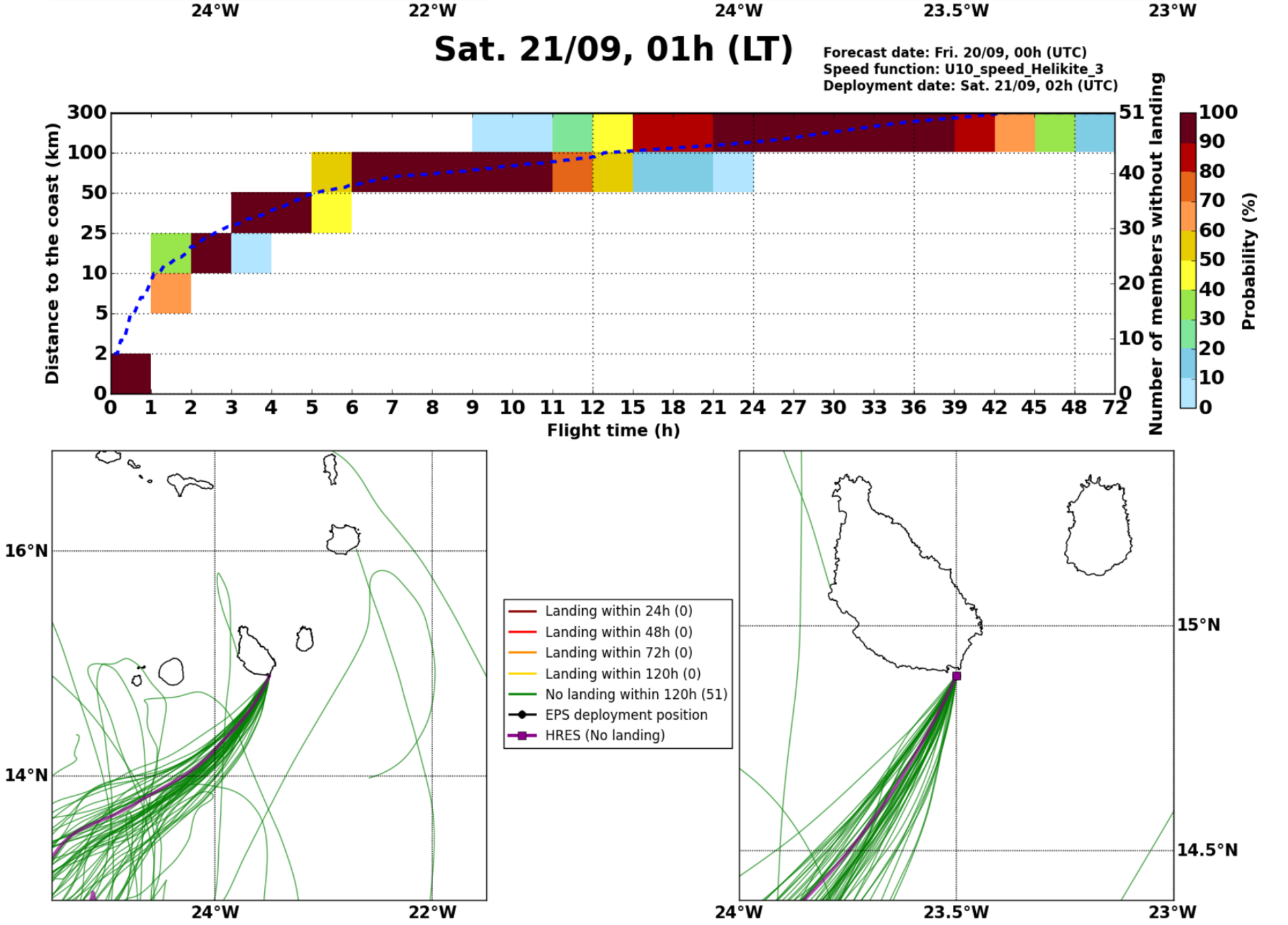

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Fri. 20/09, 13h (LT)
Site: CapVert
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Fri. 20/09, 14h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
30°N
20°N
10°N
60°W
40°W
20°W
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

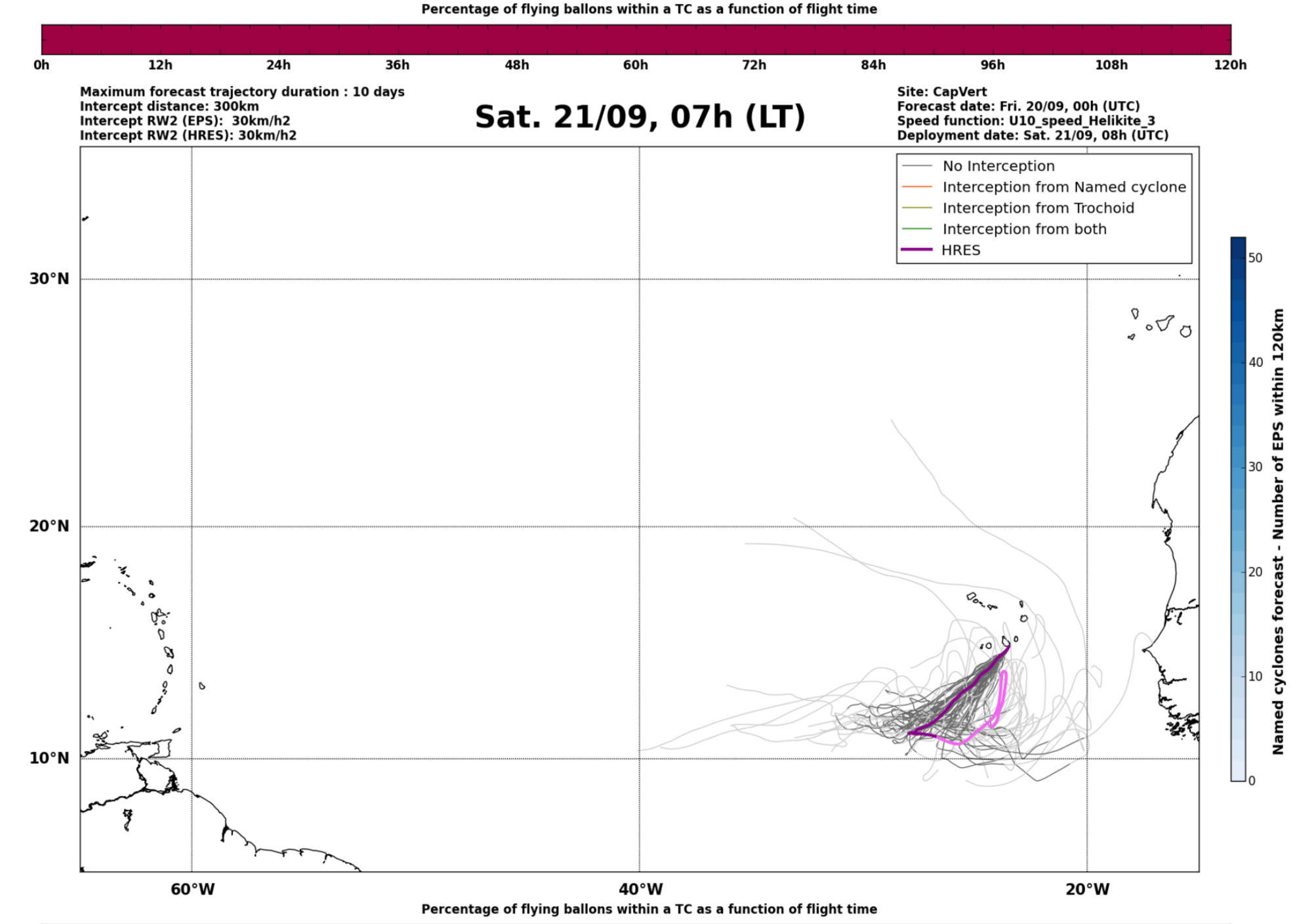

Fri. 20/09, 13h (LT)
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Fri. 20/09, 14h (UTC)
Distance to the coast (km)
300 100 50 25 10 5 2 0
Flight time (h)
0 1 2 3 4 5 6 7 8 9 10 11 12 15 18 21 24 27 30 33 36 39 42 45 48 72
Number of members without landing
51 40 30 20 10 0
Probability (%)
100 90 80 70 60 50 40 30 20 10 0
16°N
14°N
24°W
22°W
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)
15°N
14.5°N
24°W
23.5°W
23°W

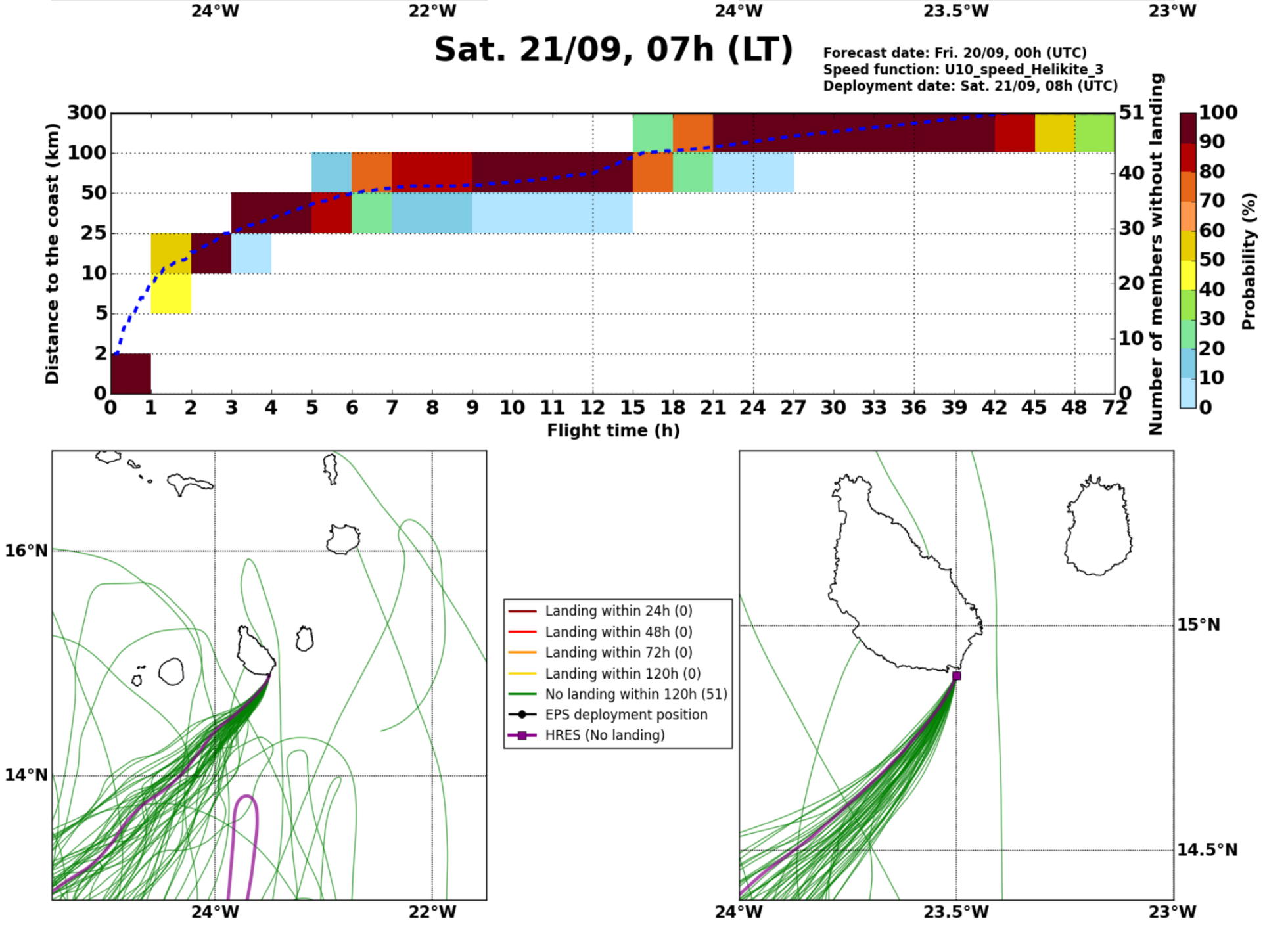

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Fri. 20/09, 19h (LT)
Site: CapVert
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Fri. 20/09, 20h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
30°N
20°N
10°N
60°W
40°W
20°W
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

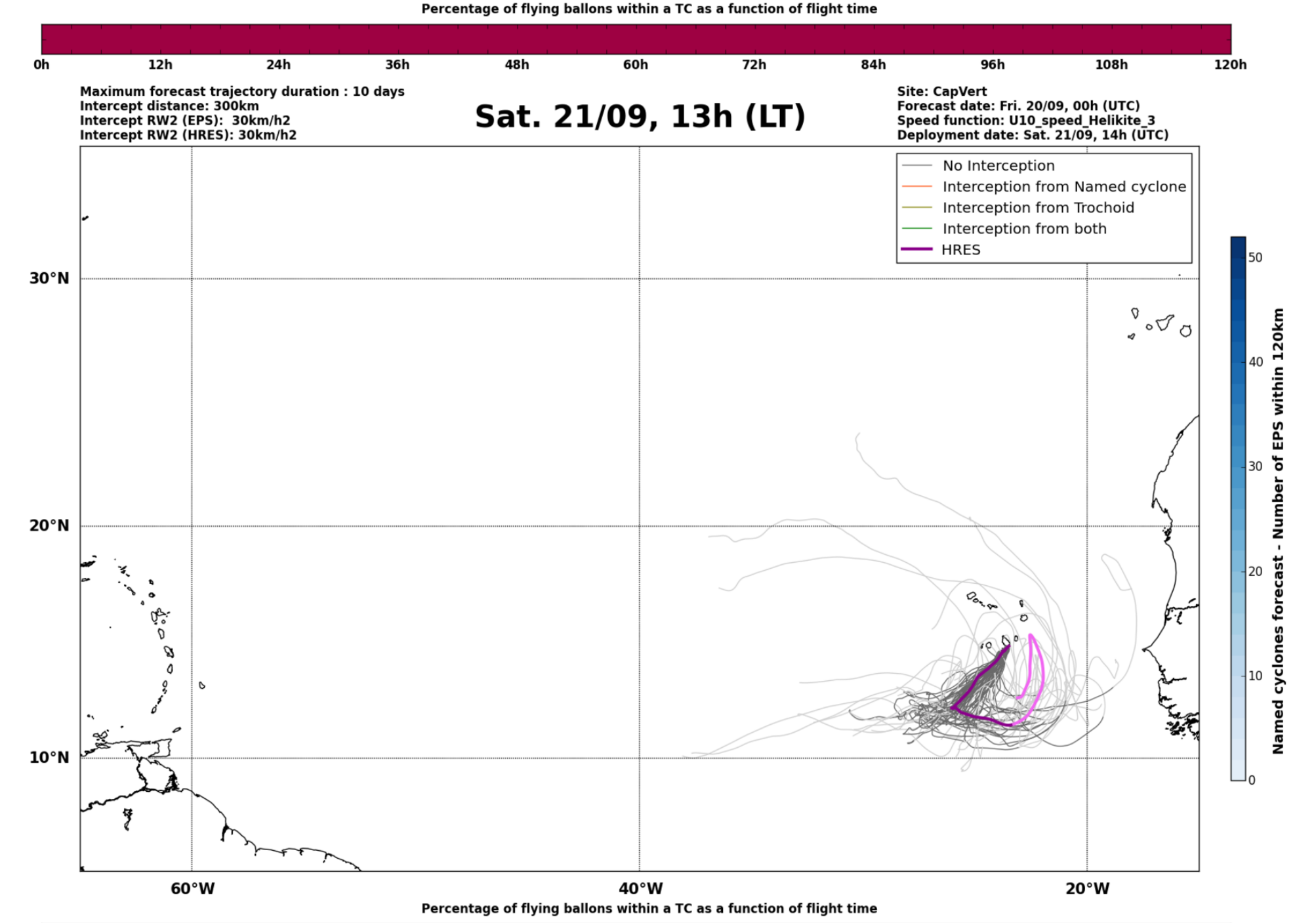

Fri. 20/09, 19h (LT)
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Fri. 20/09, 20h (UTC)
Distance to the coast (km)
300 100 50 25 10 5 2 0
Flight time (h)
0 1 2 3 4 5 6 7 8 9 10 11 12 15 18 21 24 27 30 33 36 39 42 45 48 72
Number of members without landing
51 40 30 20 10 0
Probability (%)
100 90 80 70 60 50 40 30 20 10 0
16°N
14°N
24°W
22°W
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)
15°N
14.5°N
24°W
23.5°W
23°W

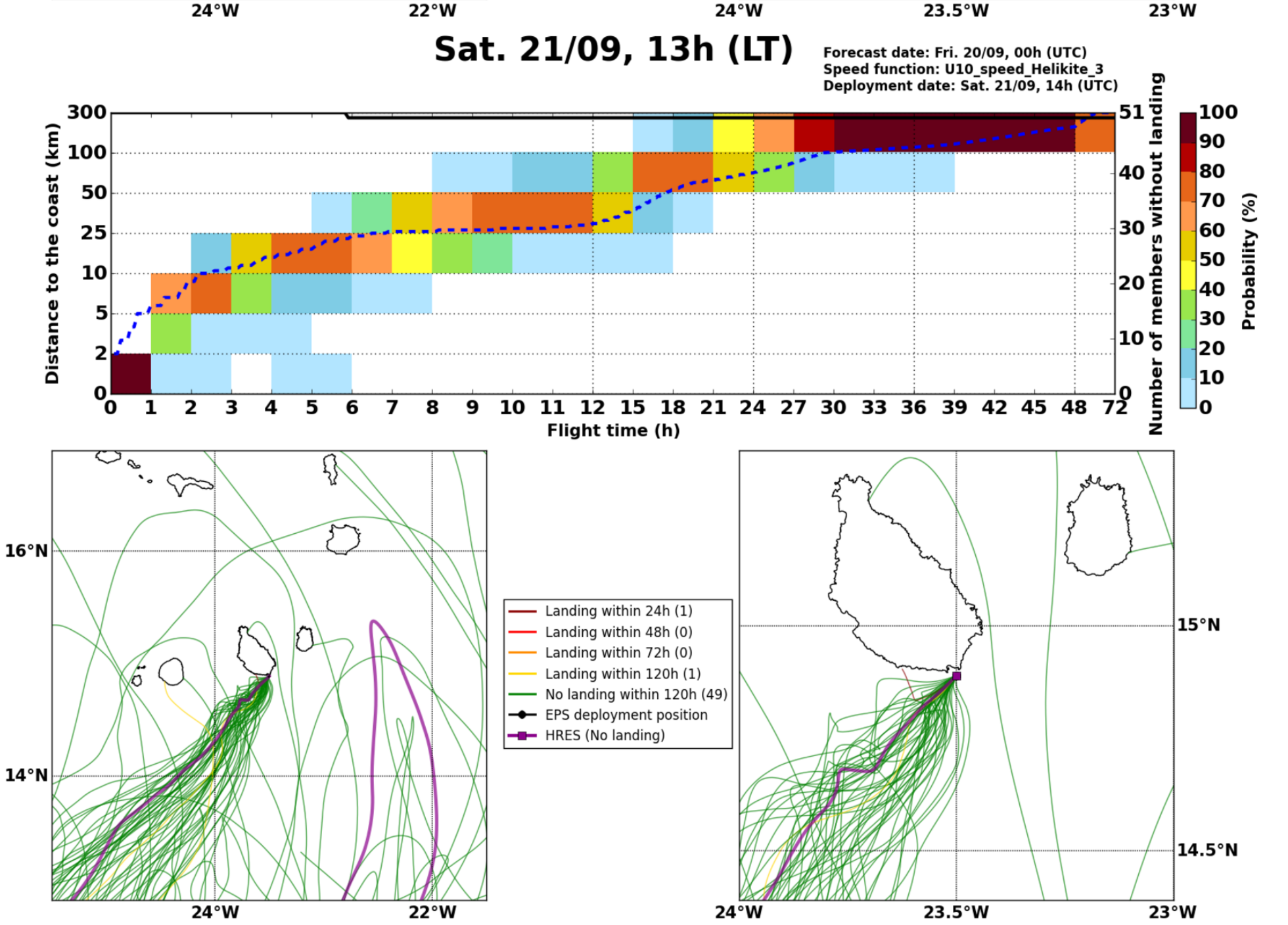

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Sat. 21/09, 01h (LT)
Site: CapVert
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sat. 21/09, 02h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
30°N
20°N
10°N
60°W
40°W
20°W
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

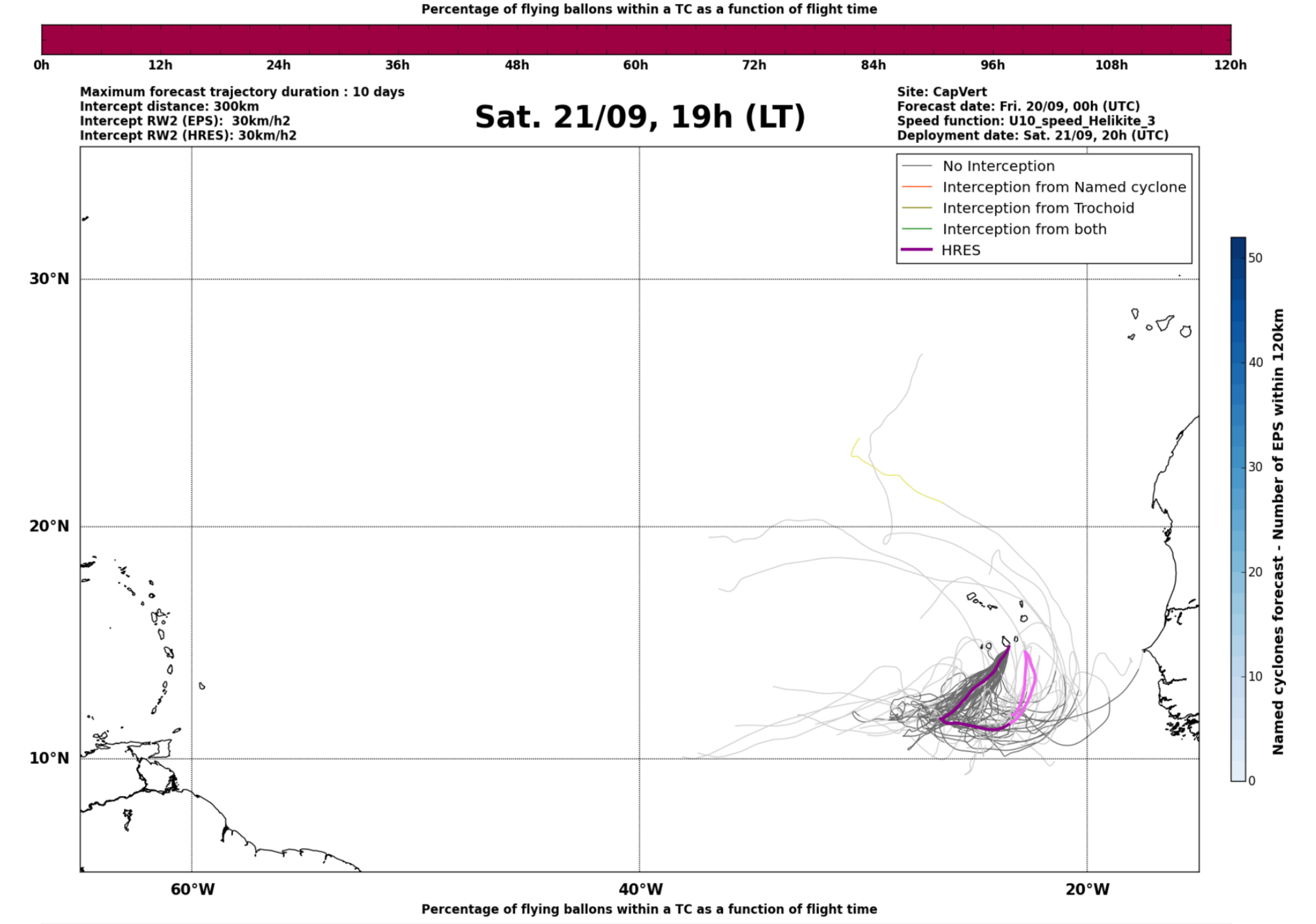

Sat. 21/09, 01h (LT)
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sat. 21/09, 02h (UTC)
Distance to the coast (km)
300 100 50 25 10 5 2 0
Flight time (h)
0 1 2 3 4 5 6 7 8 9 10 11 12 15 18 21 24 27 30 33 36 39 42 45 48 72
Number of members without landing
51 40 30 20 10 0
Probability (%)
100 90 80 70 60 50 40 30 20 10 0
16°N
14°N
24°W
22°W
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)
15°N
14.5°N
24°W
23.5°W
23°W

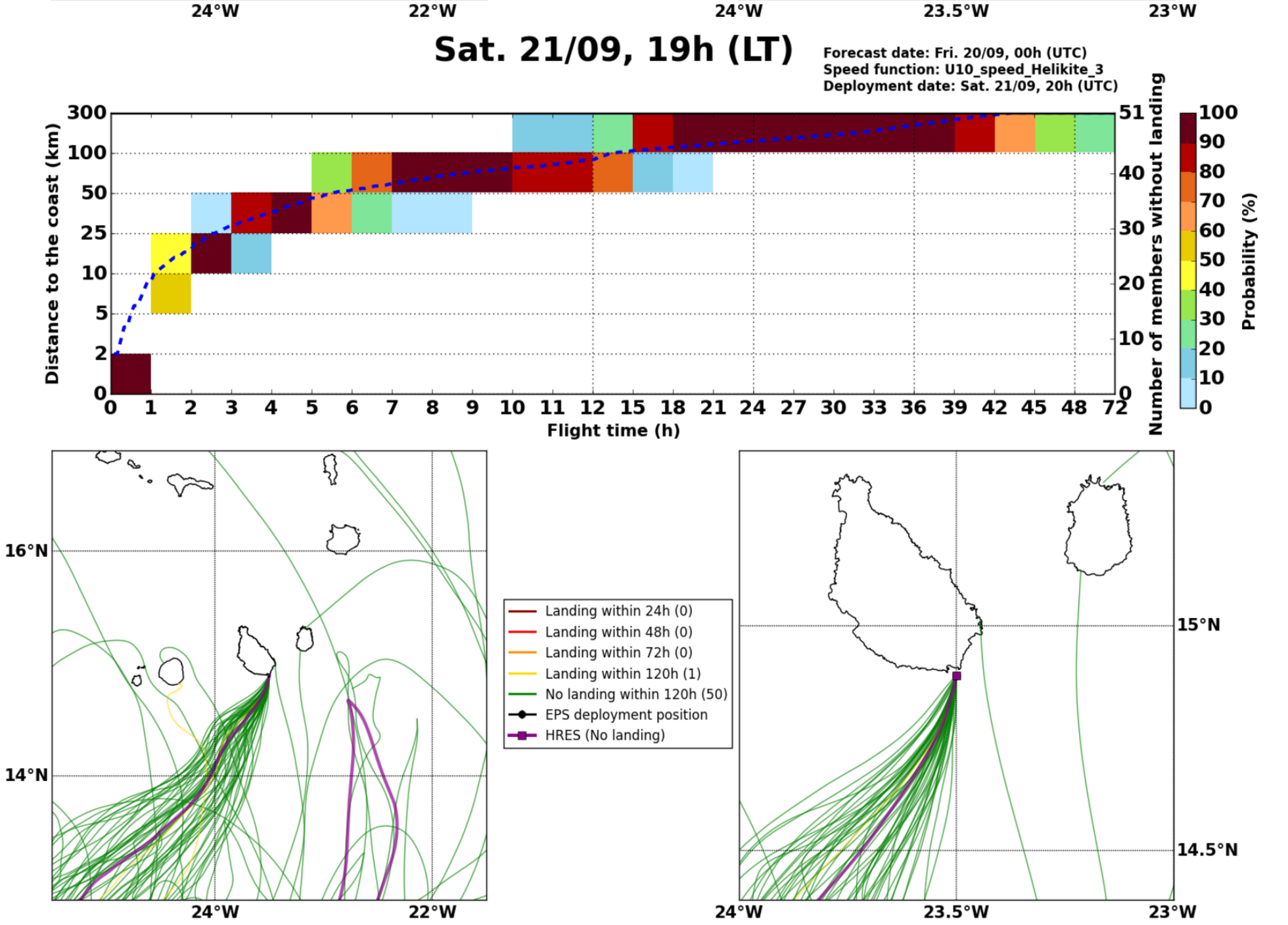

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Sat. 21/09, 07h (LT)
Site: CapVert
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sat. 21/09, 08h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
30°N
20°N
10°N
60°W
40°W
20°W
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

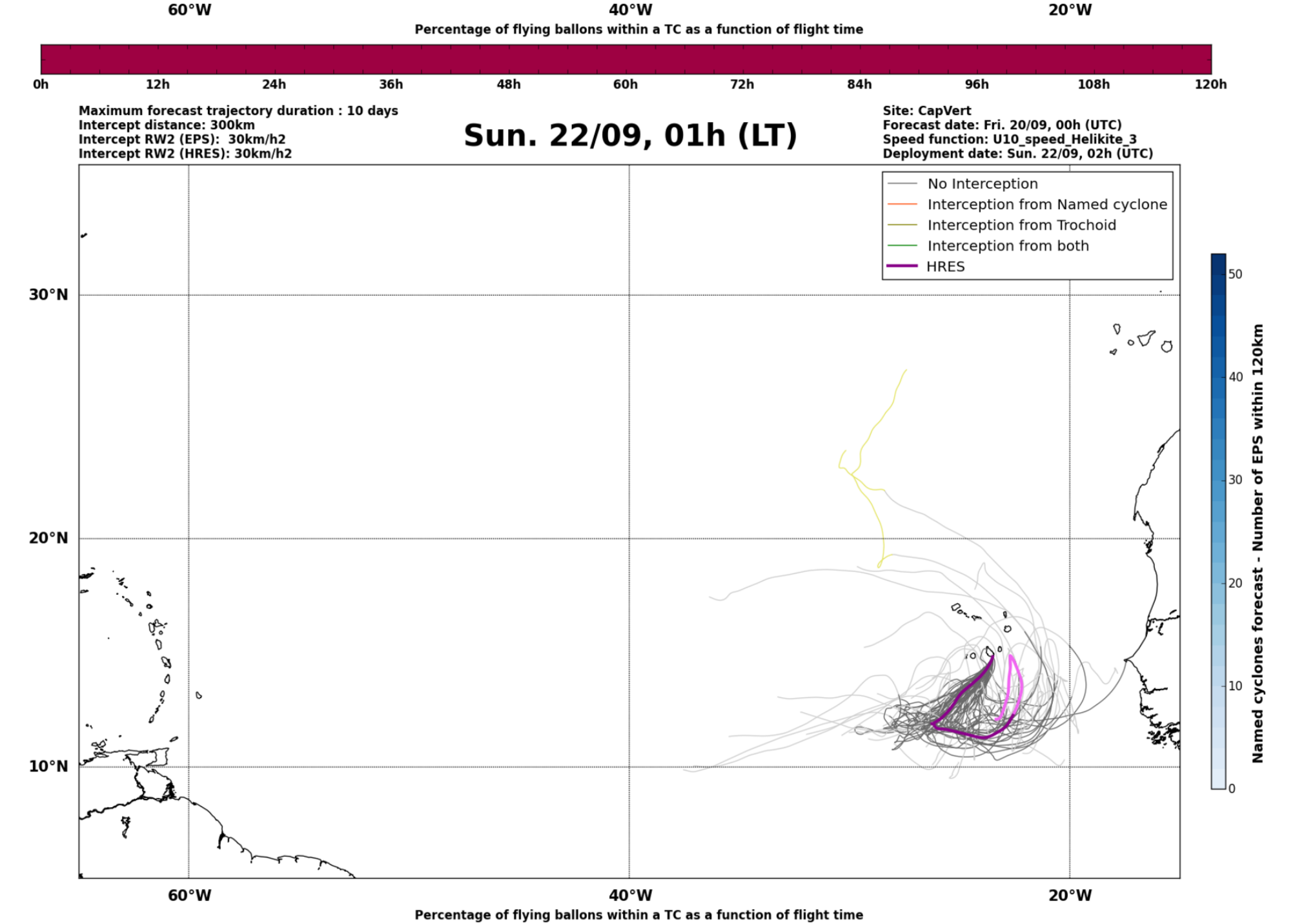

Sat. 21/09, 07h (LT)
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sat. 21/09, 08h (UTC)
Distance to the coast (km)
300 100 50 25 10 5 2 0
Flight time (h)
0 1 2 3 4 5 6 7 8 9 10 11 12 15 18 21 24 27 30 33 36 39 42 45 48 72
Number of members without landing
51 40 30 20 10 0
Probability (%)
100 90 80 70 60 50 40 30 20 10 0
16°N
14°N
24°W
22°W
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)
15°N
14.5°N
24°W
23.5°W
23°W

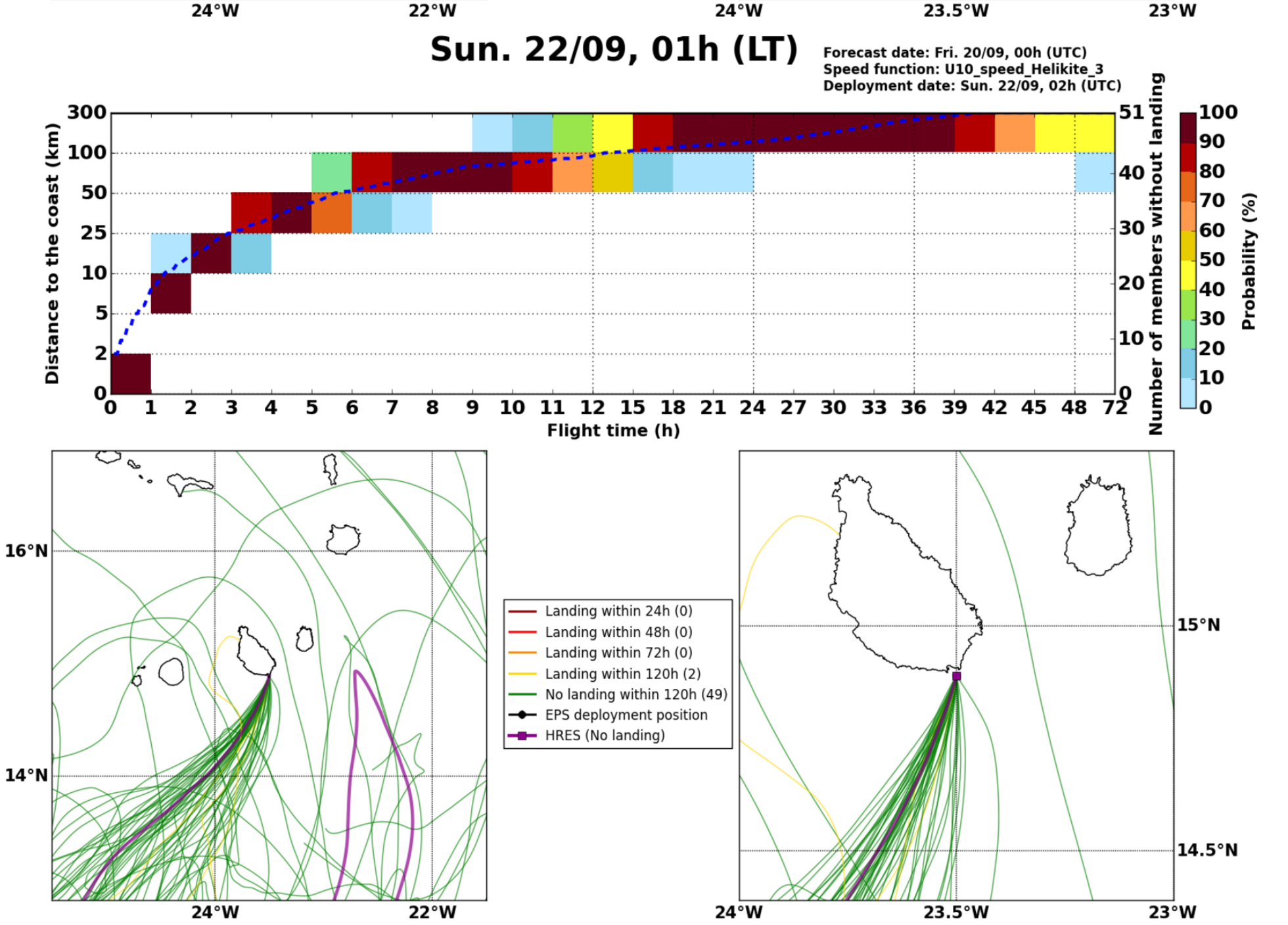

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Sat. 21/09, 13h (LT)
Site: CapVert
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sat. 21/09, 14h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
30°N
20°N
10°N
60°W
40°W
20°W
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

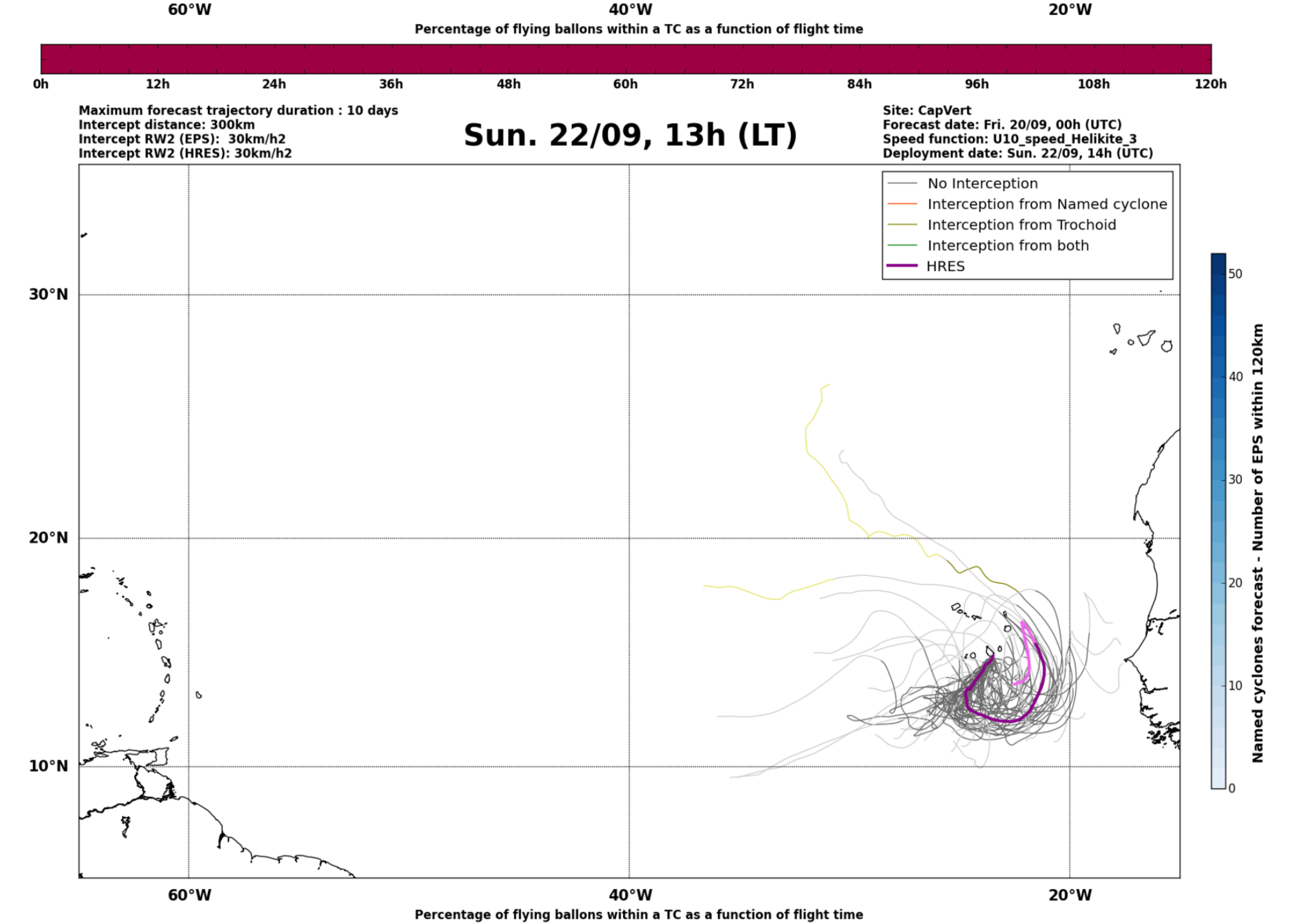

Sat. 21/09, 13h (LT)
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sat. 21/09, 14h (UTC)
Distance to the coast (km)
300 100 50 25 10 5 2 0
Flight time (h)
0 1 2 3 4 5 6 7 8 9 10 11 12 15 18 21 24 27 30 33 36 39 42 45 48 72
Number of members without landing
51 40 30 20 10 0
Probability (%)
100 90 80 70 60 50 40 30 20 10 0
16°N
14°N
24°W
22°W
Landing within 24h (1)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (1)
No landing within 120h (49)
EPS deployment position
HRES (No landing)
15°N
14.5°N
24°W
23.5°W
23°W

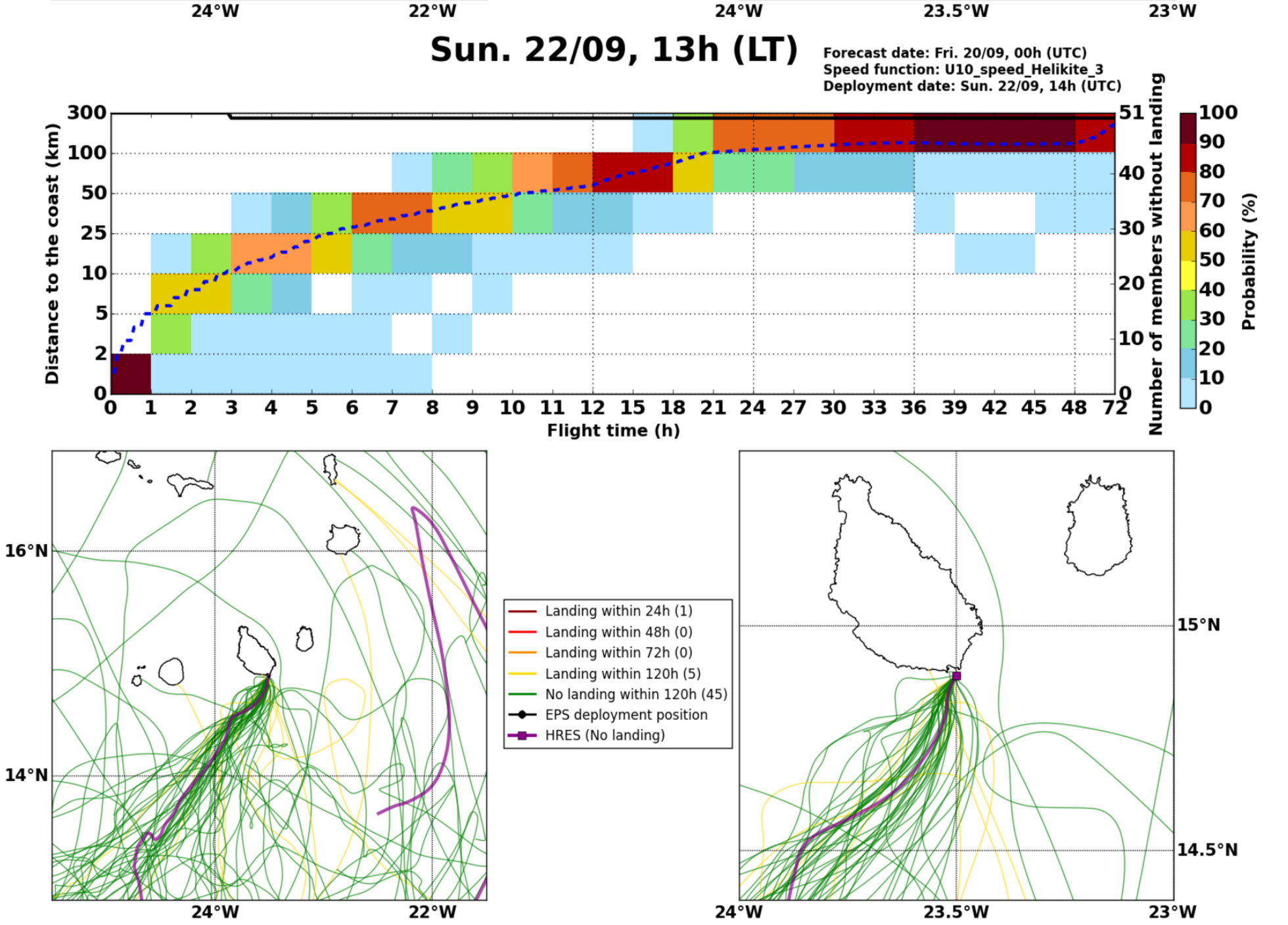

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Sat. 21/09, 19h (LT)
Site: CapVert
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sat. 21/09, 20h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
30°N
20°N
10°N
60°W
40°W
20°W
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

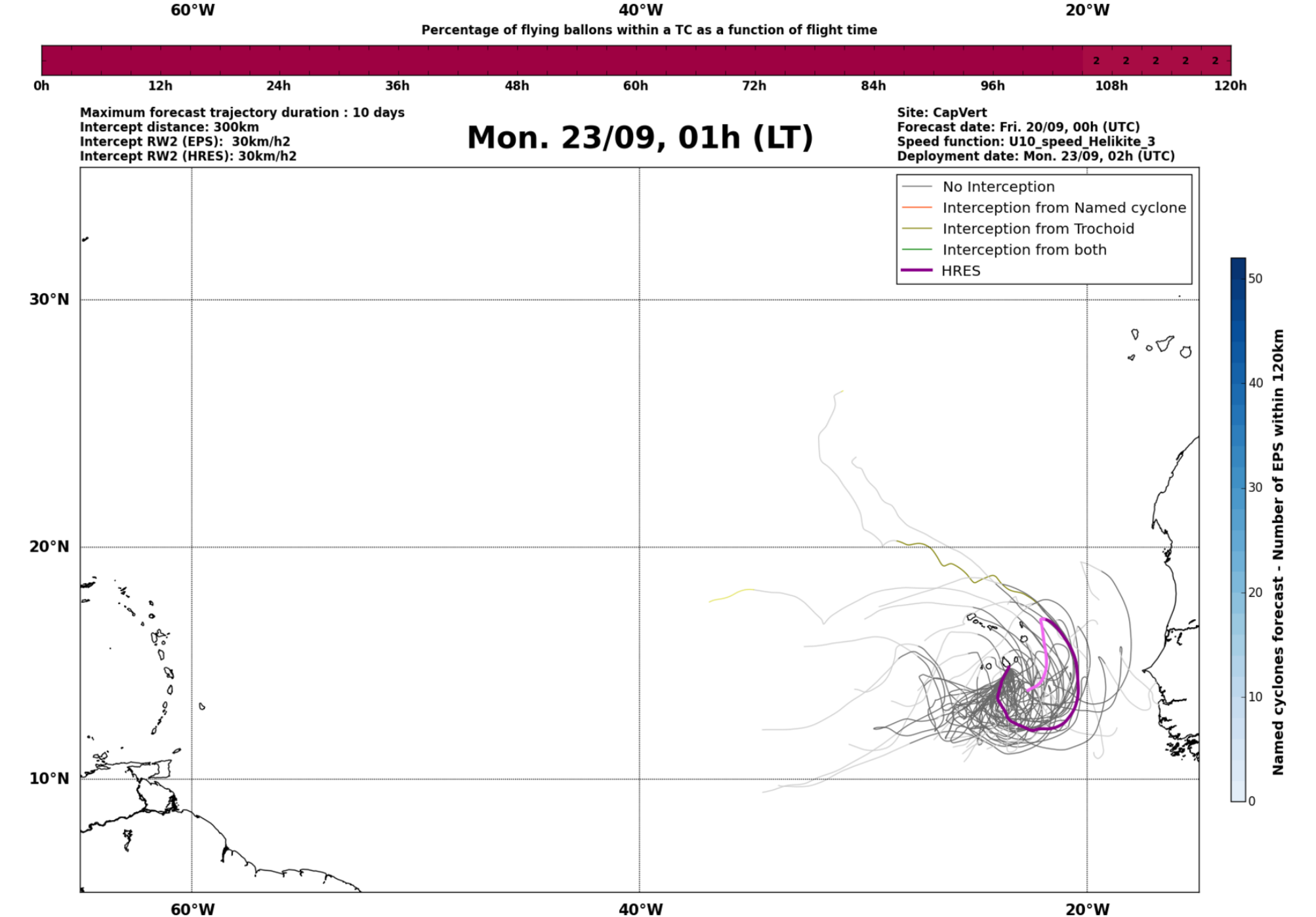

Sat. 21/09, 19h (LT)
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sat. 21/09, 20h (UTC)
Distance to the coast (km)
300 100 50 25 10 5 2 0
Flight time (h)
0 1 2 3 4 5 6 7 8 9 10 11 12 15 18 21 24 27 30 33 36 39 42 45 48 72
Number of members without landing
51 40 30 20 10 0
Probability (%)
100 90 80 70 60 50 40 30 20 10 0
16°N
14°N
24°W
22°W
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (1)
No landing within 120h (50)
EPS deployment position
HRES (No landing)
15°N
14.5°N
24°W
23.5°W
23°W

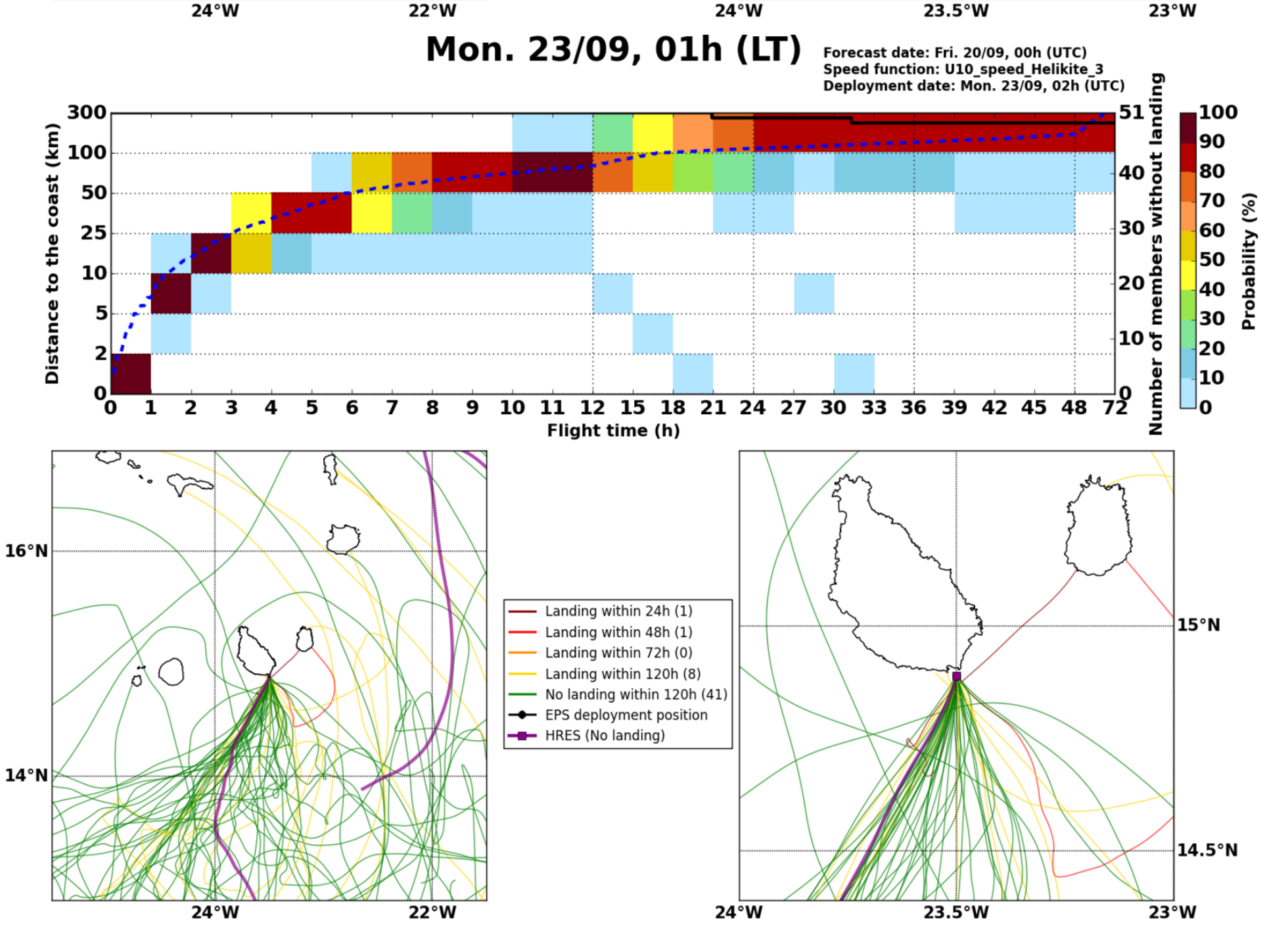

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Sun. 22/09, 01h (LT)
Site: CapVert
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sun. 22/09, 02h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
30°N
20°N
10°N
60°W
40°W
20°W
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

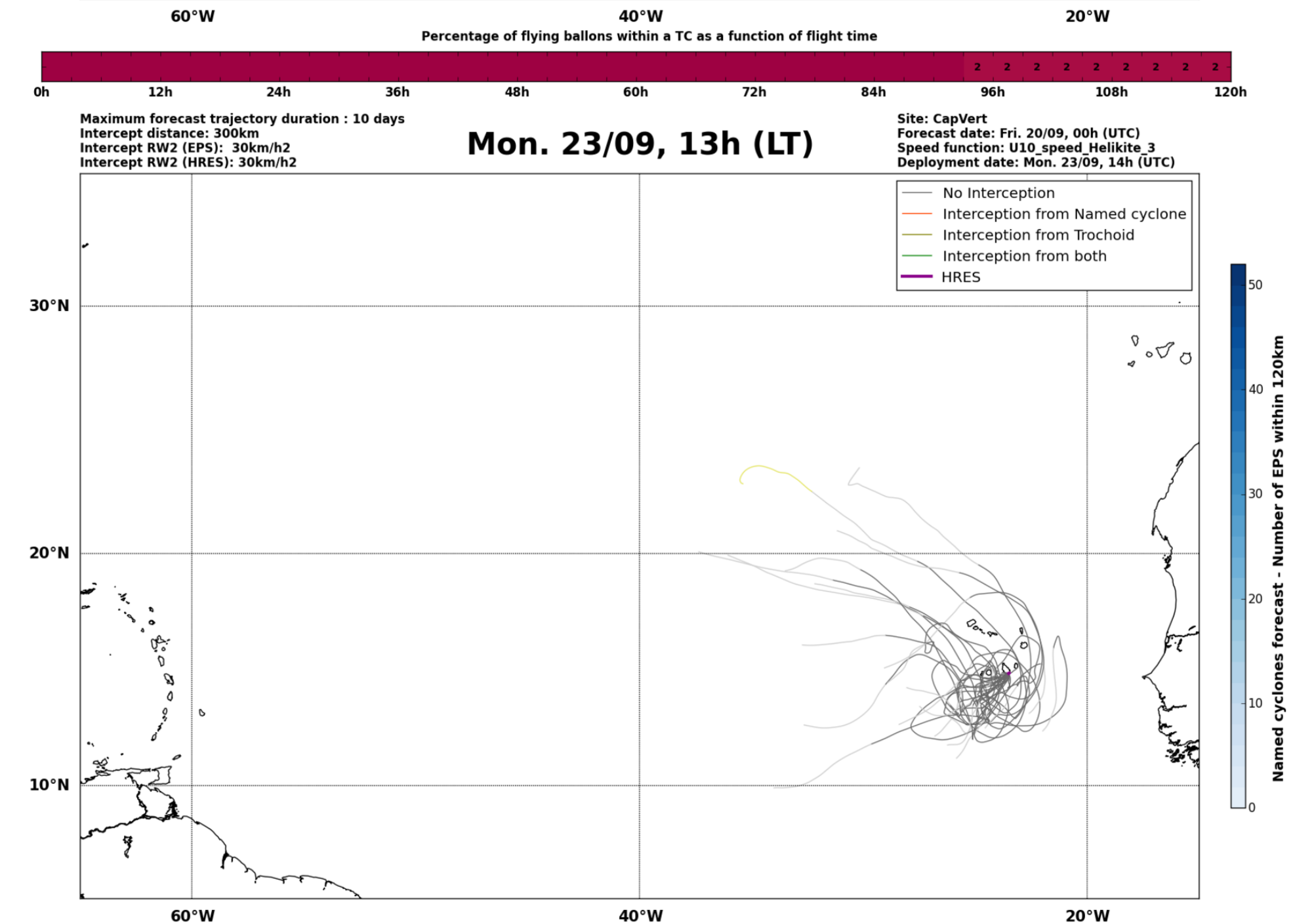

Sun. 22/09, 01h (LT)
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sun. 22/09, 02h (UTC)
Distance to the coast (km)
300 100 50 25 10 5 2 0
Flight time (h)
0 1 2 3 4 5 6 7 8 9 10 11 12 15 18 21 24 27 30 33 36 39 42 45 48 72
Number of members without landing
51 40 30 20 10 0
Probability (%)
100 90 80 70 60 50 40 30 20 10 0
16°N
14°N
24°W
22°W
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (2)
No landing within 120h (49)
EPS deployment position
HRES (No landing)
15°N
14.5°N
24°W
23.5°W
23°W

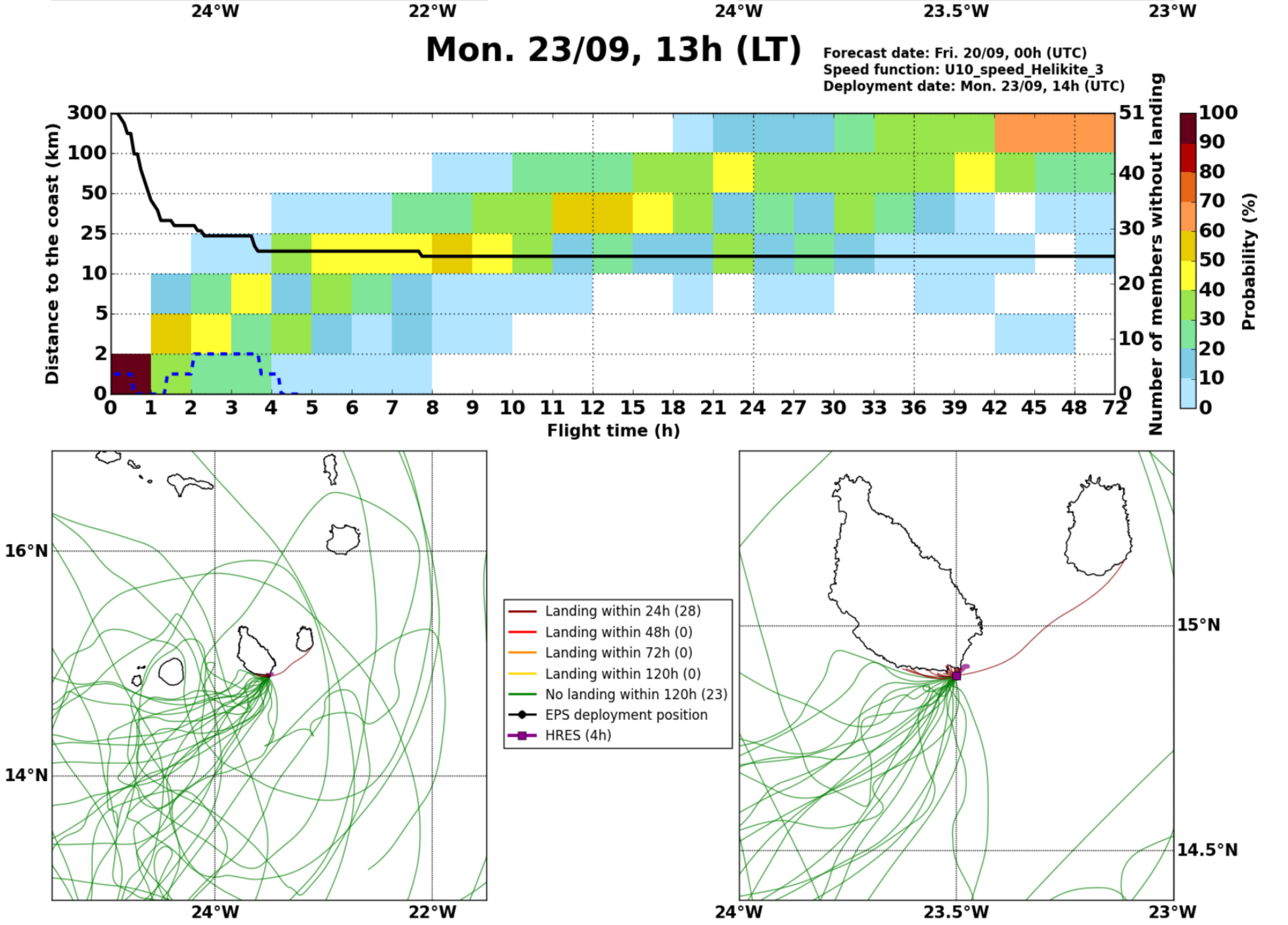

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Sun. 22/09, 13h (LT)
Site: CapVert
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sun. 22/09, 14h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
30°N
20°N
10°N
60°W
40°W
20°W
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

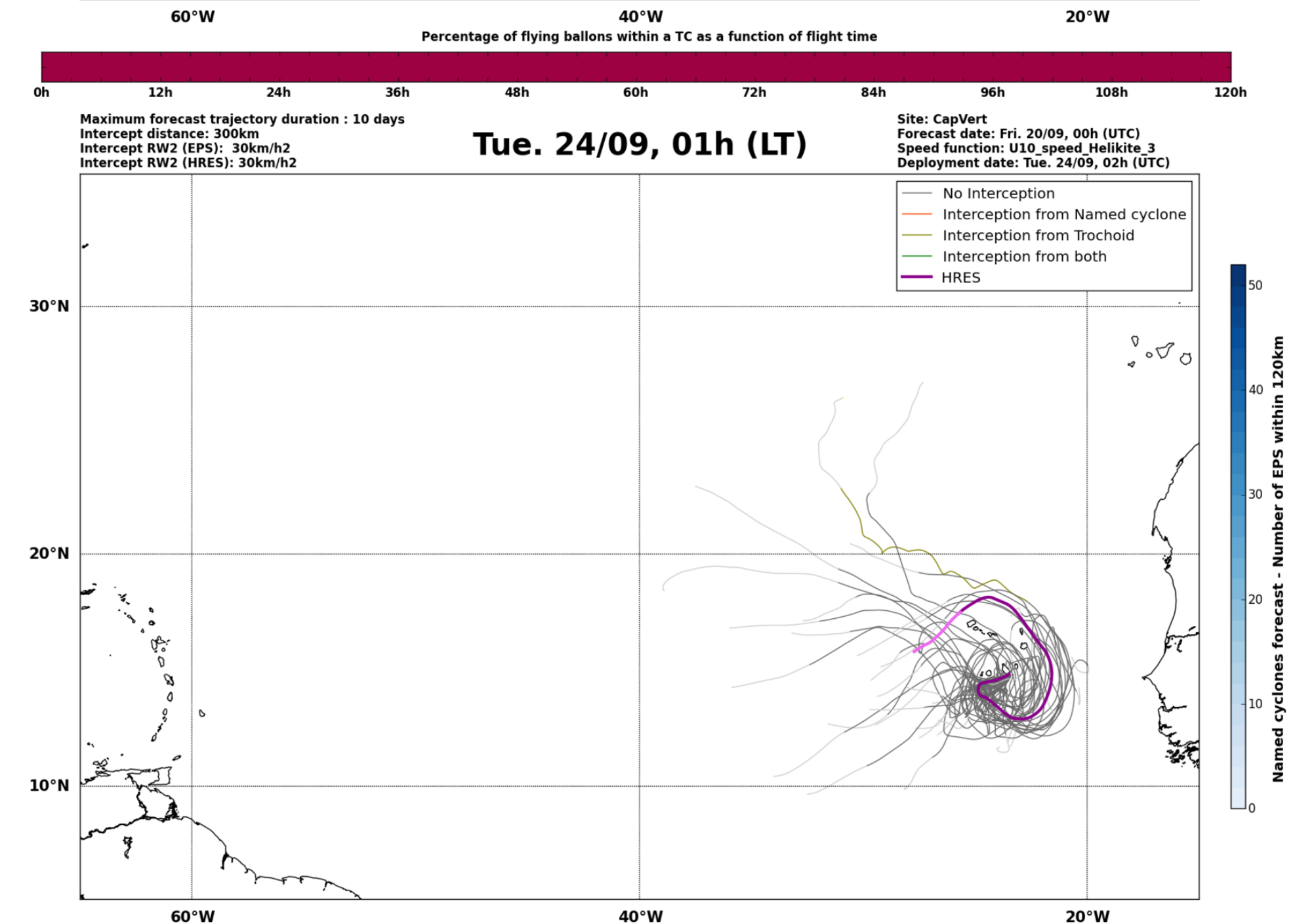

Sun. 22/09, 13h (LT)
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sun. 22/09, 14h (UTC)
Distance to the coast (km)
300 100 50 25 10 5 2 0
Flight time (h)
0 1 2 3 4 5 6 7 8 9 10 11 12 15 18 21 24 27 30 33 36 39 42 45 48 72
Number of members without landing
51 40 30 20 10 0
Probability (%)
100 90 80 70 60 50 40 30 20 10 0
16°N
14°N
24°W
22°W
Landing within 24h (1)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (5)
No landing within 120h (45)
EPS deployment position
HRES (No landing)
15°N
14.5°N
24°W
23.5°W
23°W

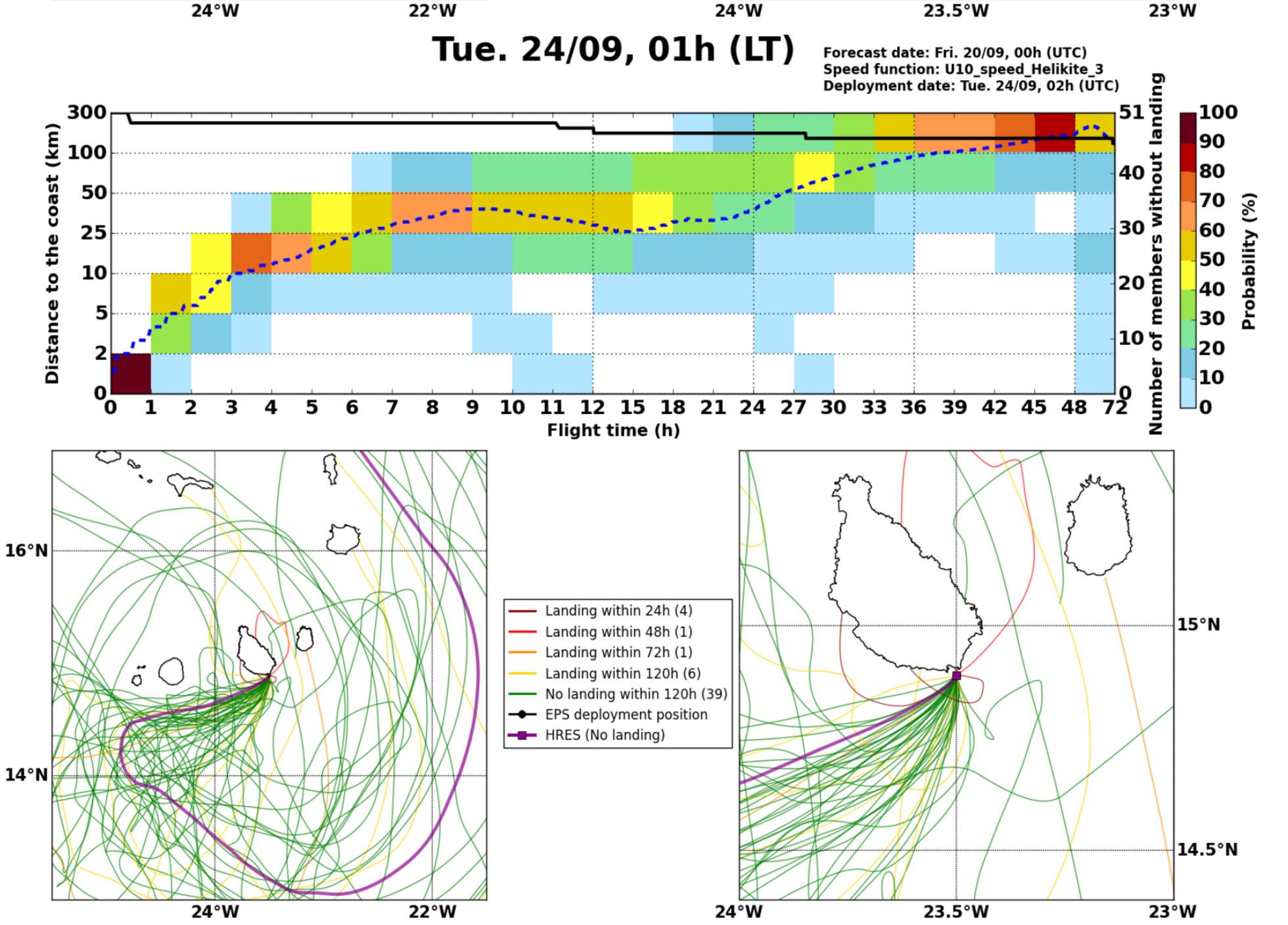

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Mon. 23/09, 01h (LT)
Site: CapVert
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Mon. 23/09, 02h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
30°N
20°N
10°N
60°W
40°W
20°W
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

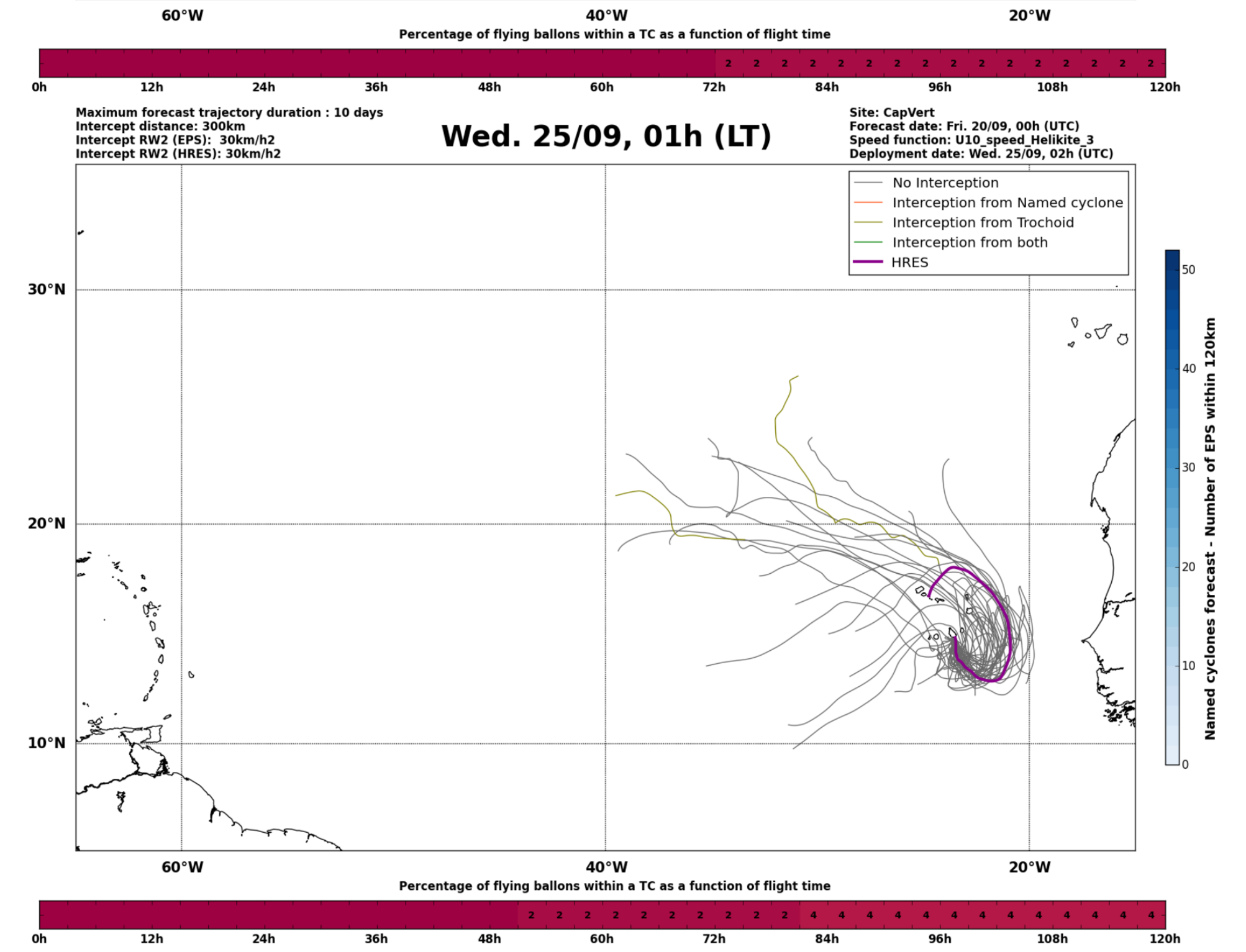

Mon. 23/09, 01h (LT)
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Mon. 23/09, 02h (UTC)
Distance to the coast (km)
300 100 50 25 10 5 2 0
Flight time (h)
0 1 2 3 4 5 6 7 8 9 10 11 12 15 18 21 24 27 30 33 36 39 42 45 48 72
Number of members without landing
51 40 30 20 10 0
Probability (%)
100 90 80 70 60 50 40 30 20 10 0
16°N
14°N
24°W
22°W
Landing within 24h (1)
Landing within 48h (1)
Landing within 72h (0)
Landing within 120h (8)
No landing within 120h (41)
EPS deployment position
HRES (No landing)
15°N
14.5°N
24°W
23.5°W
23°W

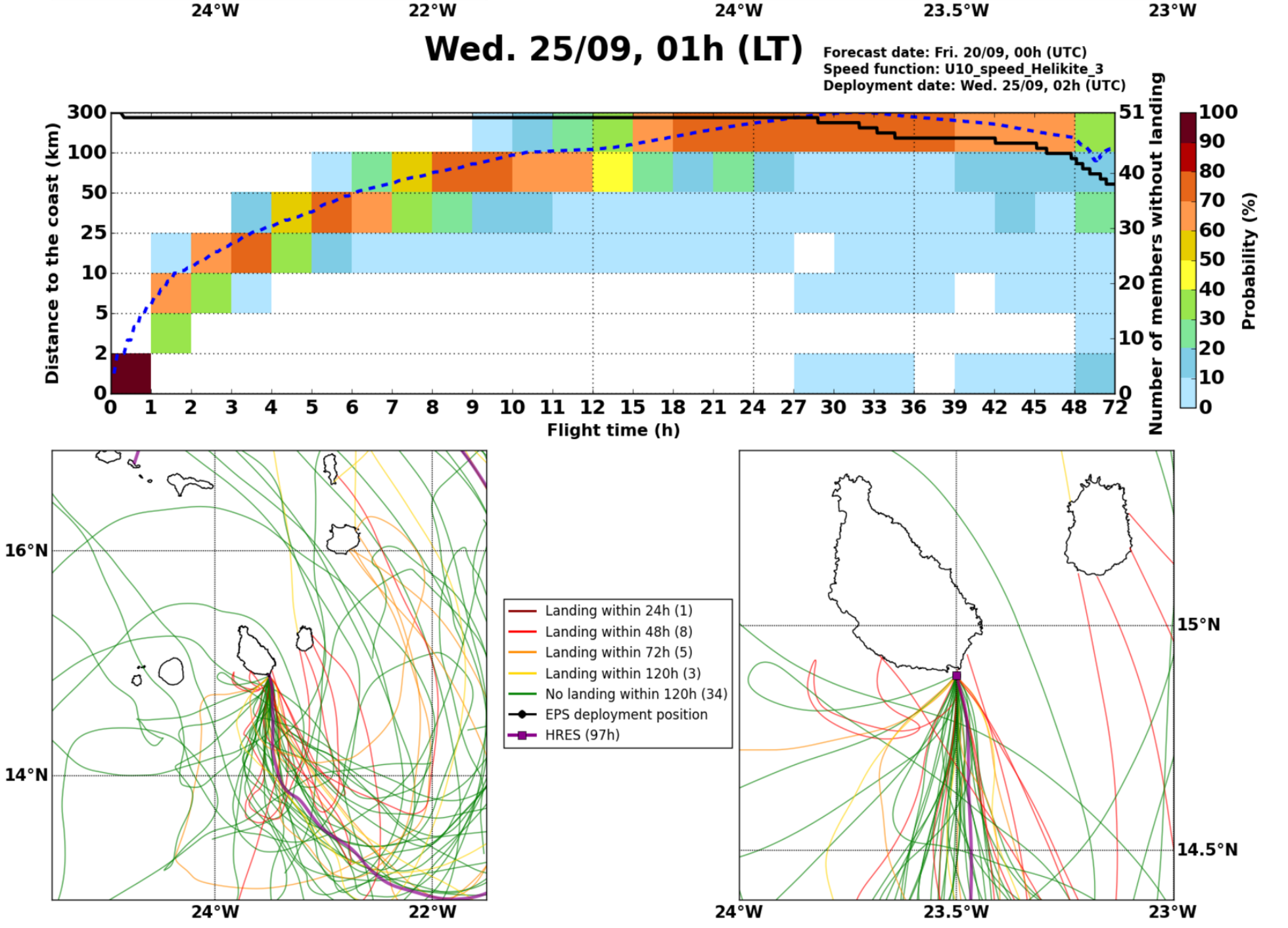

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Mon. 23/09, 13h (LT)
Site: CapVert
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Mon. 23/09, 14h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
30°N
20°N
10°N
60°W
40°W
20°W
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h


Mon. 23/09, 13h (LT)
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Mon. 23/09, 14h (UTC)
Distance to the coast (km)
300 100 50 25 10 5 2 0
Flight time (h)
0 1 2 3 4 5 6 7 8 9 10 11 12 15 18 21 24 27 30 33 36 39 42 45 48 72
Number of members without landing
51 40 30 20 10 0
Probability (%)
100 90 80 70 60 50 40 30 20 10 0
16°N
14°N
24°W
22°W
Landing within 24h (28)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (23)
EPS deployment position
HRES (4h)
15°N
14.5°N
24°W
23.5°W
23°W


Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Tue. 24/09, 01h (LT)
Site: CapVert
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Tue. 24/09, 02h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
30°N
20°N
10°N
60°W
40°W
20°W
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h


Tue. 24/09, 01h (LT)
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Tue. 24/09, 02h (UTC)
Distance to the coast (km)
300 100 50 25 10 5 2 0
Flight time (h)
0 1 2 3 4 5 6 7 8 9 10 11 12 15 18 21 24 27 30 33 36 39 42 45 48 72
Number of members without landing
51 40 30 20 10 0
Probability (%)
100 90 80 70 60 50 40 30 20 10 0
16°N
14°N
24°W
22°W
Landing within 24h (4)
Landing within 48h (1)
Landing within 72h (1)
Landing within 120h (6)
No landing within 120h (39)
EPS deployment position
HRES (No landing)
15°N
14.5°N
24°W
23.5°W
23°W


Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Wed. 25/09, 01h (LT)
Site: CapVert
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Wed. 25/09, 02h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
30°N
20°N
10°N
60°W
40°W
20°W
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h


Wed. 25/09, 01h (LT)
Forecast date: Fri. 20/09, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Wed. 25/09, 02h (UTC)
Distance to the coast (km)
300 100 50 25 10 5 2 0
Flight time (h)
0 1 2 3 4 5 6 7 8 9 10 11 12 15 18 21 24 27 30 33 36 39 42 45 48 72
Number of members without landing
51 40 30 20 10 0
Probability (%)
100 90 80 70 60 50 40 30 20 10 0
16°N
14°N
24°W
22°W
Landing within 24h (1)
Landing within 48h (8)
Landing within 72h (5)
Landing within 120h (3)
No landing within 120h (34)
EPS deployment position
HRES (97h)
15°N
14.5°N
24°W
23.5°W
23°W