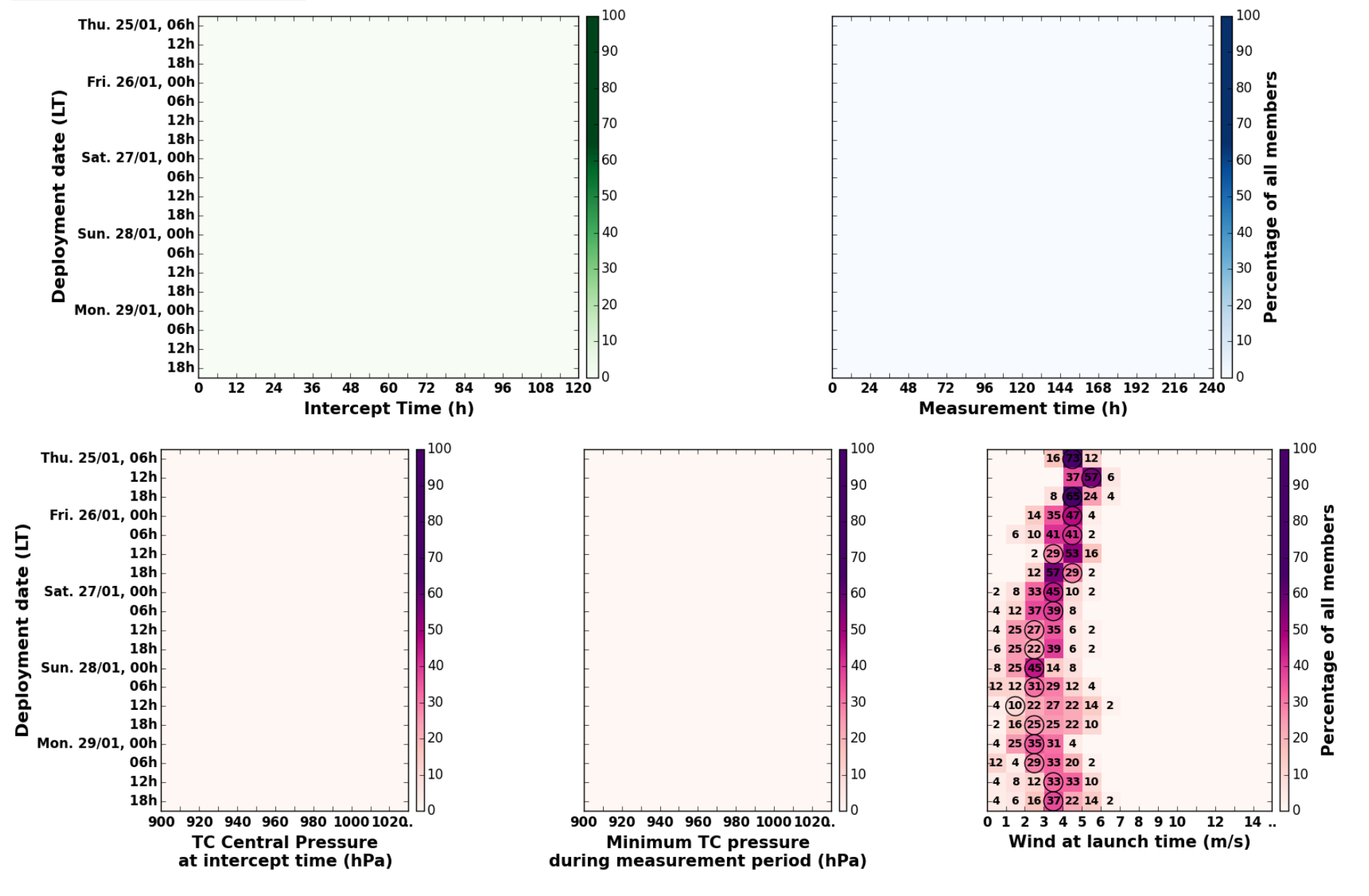
☐ Analysis
○ Deterministic forecast (HRES)
▨ Data not available

Forecast date: Wed. 24/01, 12h (UTC)

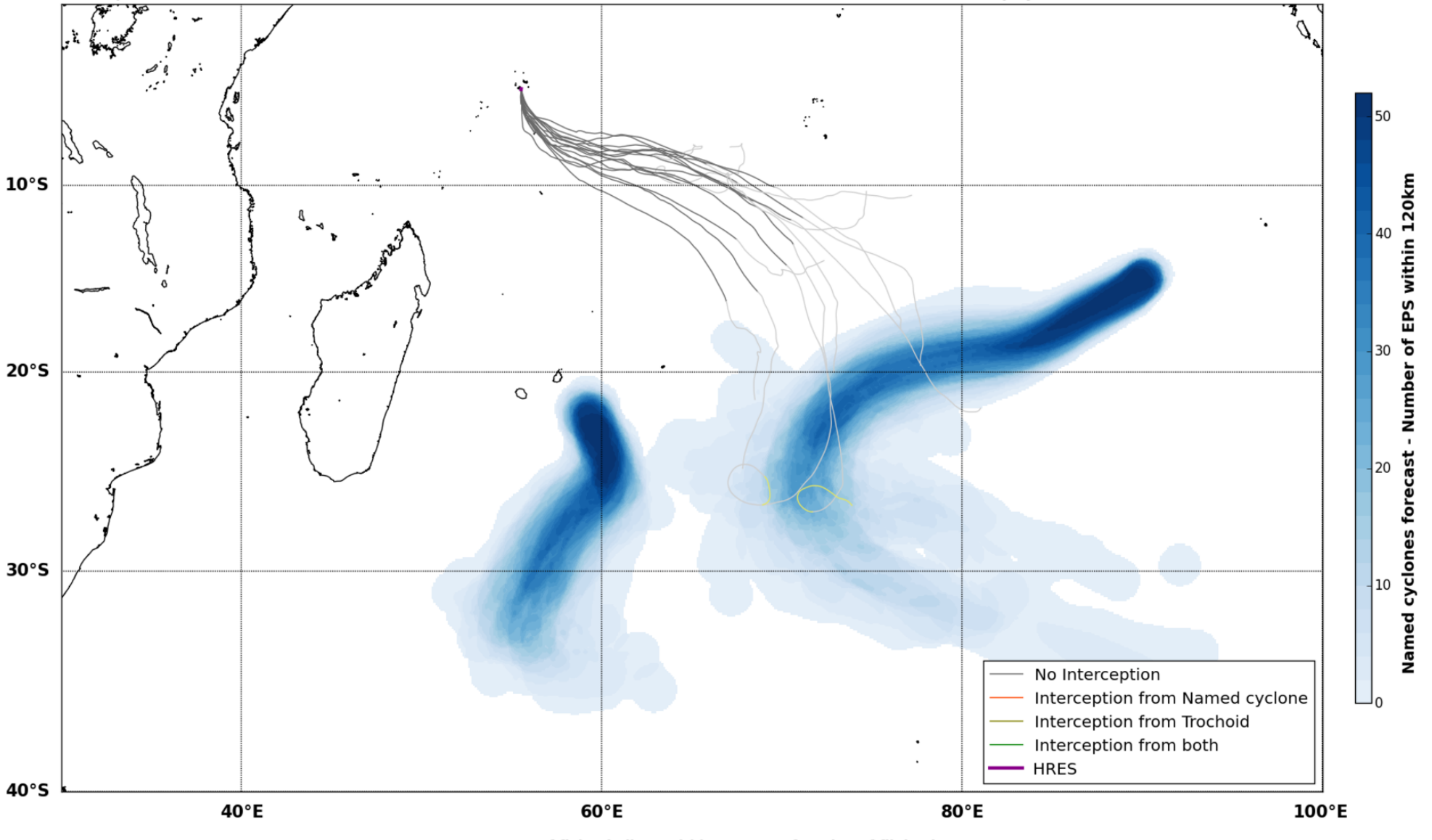
Site: Mahe
Speed function: U10_speed_Helikite_3
Method: Named cyclones (300km)



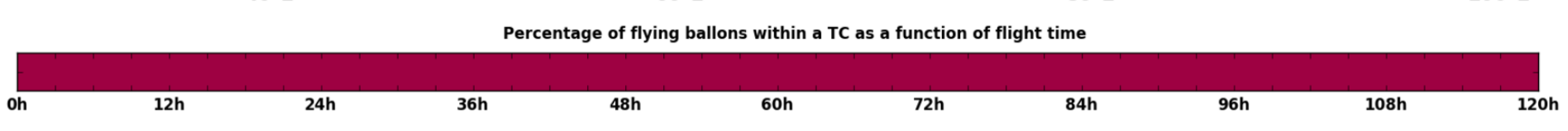
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2

Thu. 25/01, 06h (LT)

Site: Mahe
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Thu. 25/01, 02h (UTC)


10°S
20°S
30°S
40°S
40°E
60°E
80°E
100°E
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50

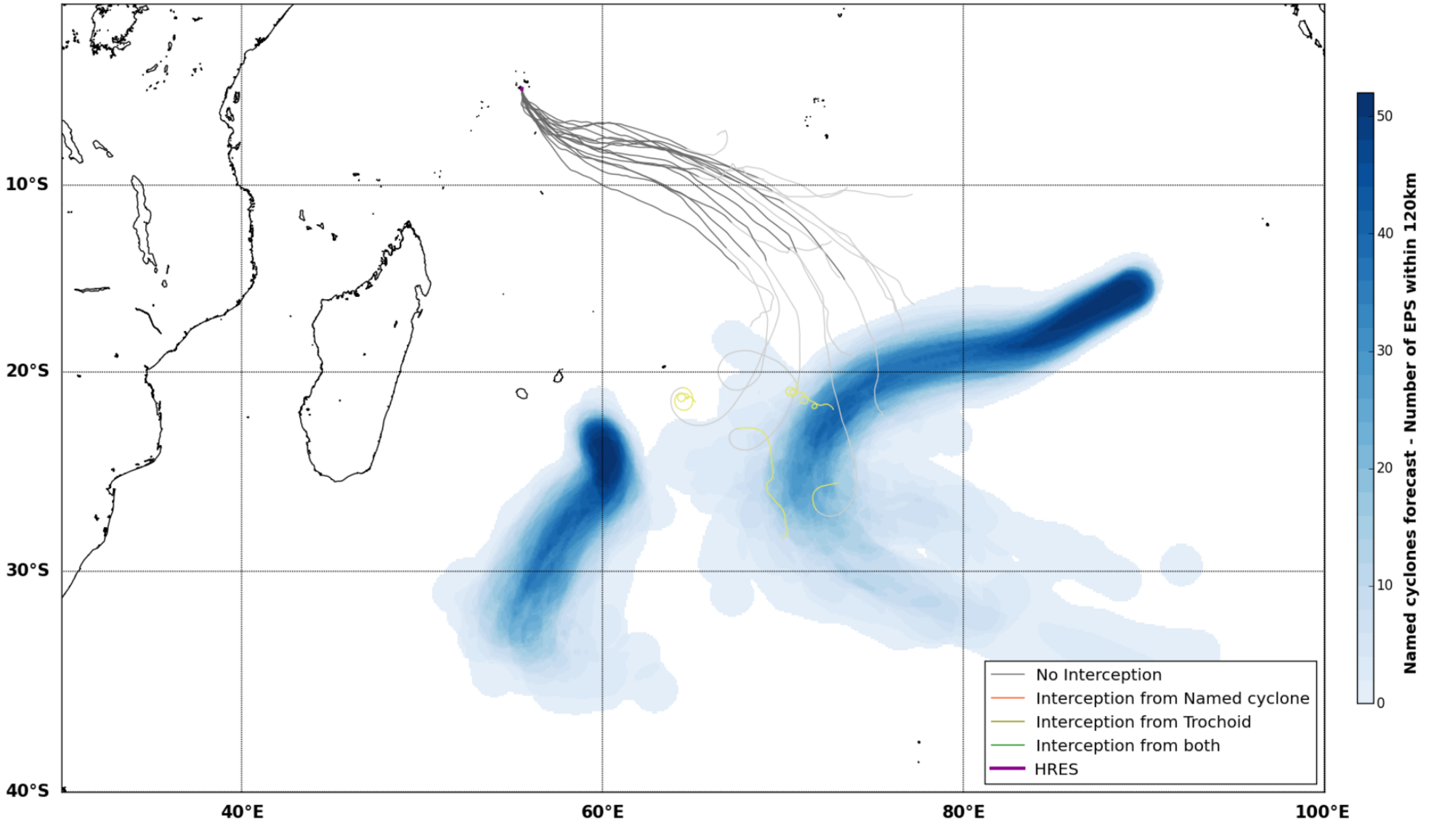
Percentage of flying ballons within a TC as a function of flight time



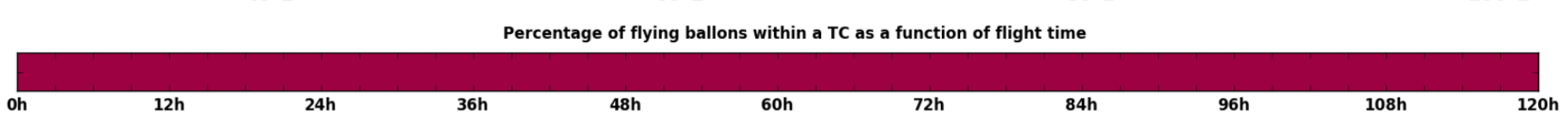
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2

Thu. 25/01, 12h (LT)

Site: Mahe
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Thu. 25/01, 08h (UTC)


10°S
20°S
30°S
40°S
40°E
60°E
80°E
100°E
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50

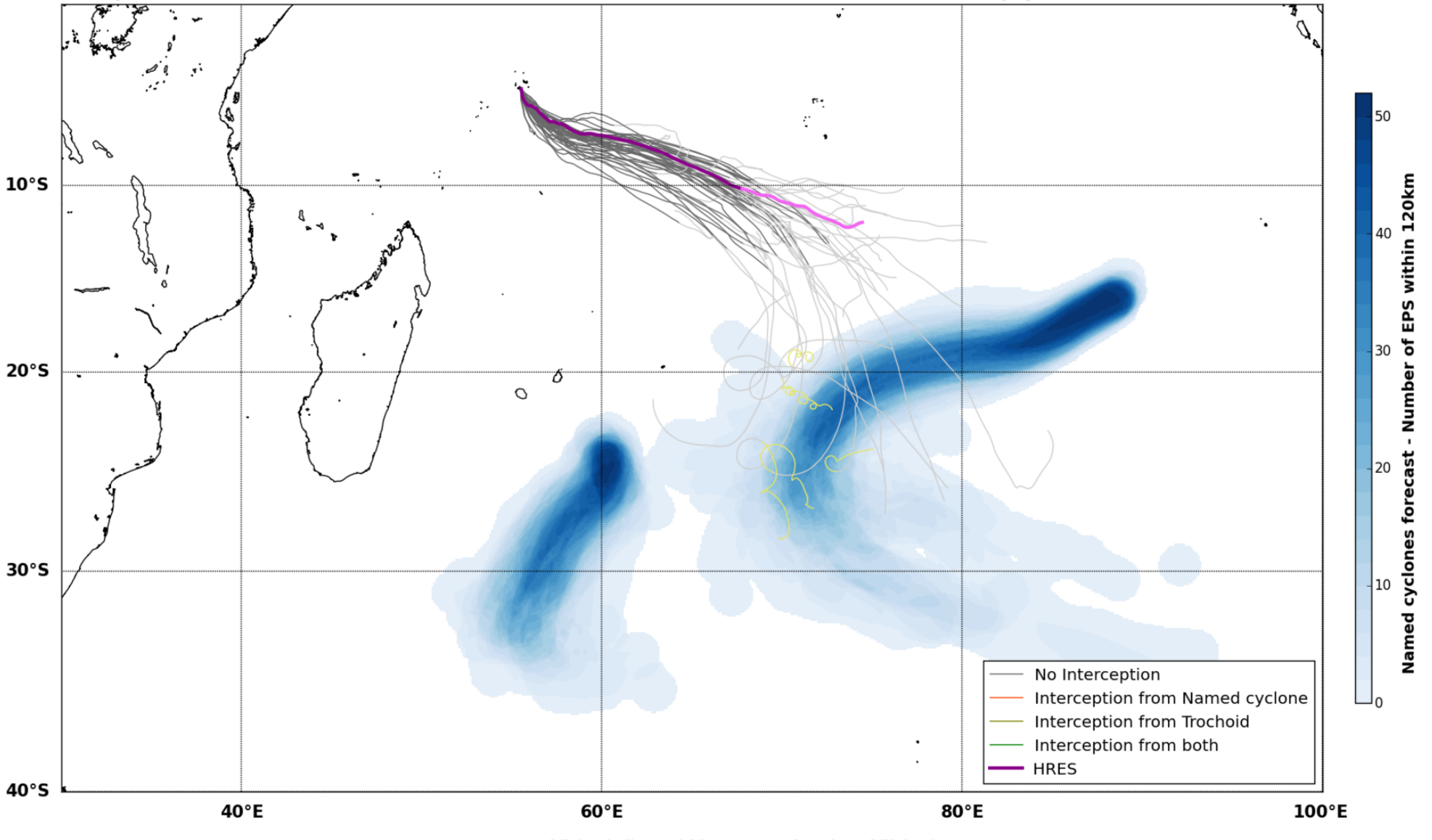
Percentage of flying ballons within a TC as a function of flight time



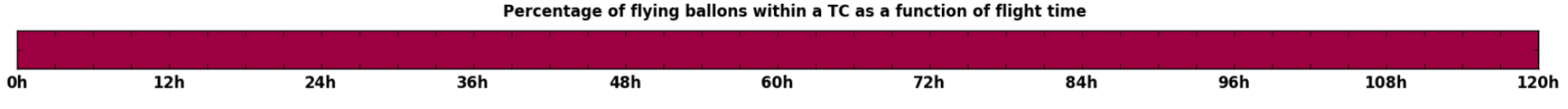
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2

Thu. 25/01, 18h (LT)

Site: Mahe
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Thu. 25/01, 14h (UTC)


10°S
20°S
30°S
40°S
40°E
60°E
80°E
100°E
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50

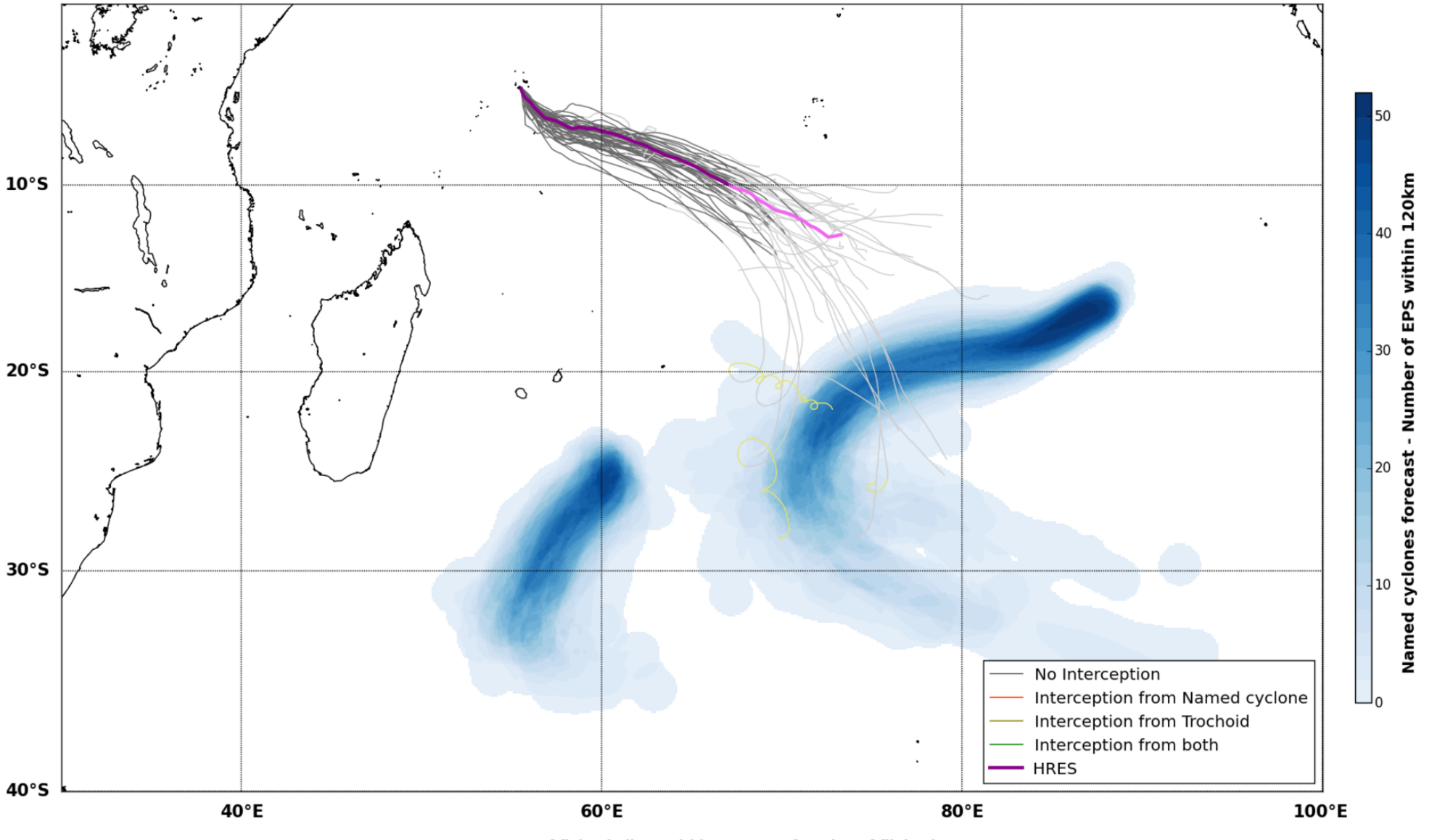
Percentage of flying ballons within a TC as a function of flight time



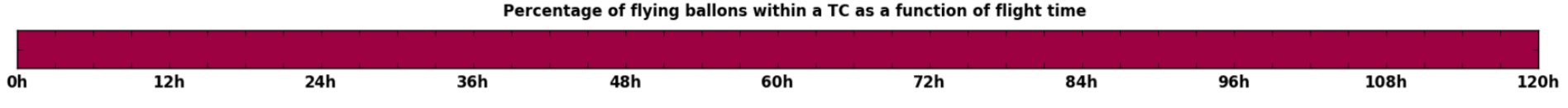
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2

Fri. 26/01, 00h (LT)

Site: Mahe
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Thu. 25/01, 20h (UTC)


10°S
20°S
30°S
40°S
40°E
60°E
80°E
100°E
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50

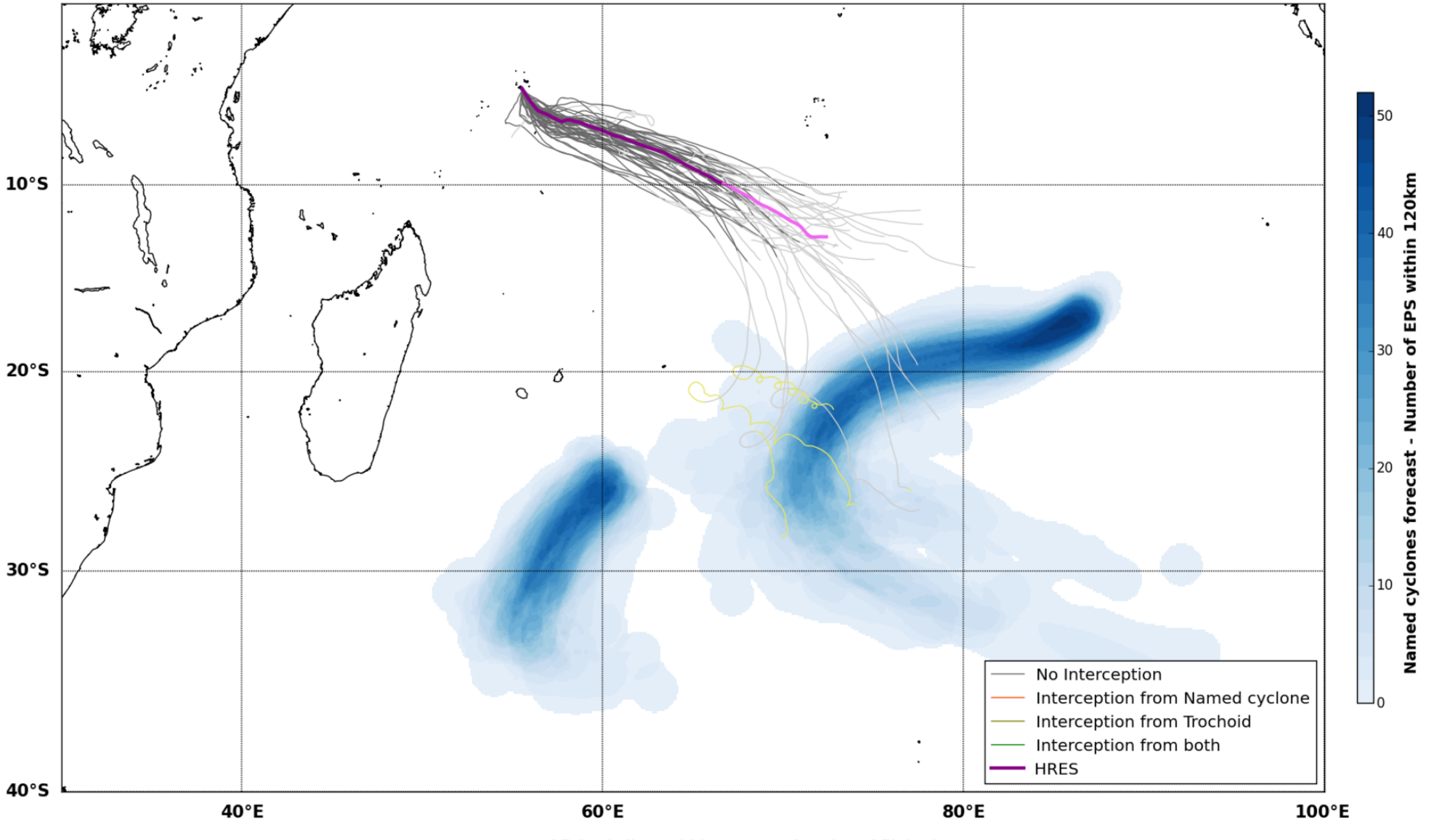
Percentage of flying ballons within a TC as a function of flight time



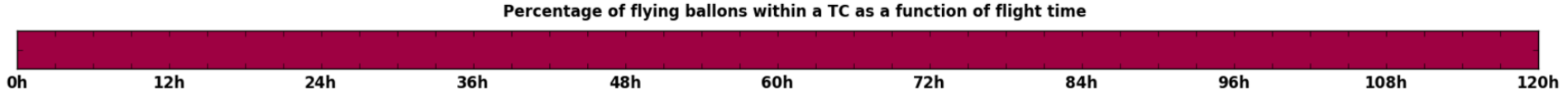
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2

Fri. 26/01, 06h (LT)

Site: Mahe
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Fri. 26/01, 02h (UTC)


10°S
20°S
30°S
40°S
40°E
60°E
80°E
100°E
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50

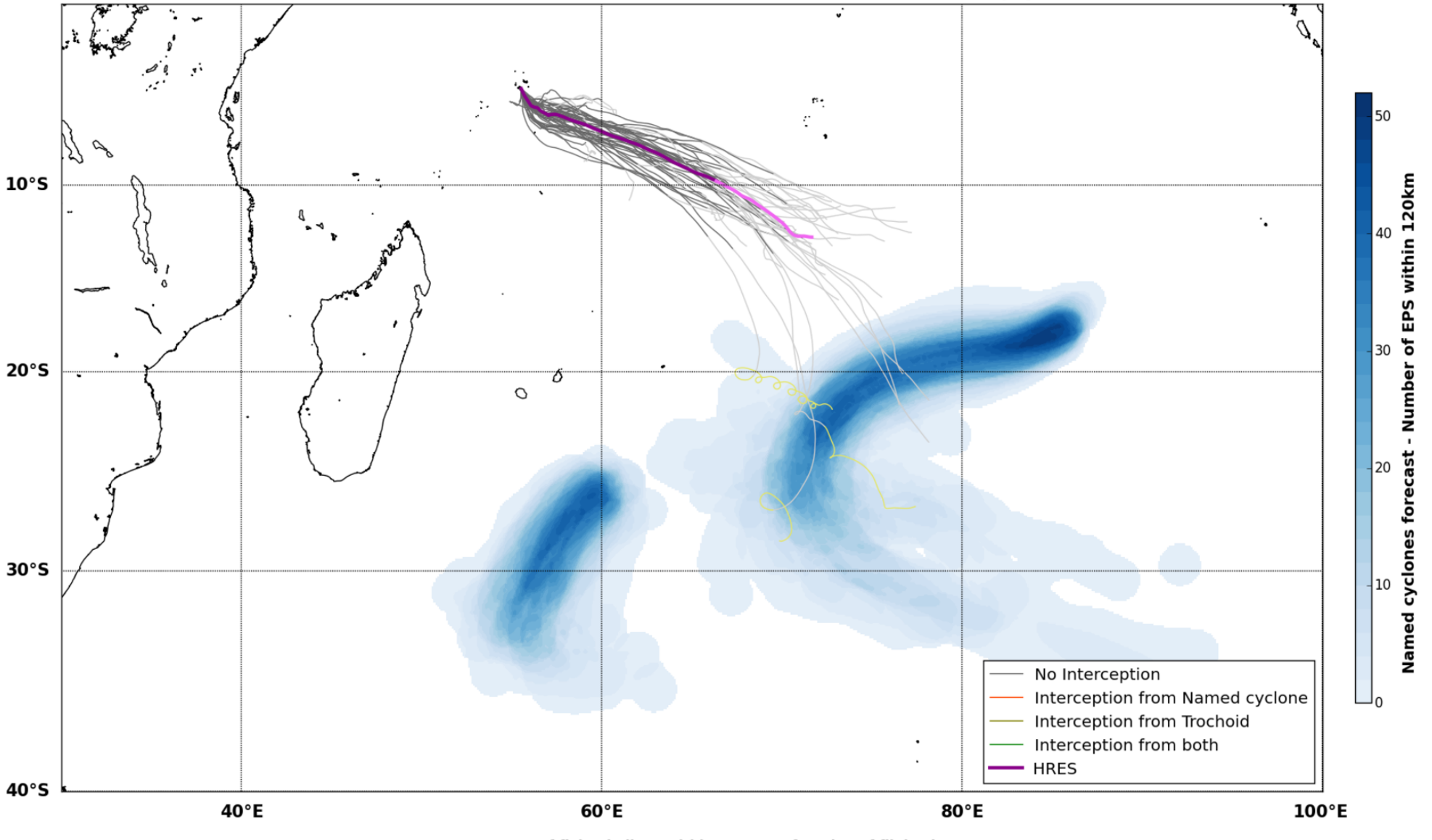
Percentage of flying ballons within a TC as a function of flight time



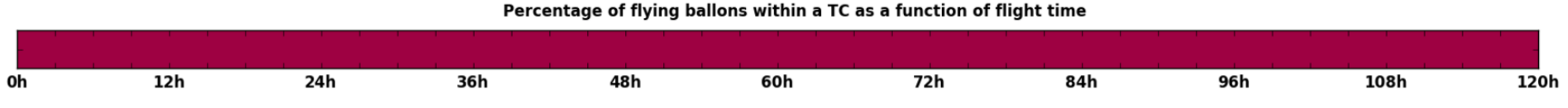
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2

Fri. 26/01, 12h (LT)

Site: Mahe
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Fri. 26/01, 08h (UTC)


10°S
20°S
30°S
40°S
40°E
60°E
80°E
100°E
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50

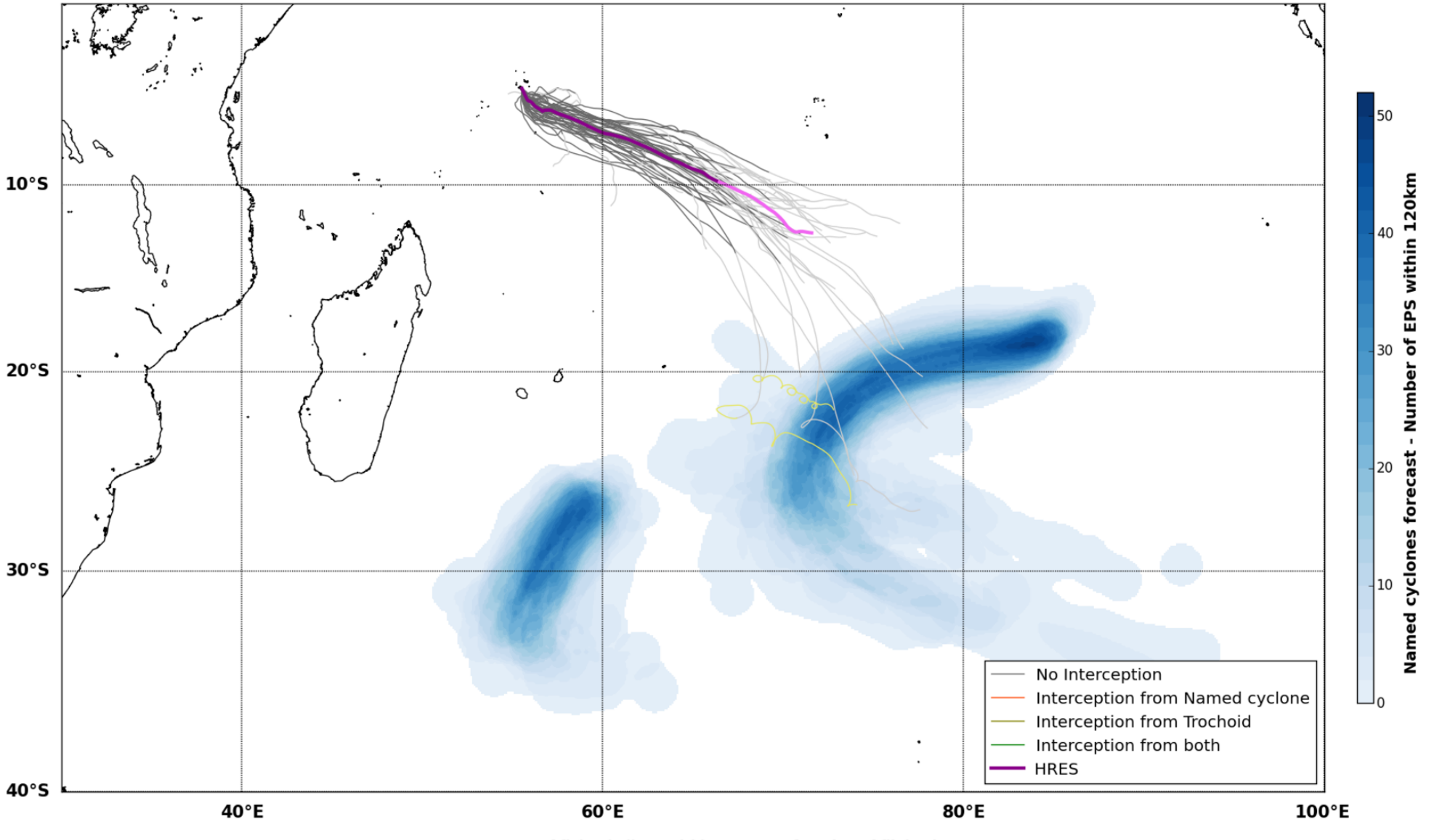
Percentage of flying ballons within a TC as a function of flight time



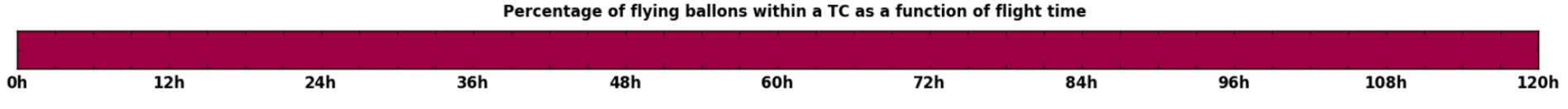
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2

Fri. 26/01, 18h (LT)

Site: Mahe
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Fri. 26/01, 14h (UTC)


10°S
20°S
30°S
40°S
40°E
60°E
80°E
100°E
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50

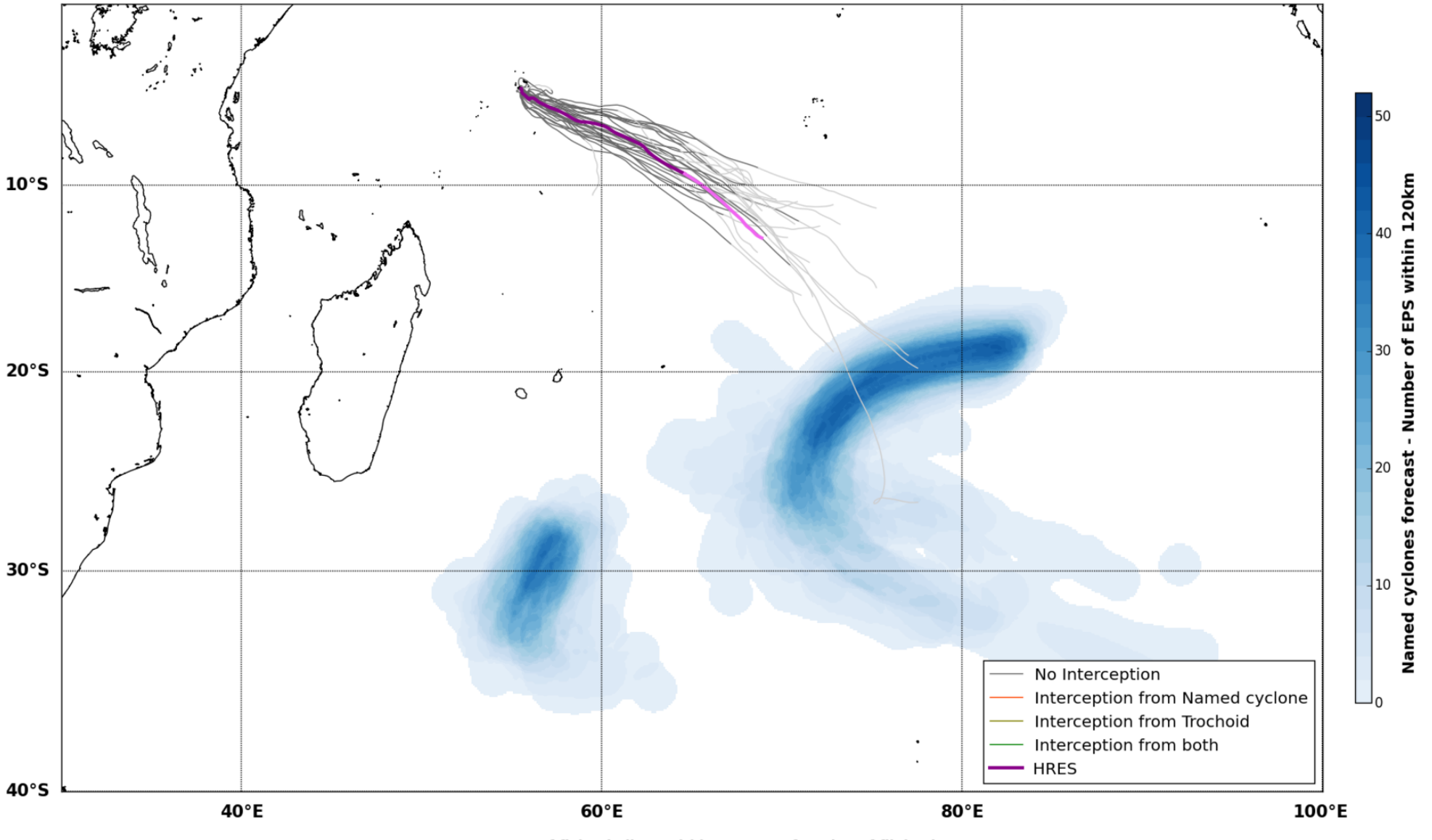
Percentage of flying ballons within a TC as a function of flight time



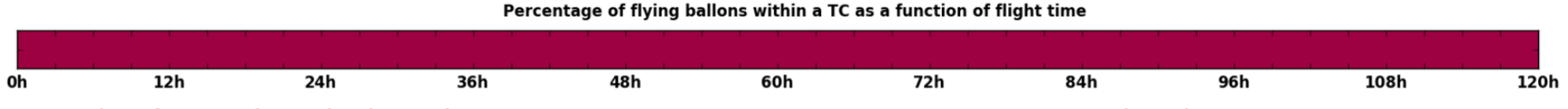
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2

Sat. 27/01, 06h (LT)

Site: Mahe
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sat. 27/01, 02h (UTC)


10°S
20°S
30°S
40°S
40°E
60°E
80°E
100°E
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50

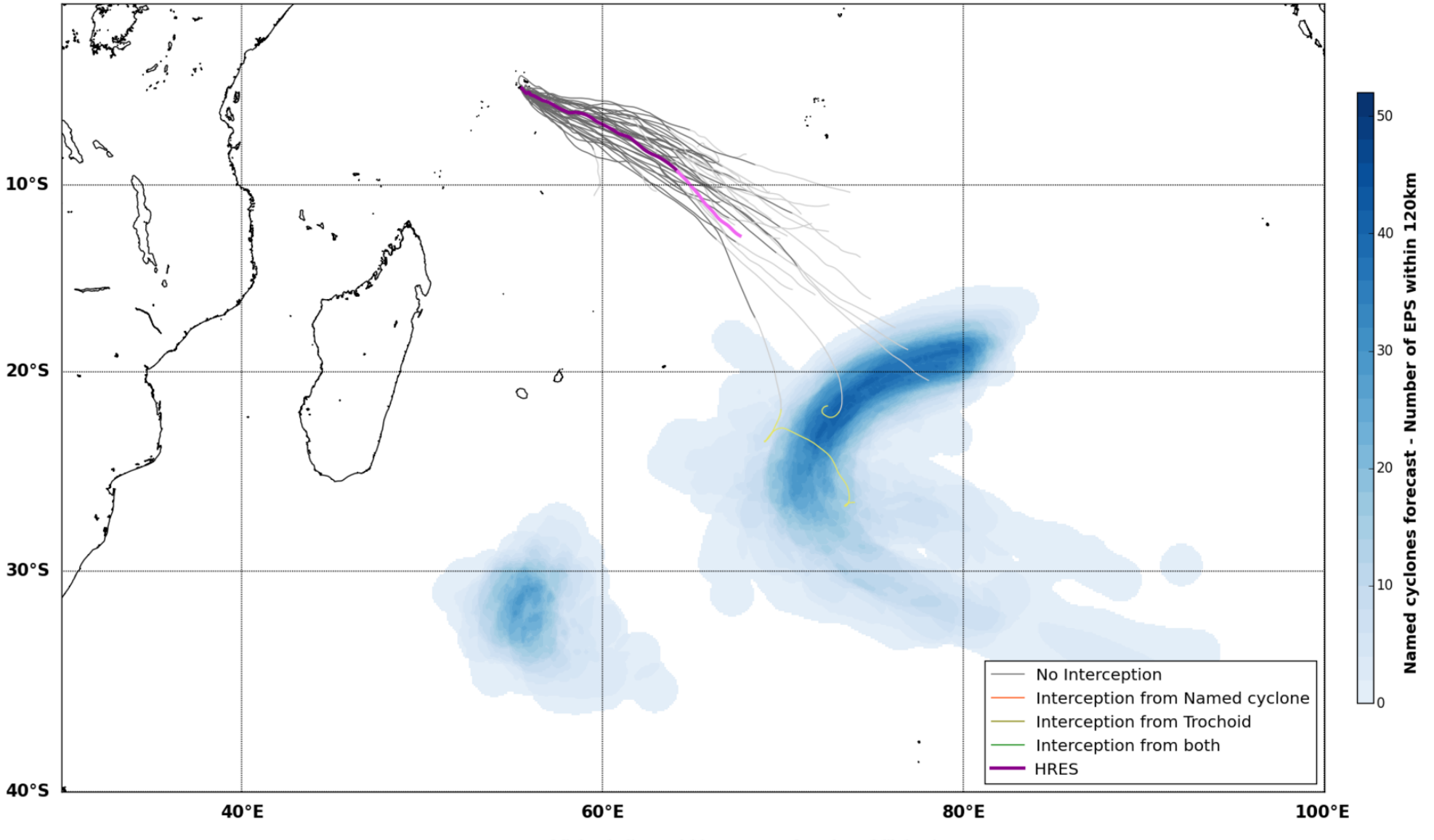
Percentage of flying ballons within a TC as a function of flight time



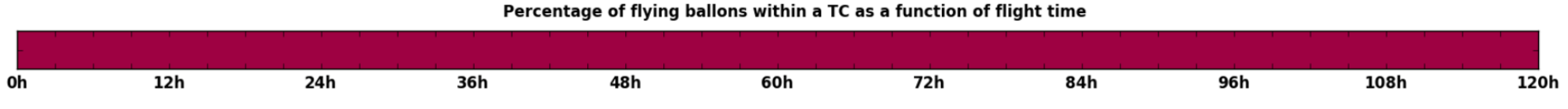
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2

Sat. 27/01, 18h (LT)

Site: Mahe
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sat. 27/01, 14h (UTC)


10°S
20°S
30°S
40°S
40°E
60°E
80°E
100°E
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50

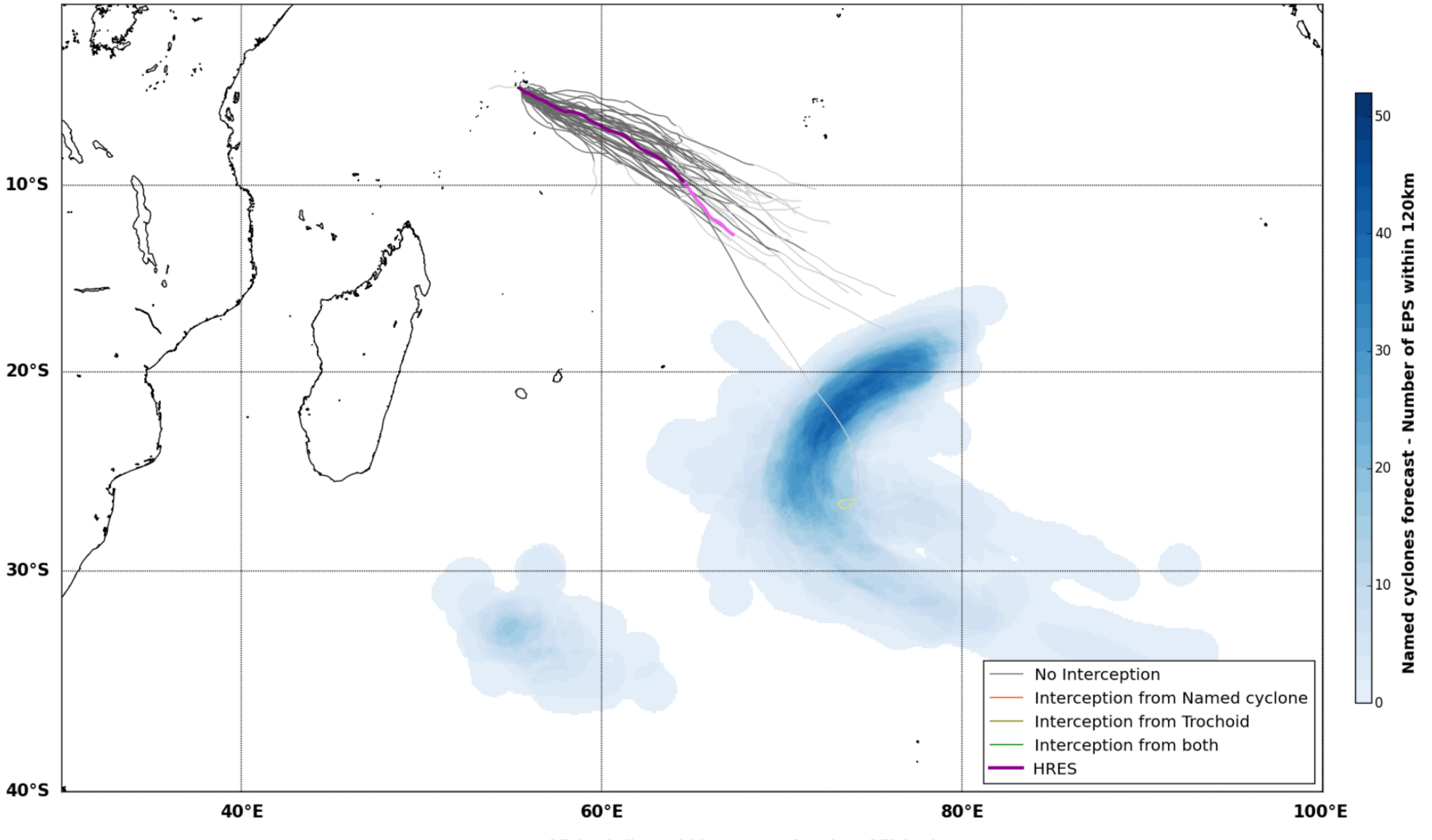
Percentage of flying ballons within a TC as a function of flight time



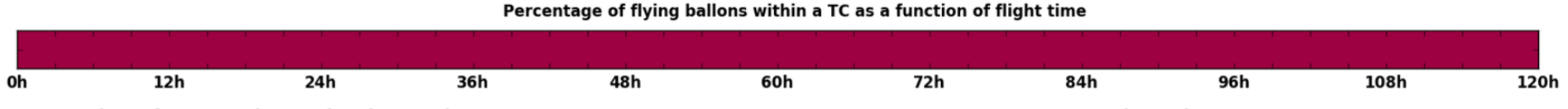
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2

Sun. 28/01, 06h (LT)

Site: Mahe
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sun. 28/01, 02h (UTC)


10°S
20°S
30°S
40°S
40°E
60°E
80°E
100°E
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50

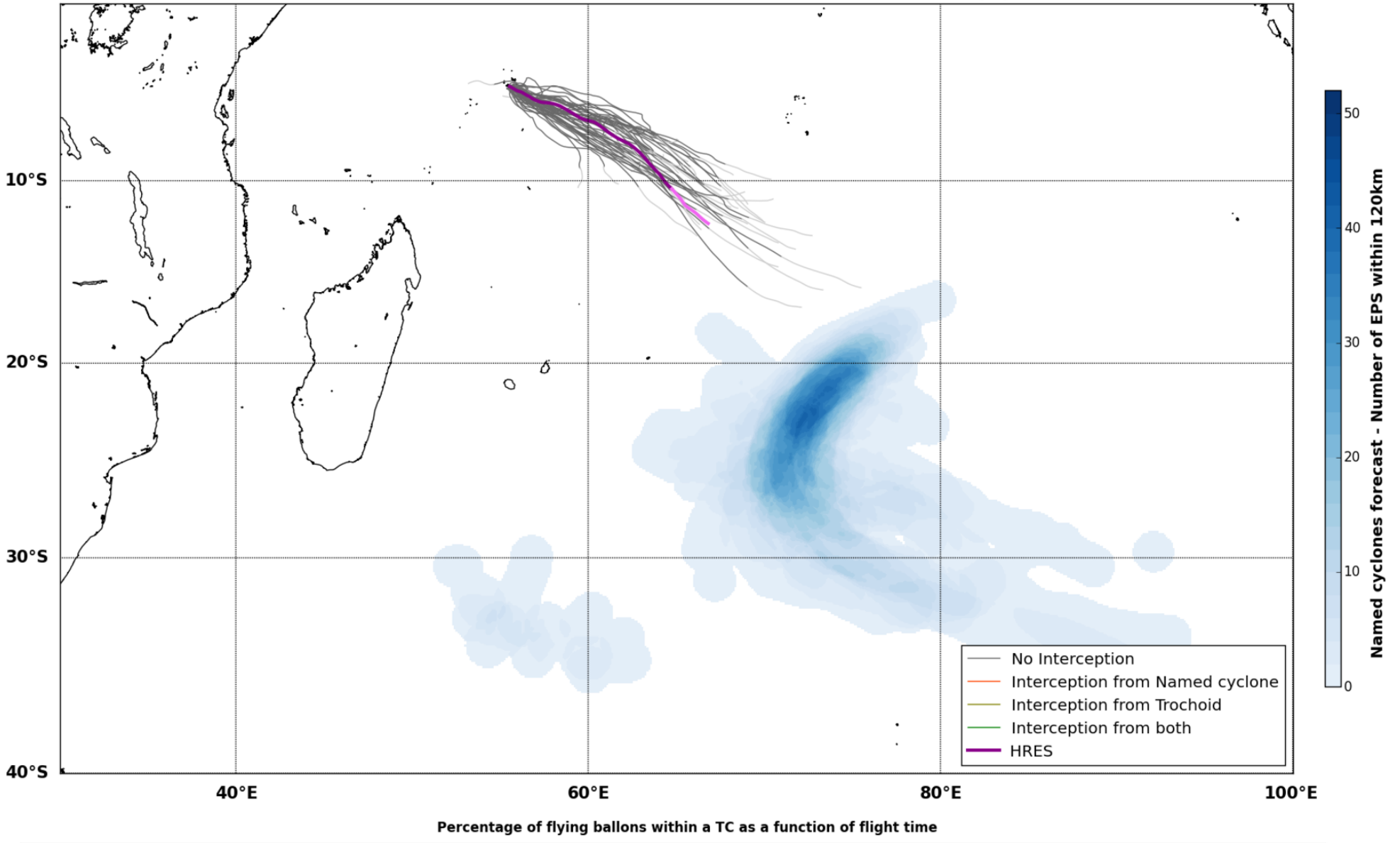
Percentage of flying ballons within a TC as a function of flight time



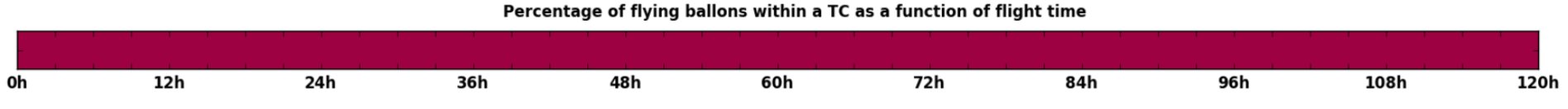
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2

Sun. 28/01, 18h (LT)

Site: Mahe
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sun. 28/01, 14h (UTC)


10°S
20°S
30°S
40°S
40°E
60°E
80°E
100°E
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50

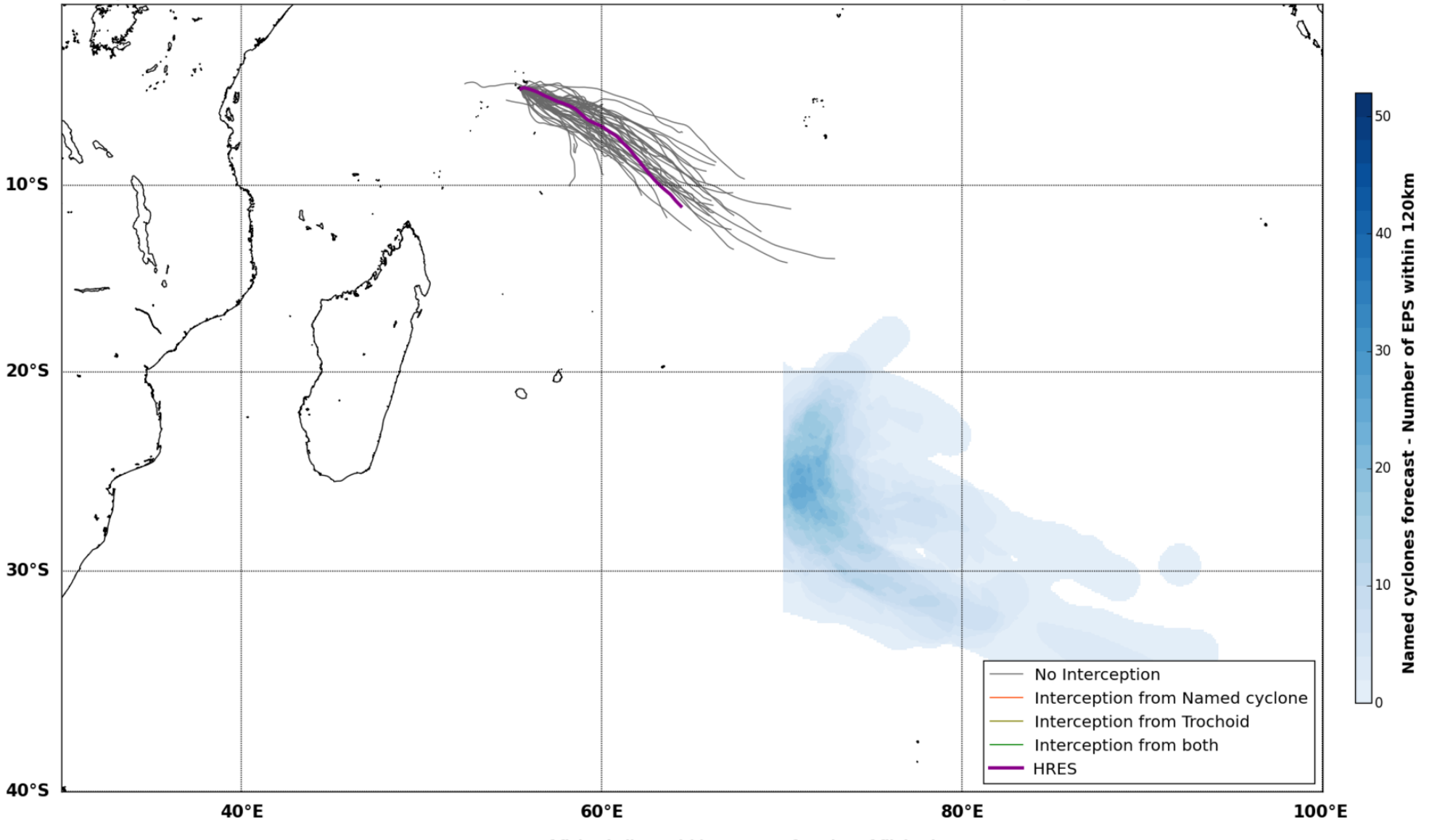
Percentage of flying ballons within a TC as a function of flight time



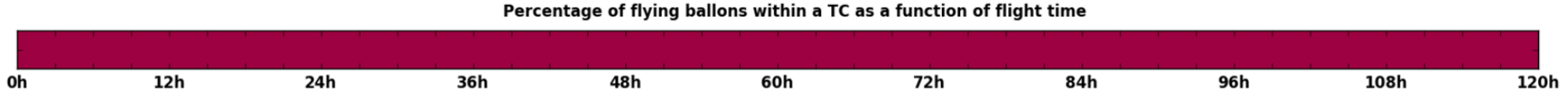
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2

Mon. 29/01, 18h (LT)

Site: Mahe
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Mon. 29/01, 14h (UTC)


10°S
20°S
30°S
40°S
40°E
60°E
80°E
100°E
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50

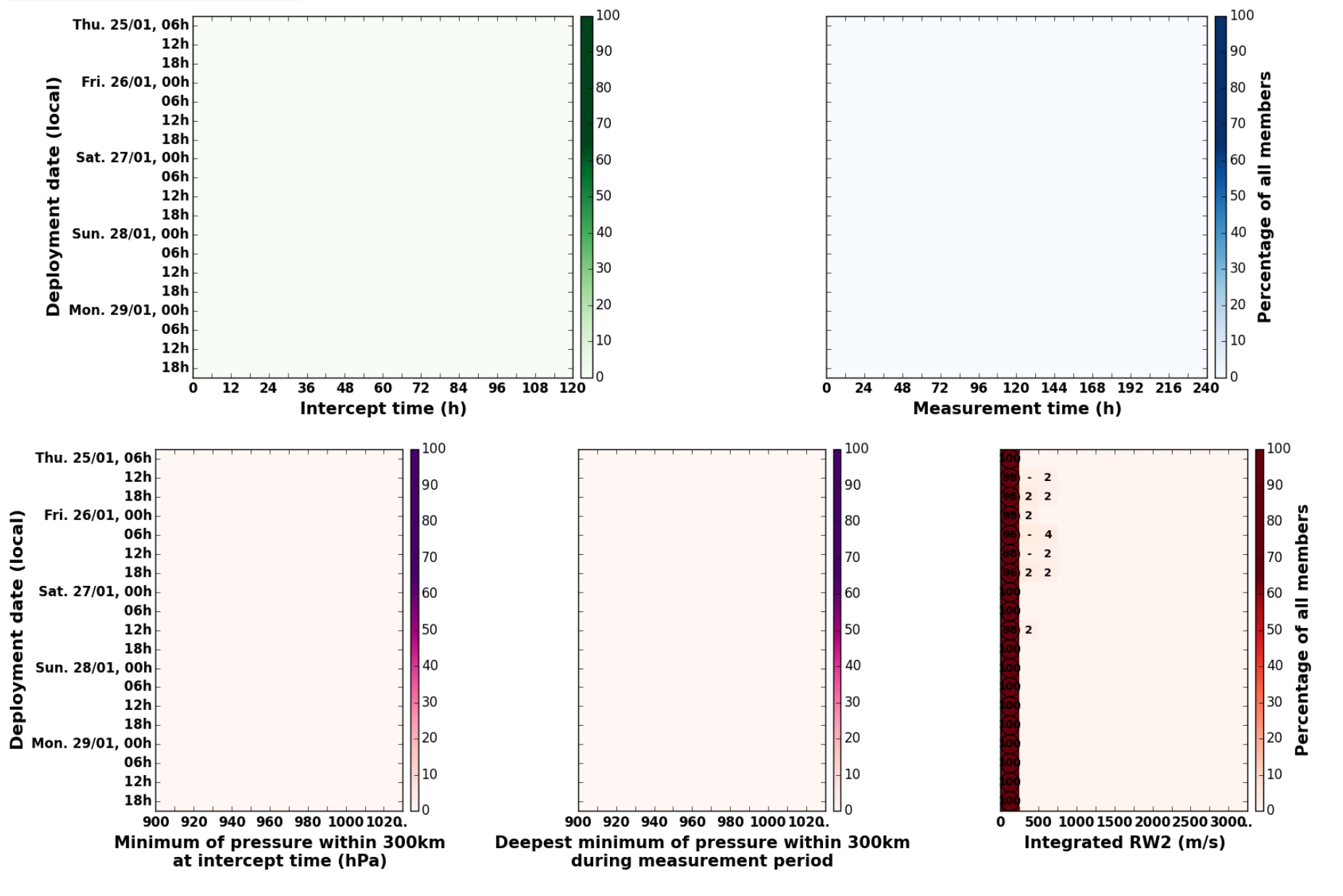
Percentage of flying ballons within a TC as a function of flight time



☐ Analysis
○ Deterministic forecast (HRES)
▨ Data not available

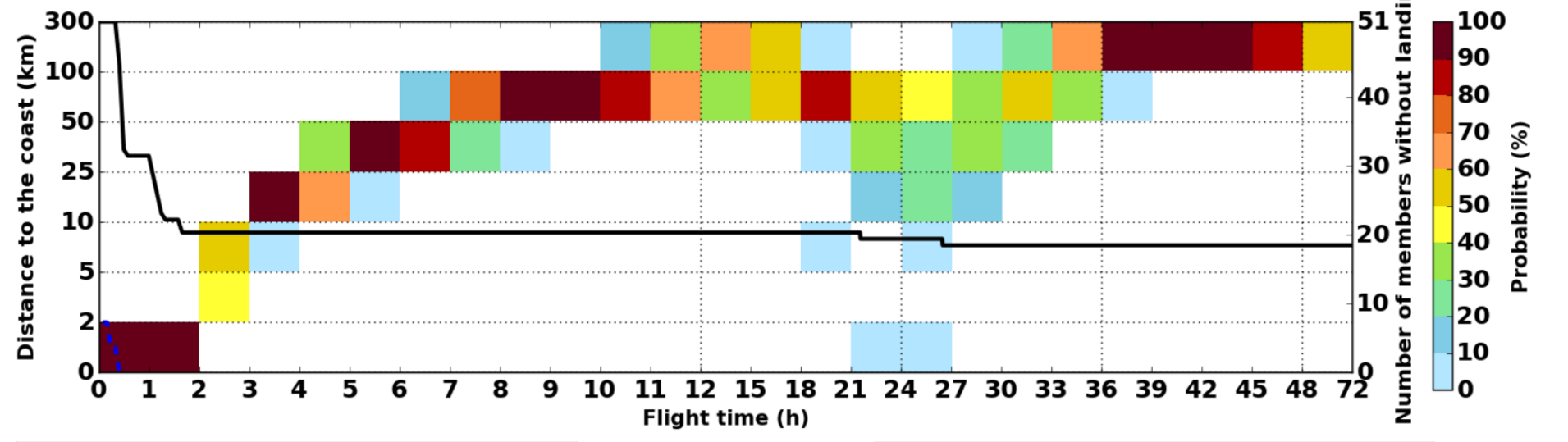
Forecast date: Wed. 24/01, 12h (UTC)

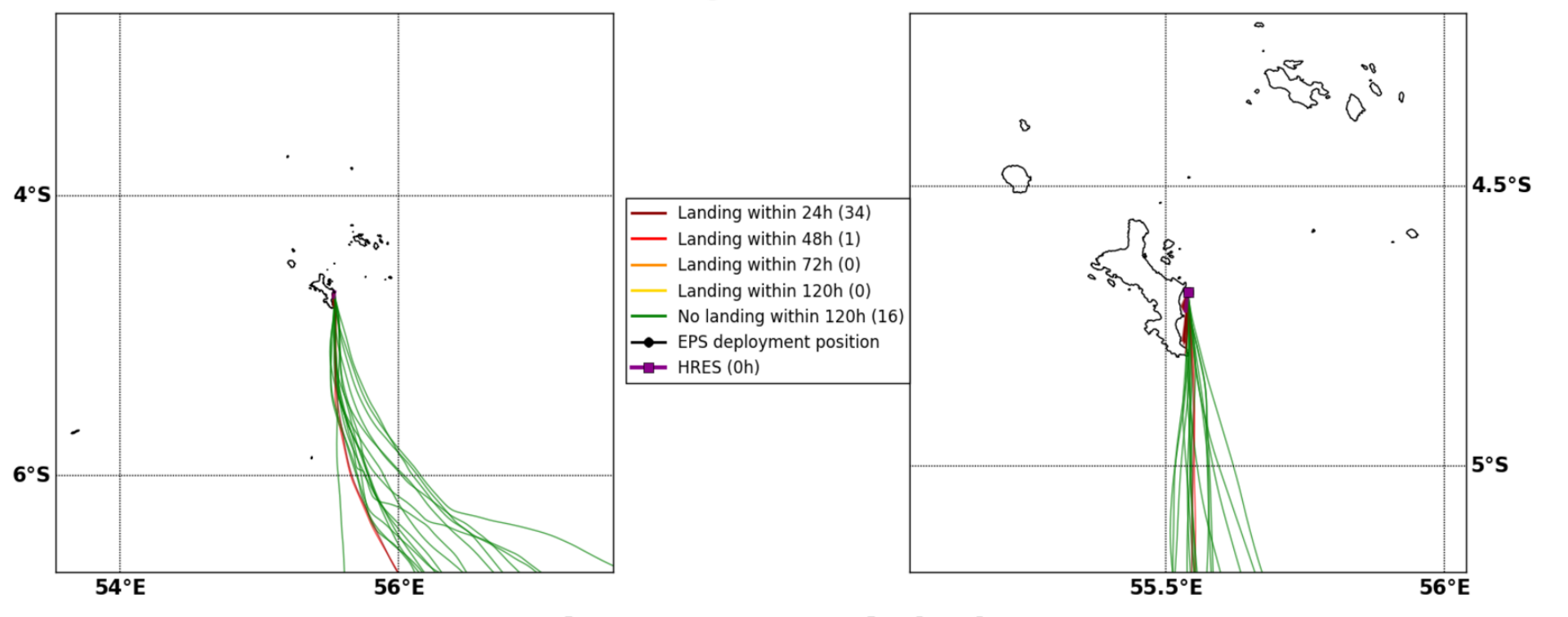
Site: Mahe
Speed function: U10_speed_Helikite_3
Method: Trochoid (30/30km/h2)



Thu. 25/01, 06h (LT)

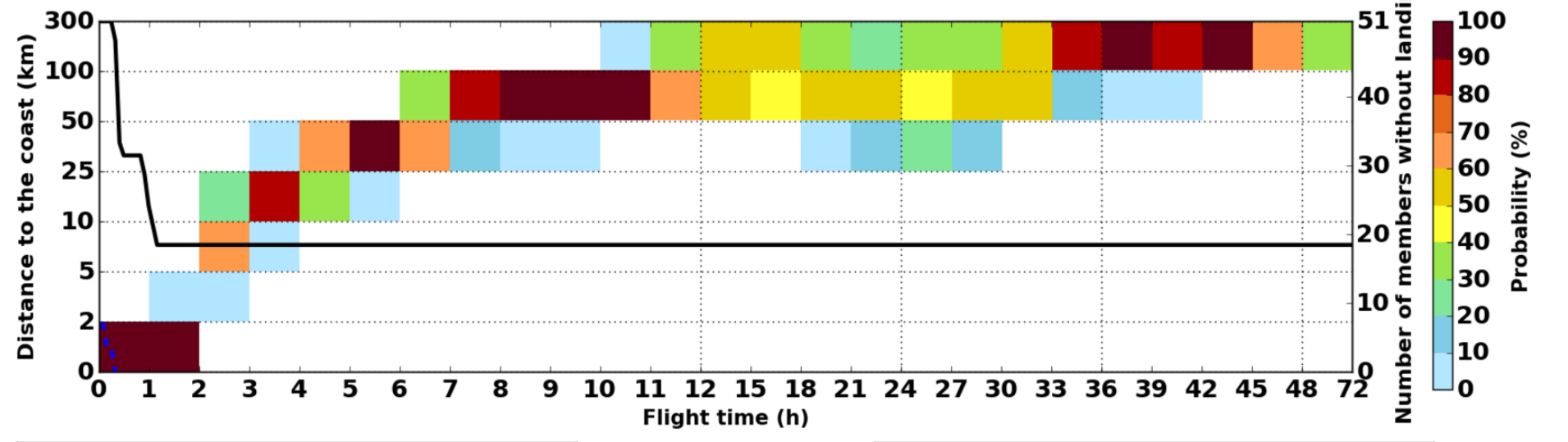
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Thu. 25/01, 02h (UTC)

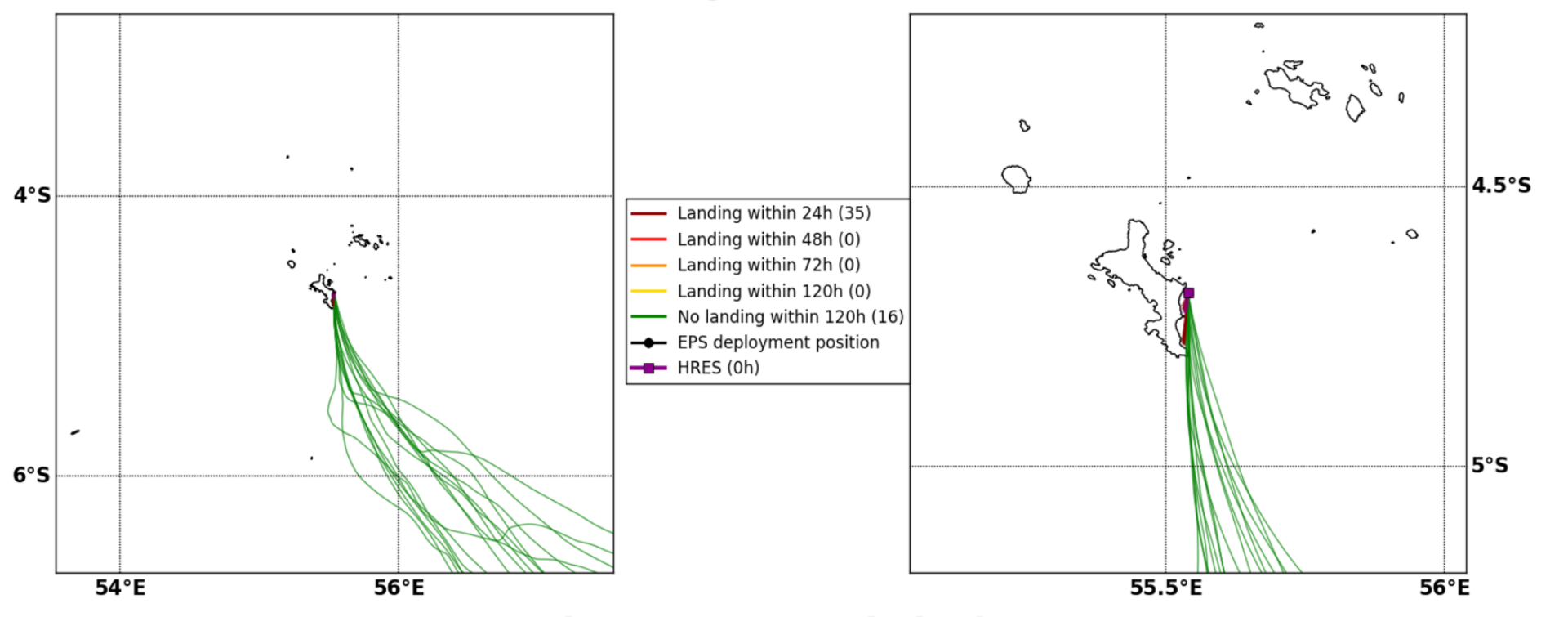



4°S
6°S
54°E
56°E
Landing within 24h (34)
Landing within 48h (1)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (16)
EPS deployment position
HRES (0h)
4.5°S
5°S
55.5°E
56°E

Thu. 25/01, 12h (LT)

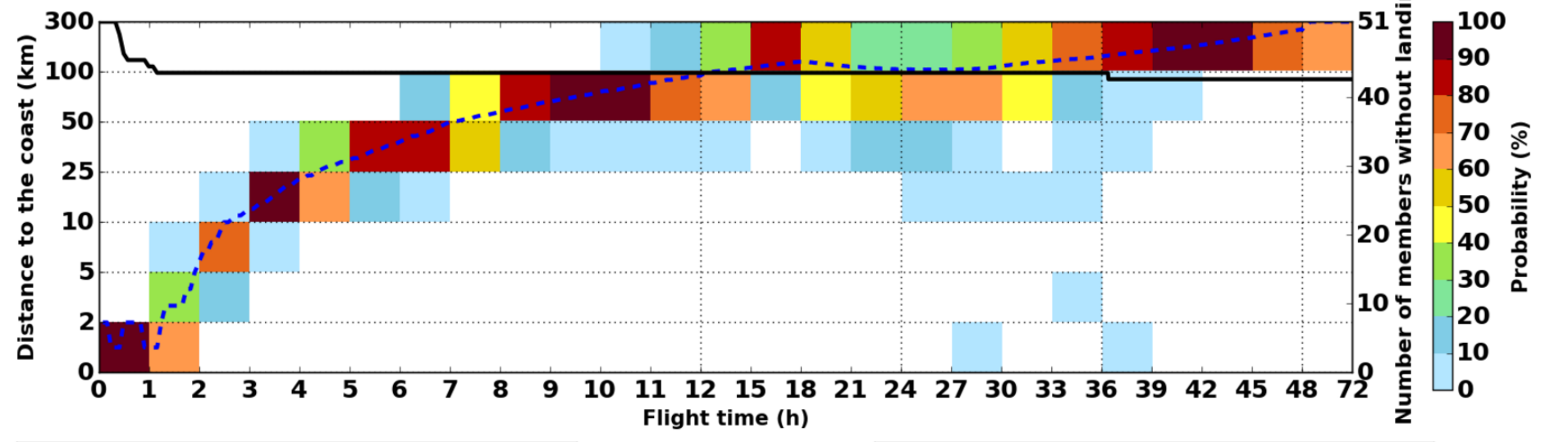
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Thu. 25/01, 08h (UTC)

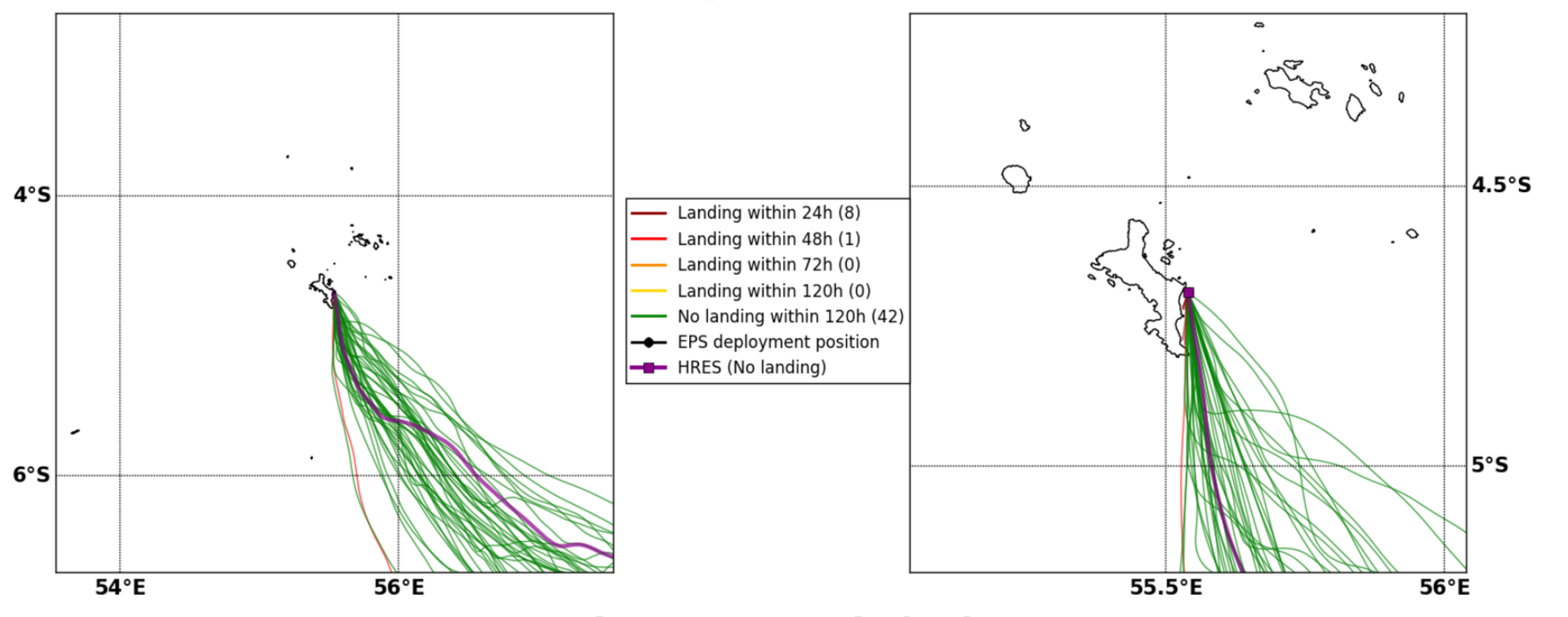



4°S
6°S
54°E
56°E
Landing within 24h (35)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (16)
EPS deployment position
HRES (0h)
4.5°S
5°S
55.5°E
56°E

Thu. 25/01, 18h (LT)

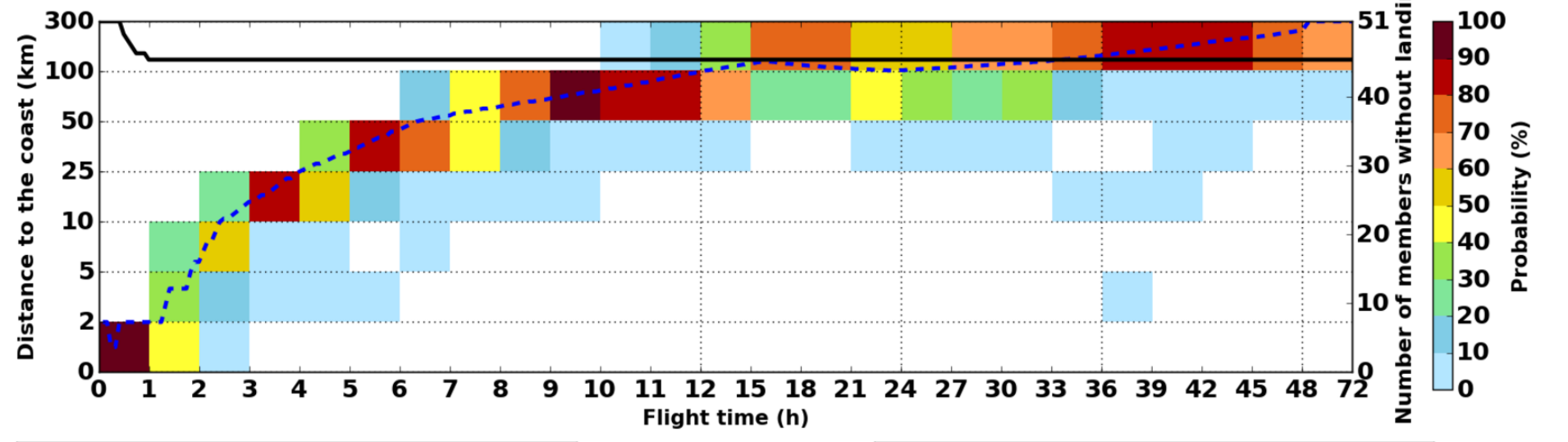
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Thu. 25/01, 14h (UTC)

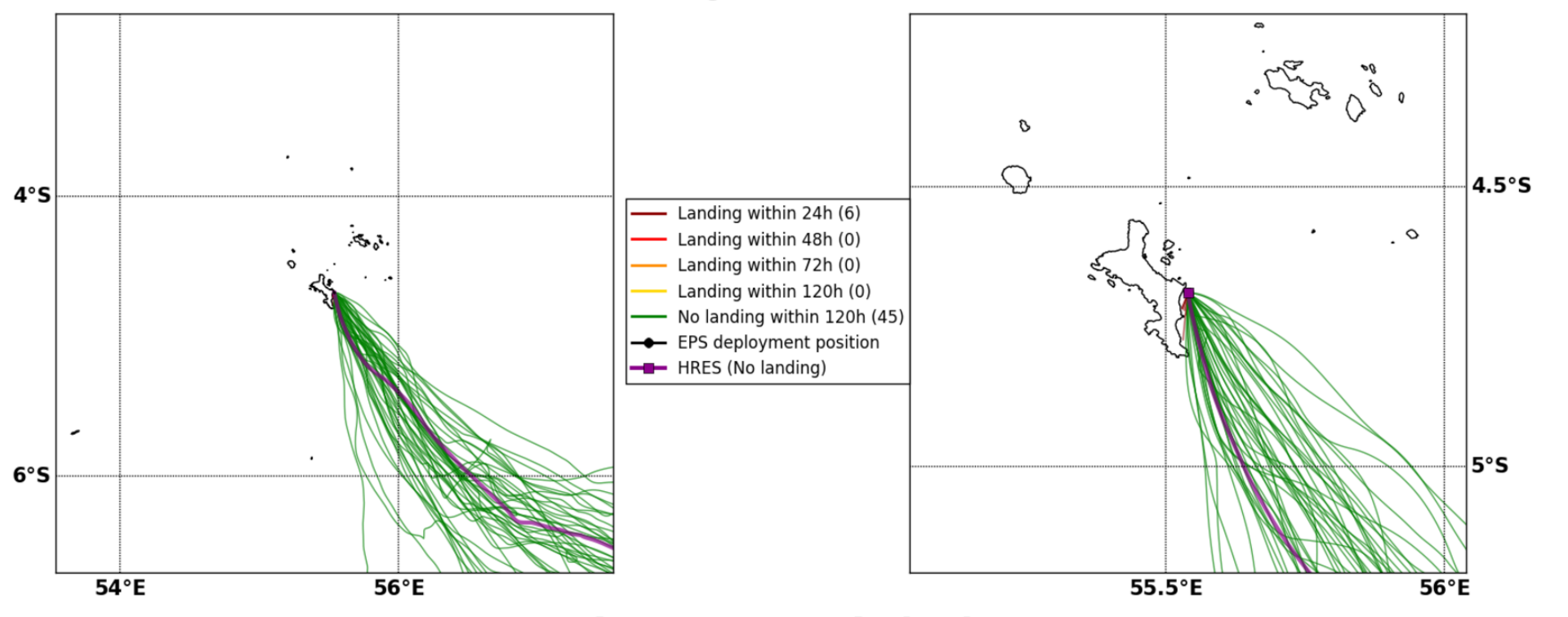



4°S
6°S
54°E
56°E
Landing within 24h (8)
Landing within 48h (1)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (42)
EPS deployment position
HRES (No landing)
4.5°S
5°S
55.5°E
56°E

Fri. 26/01, 00h (LT)

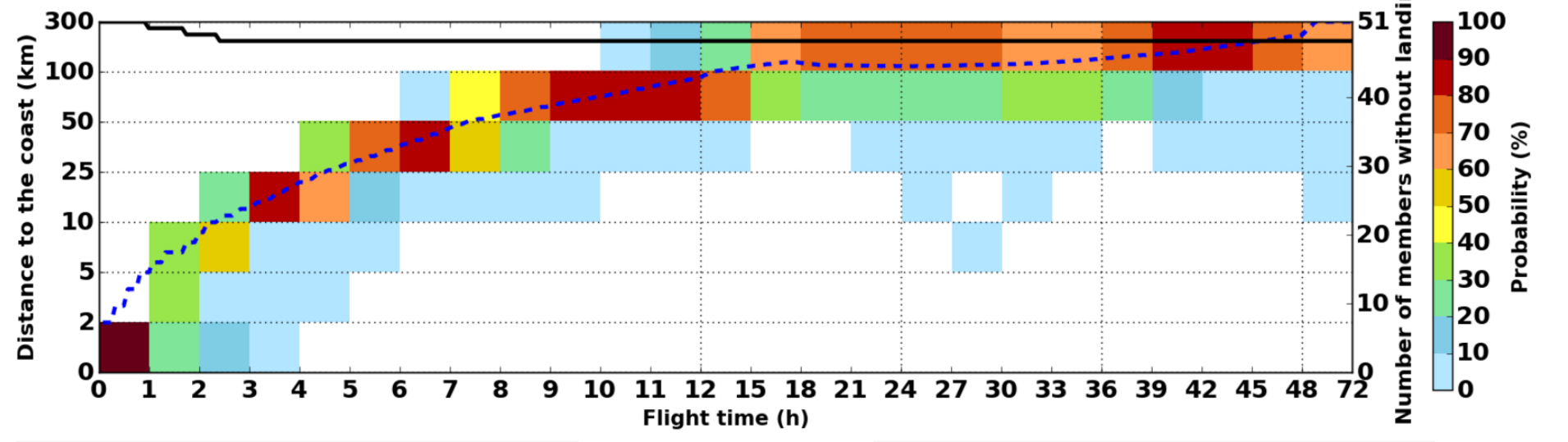
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Thu. 25/01, 20h (UTC)

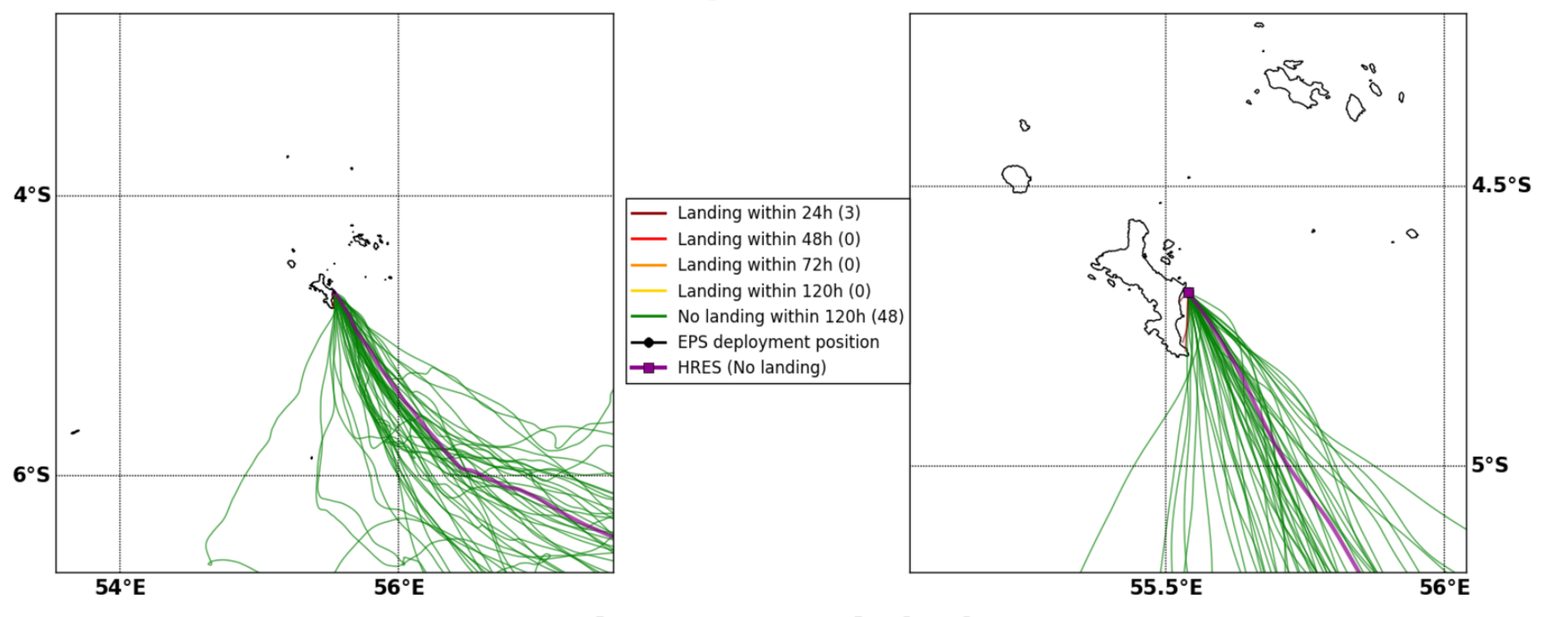



4°S
6°S
54°E
56°E
Landing within 24h (6)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (45)
EPS deployment position
HRES (No landing)
4.5°S
5°S
55.5°E
56°E

Fri. 26/01, 06h (LT)

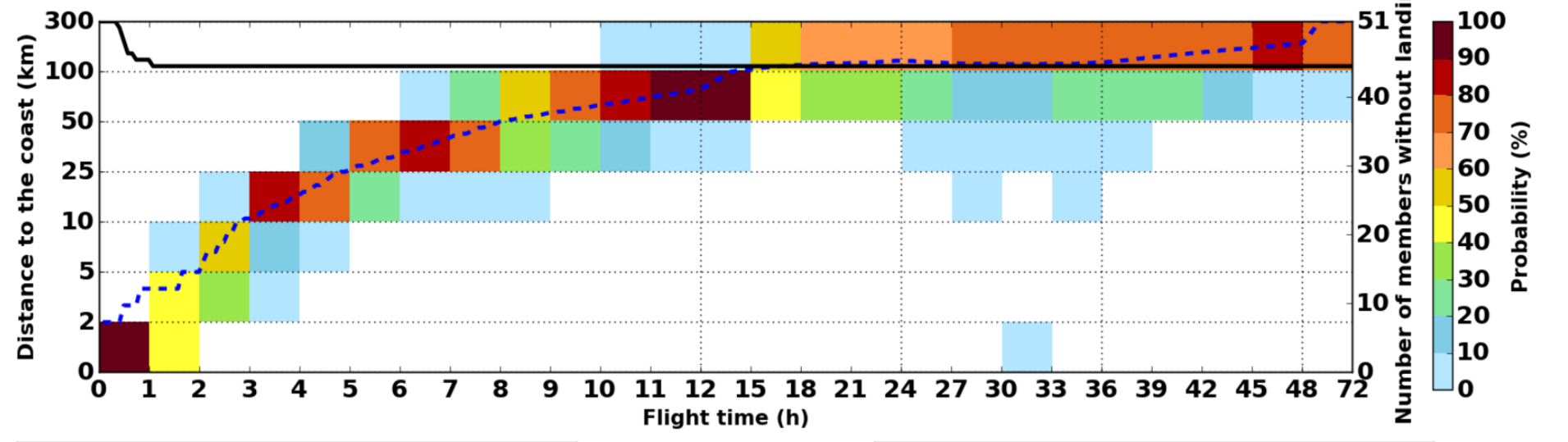
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Fri. 26/01, 02h (UTC)

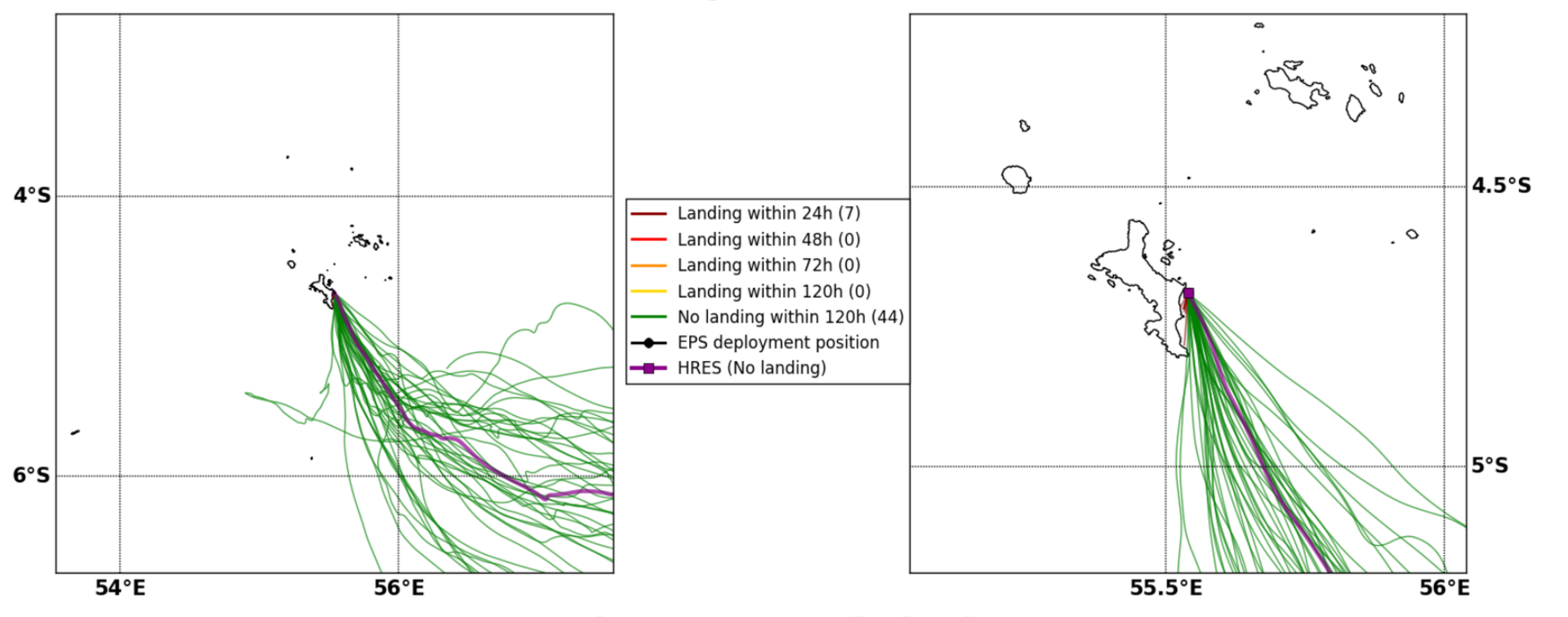



4°S
6°S
54°E
56°E
Landing within 24h (3)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (48)
EPS deployment position
HRES (No landing)
4.5°S
5°S
55.5°E
56°E

Fri. 26/01, 12h (LT)

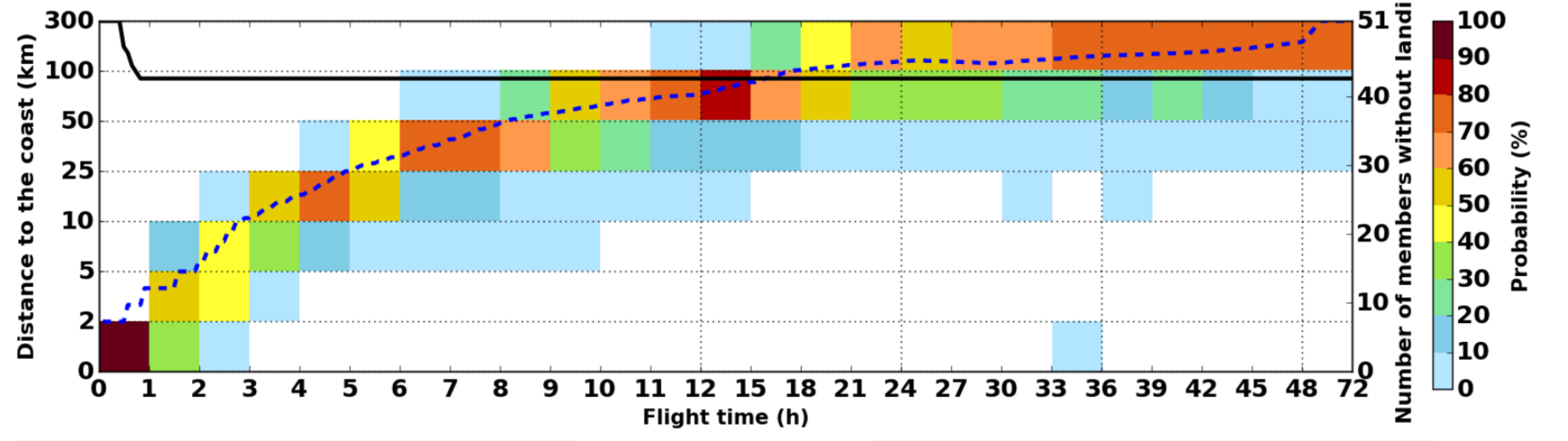
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Fri. 26/01, 08h (UTC)

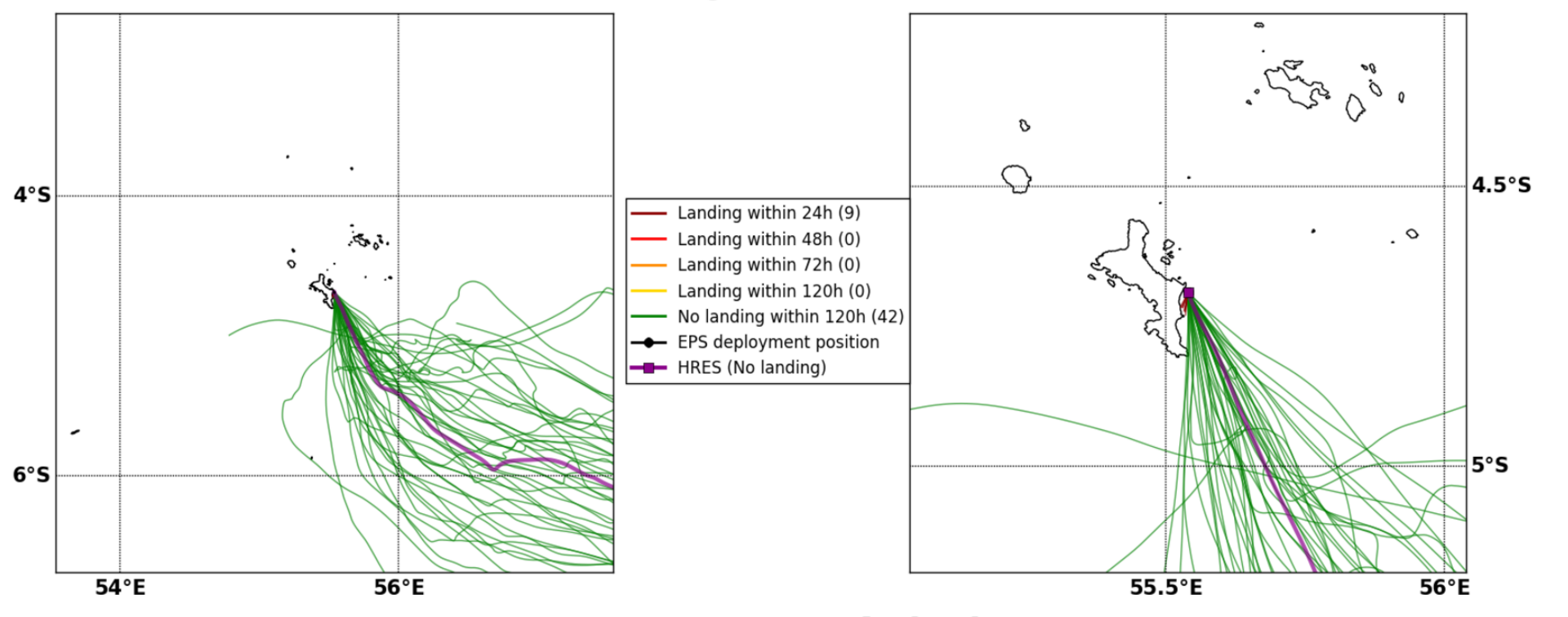



4°S
6°S
54°E
56°E
Landing within 24h (7)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (44)
EPS deployment position
HRES (No landing)
4.5°S
5°S
55.5°E
56°E

Fri. 26/01, 18h (LT)

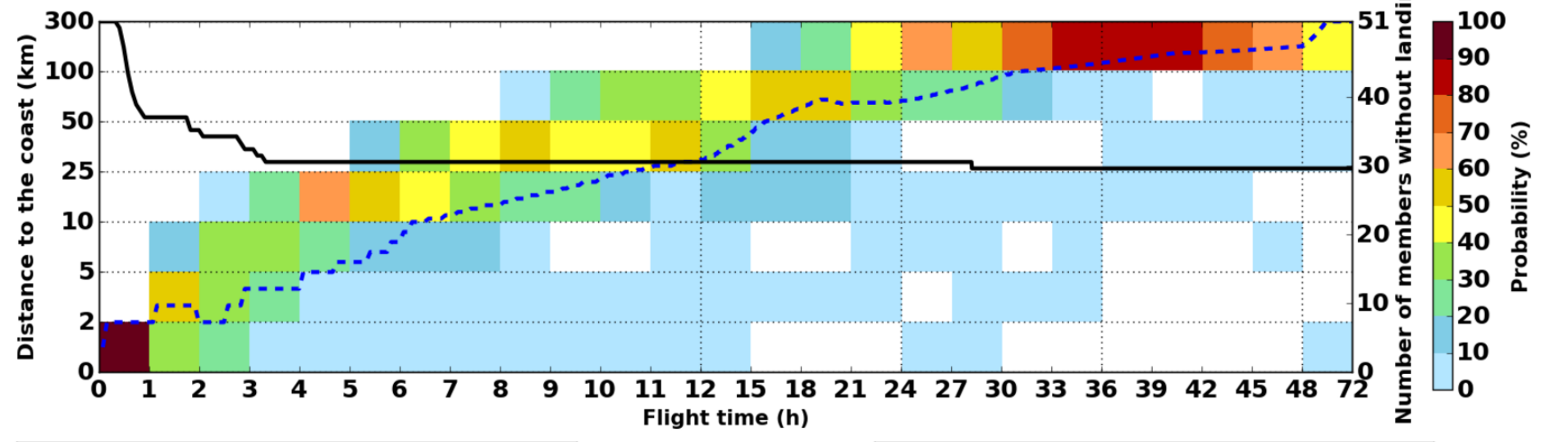
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Fri. 26/01, 14h (UTC)

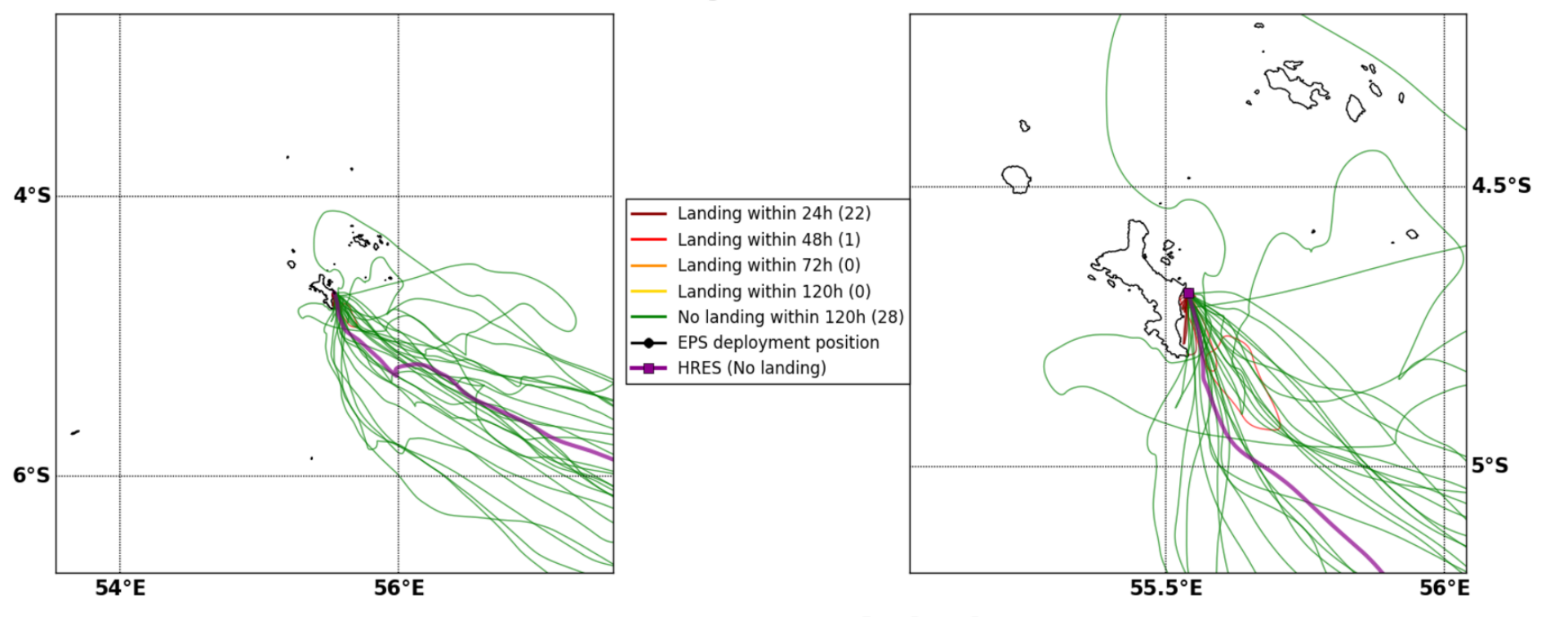



4°S
6°S
54°E
56°E
Landing within 24h (9)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (42)
EPS deployment position
HRES (No landing)
4.5°S
5°S
55.5°E
56°E

Sat. 27/01, 06h (LT)

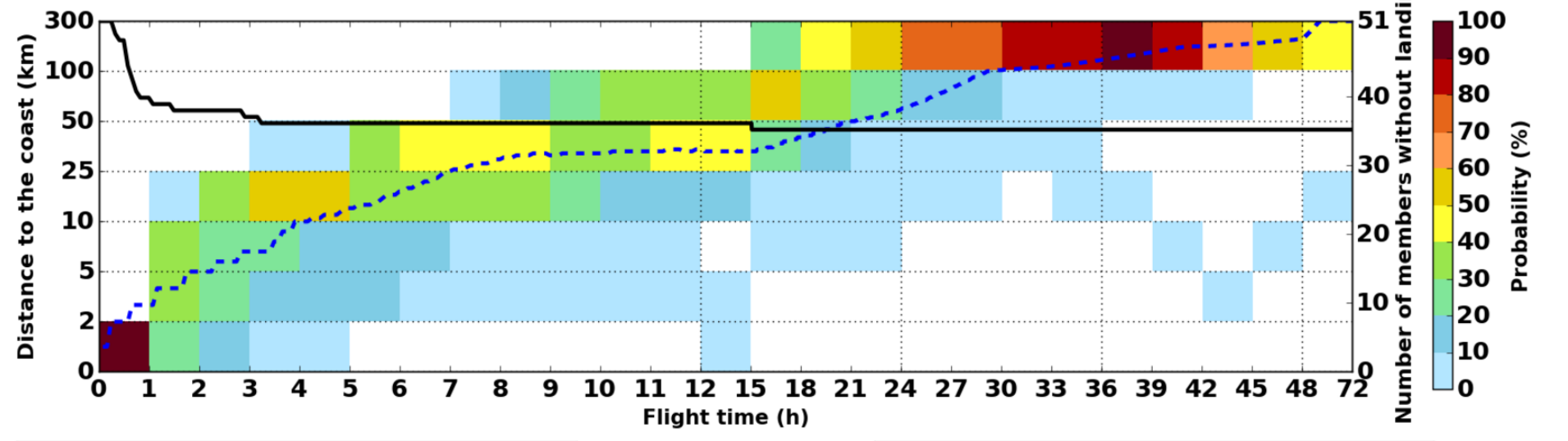
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sat. 27/01, 02h (UTC)

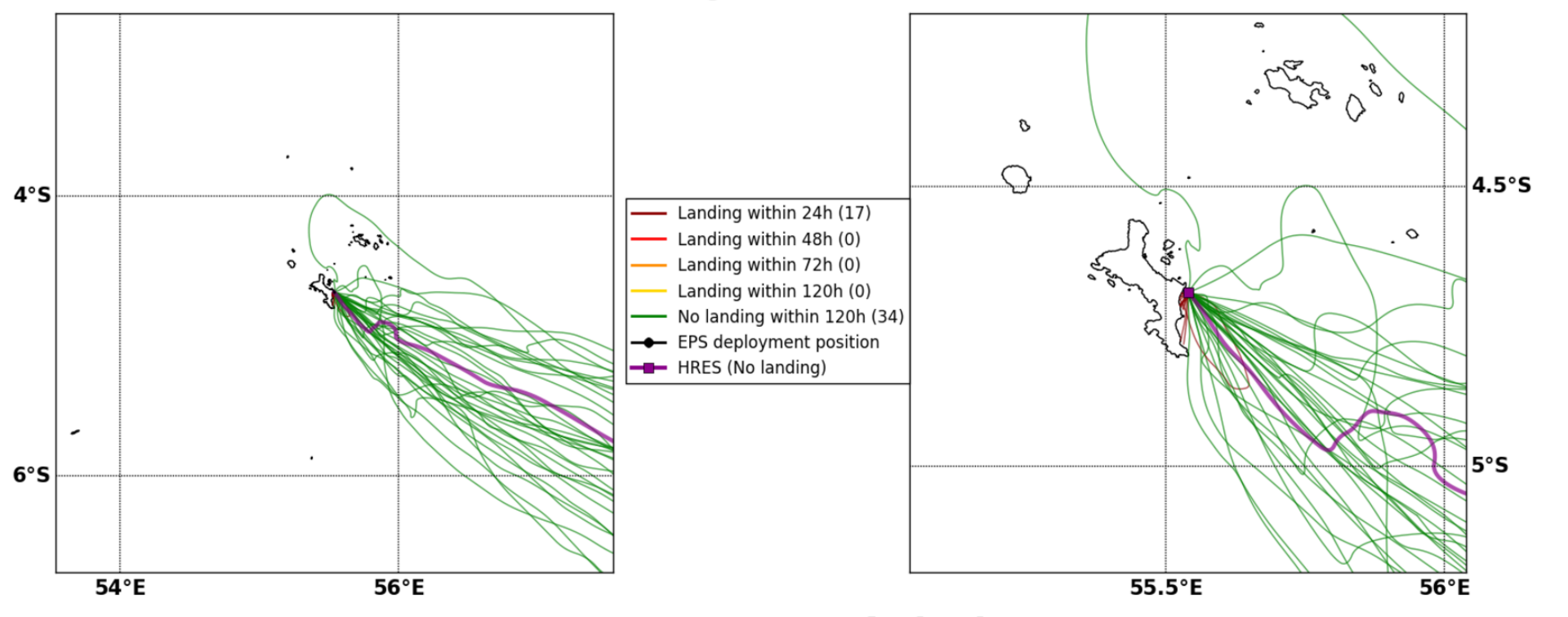



4°S
6°S
54°E
56°E
Landing within 24h (22)
Landing within 48h (1)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (28)
EPS deployment position
HRES (No landing)
4.5°S
5°S
55.5°E
56°E

Sat. 27/01, 18h (LT)

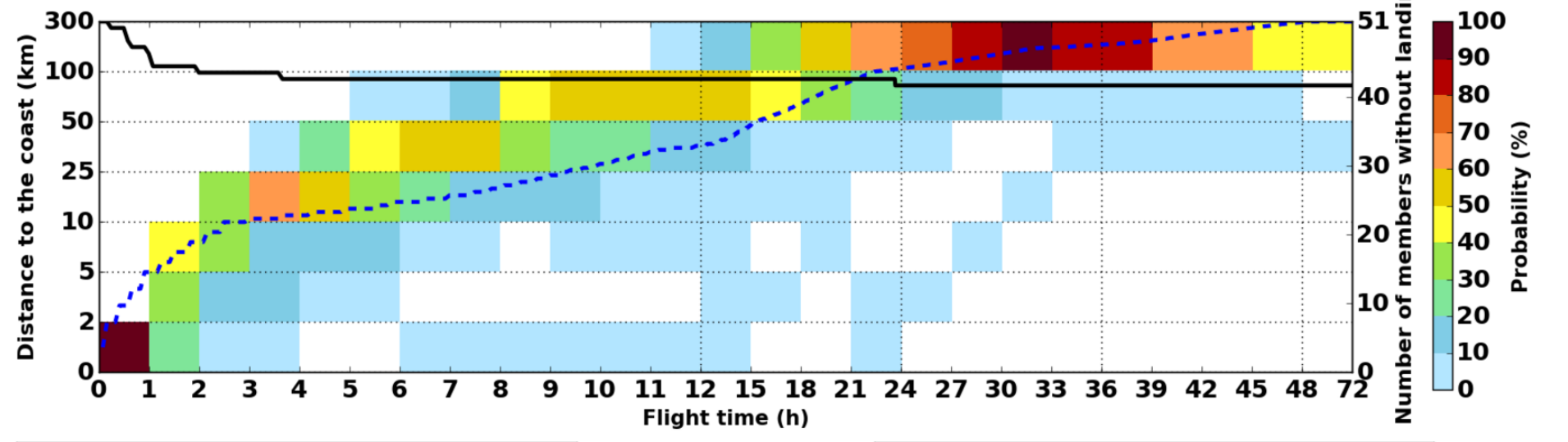
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sat. 27/01, 14h (UTC)

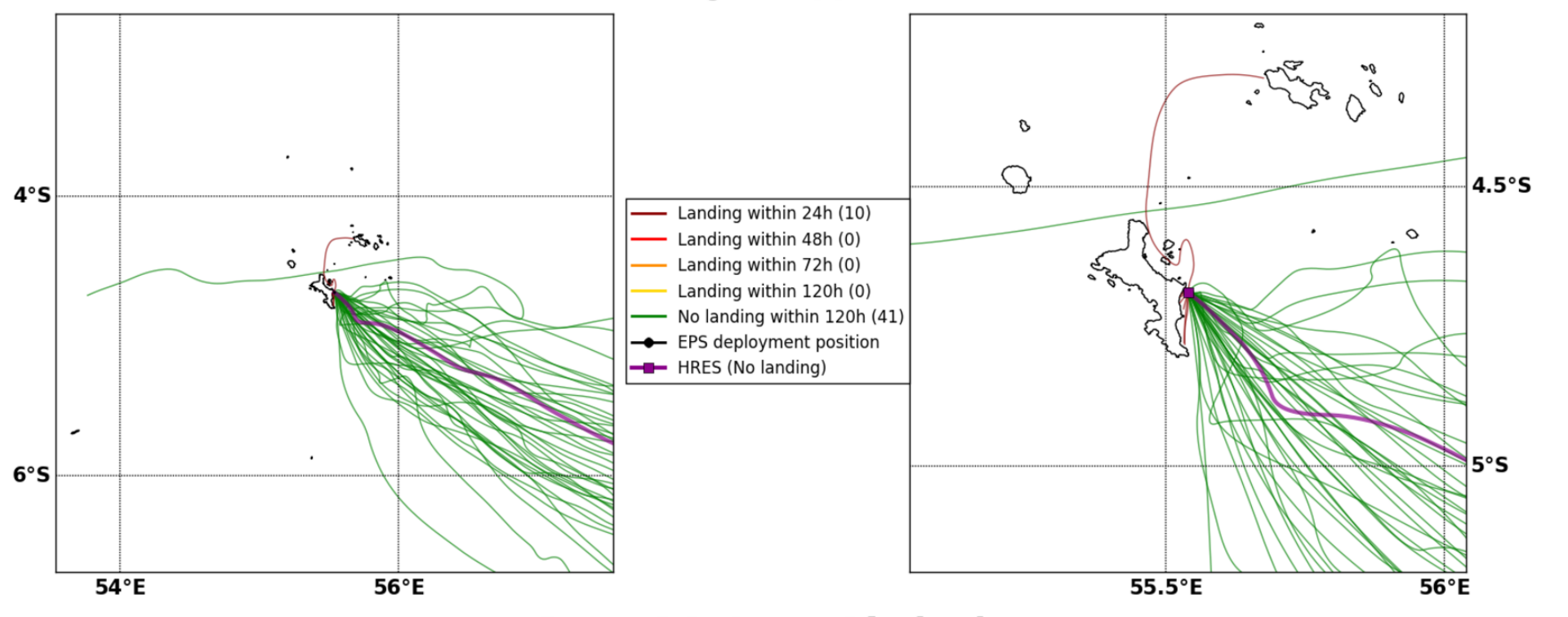



4°S
6°S
54°E
56°E
Landing within 24h (17)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (34)
EPS deployment position
HRES (No landing)
4.5°S
5°S
55.5°E
56°E

Sun. 28/01, 06h (LT)

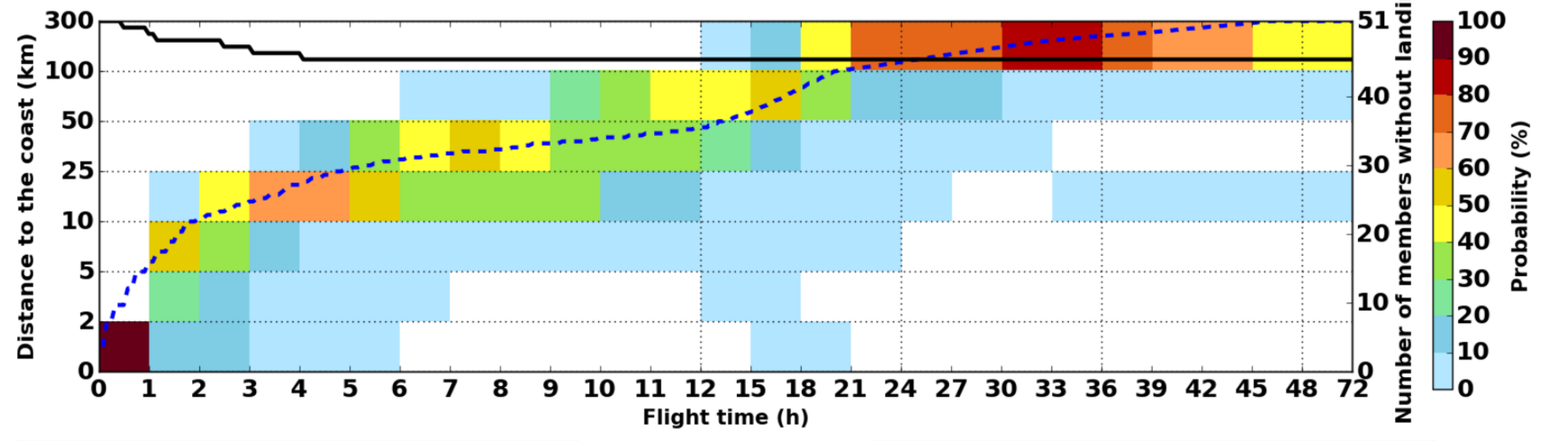
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sun. 28/01, 02h (UTC)

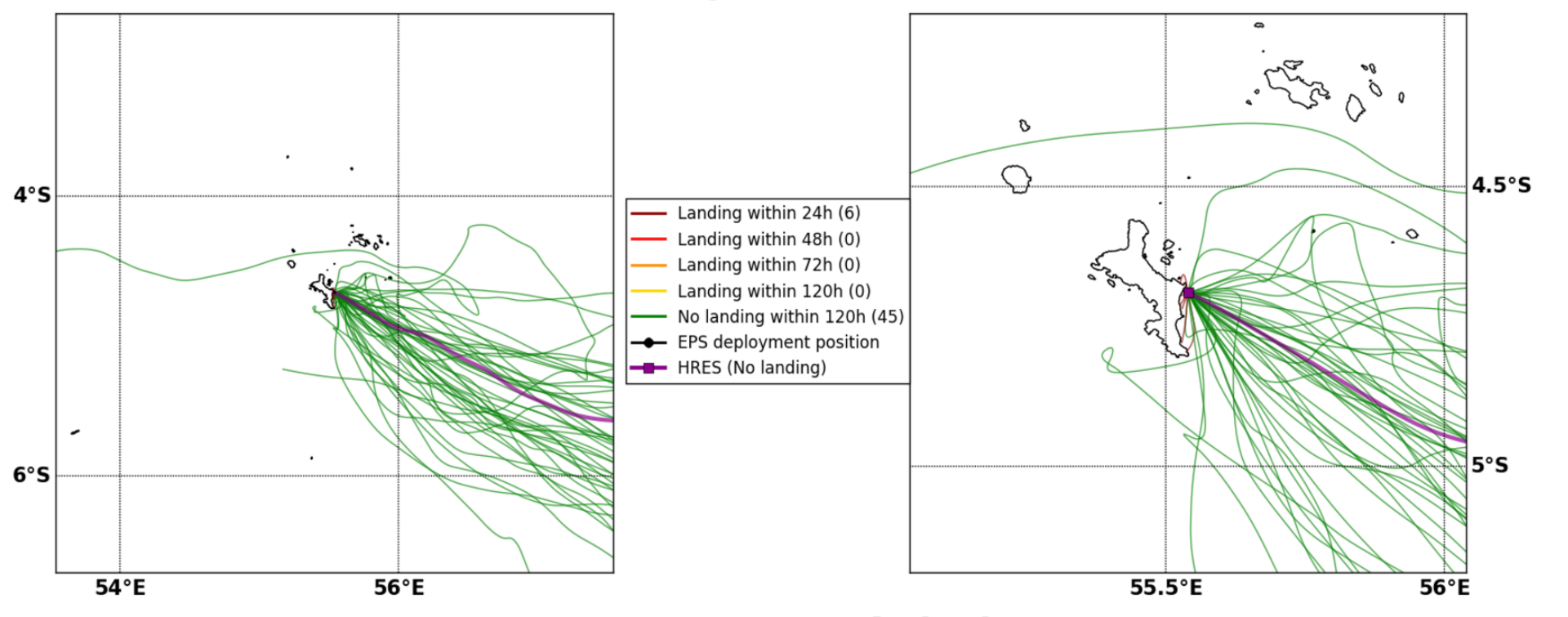



4°S
6°S
54°E
56°E
Landing within 24h (10)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (41)
EPS deployment position
HRES (No landing)
4.5°S
5°S
55.5°E
56°E

Sun. 28/01, 18h (LT)

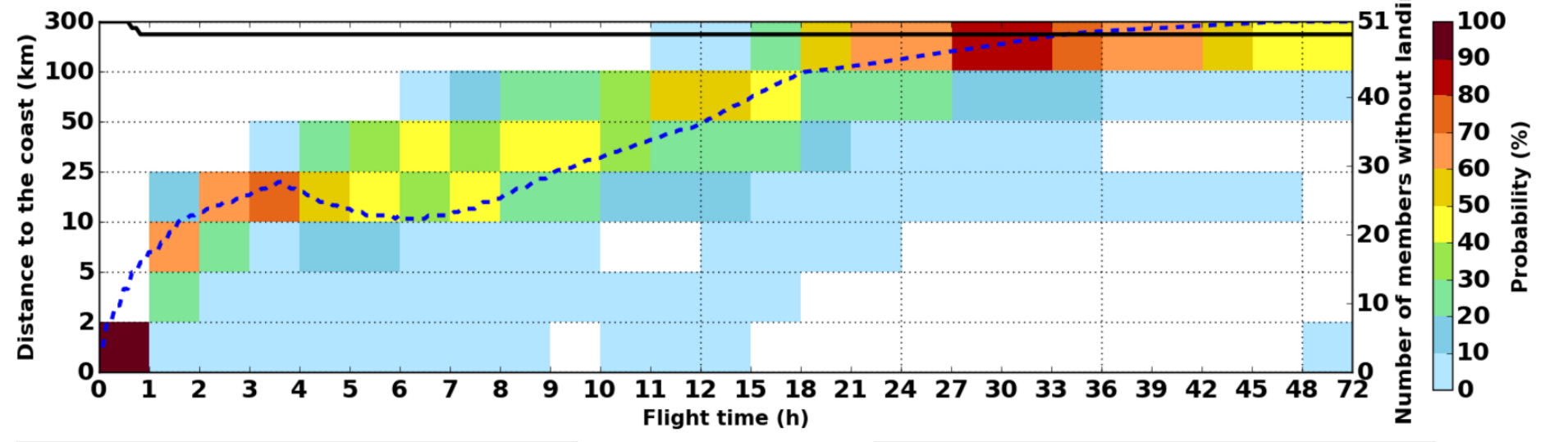
Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sun. 28/01, 14h (UTC)

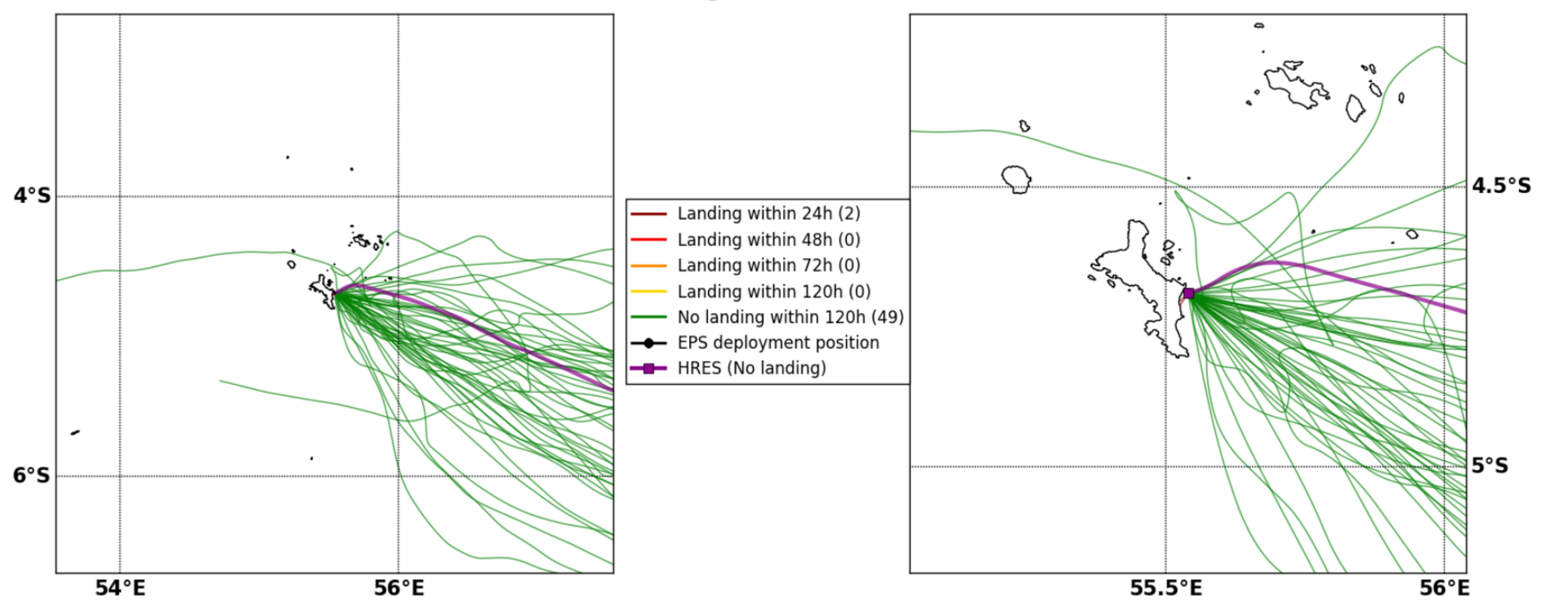



4°S
6°S
54°E
56°E
Landing within 24h (6)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (45)
EPS deployment position
HRES (No landing)
4.5°S
5°S
55.5°E
56°E

Mon. 29/01, 18h (LT)

Forecast date: Wed. 24/01, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Mon. 29/01, 14h (UTC)




4°S
6°S
54°E
56°E
Landing within 24h (2)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (49)
EPS deployment position
HRES (No landing)
4.5°S
5°S
55.5°E
56°E