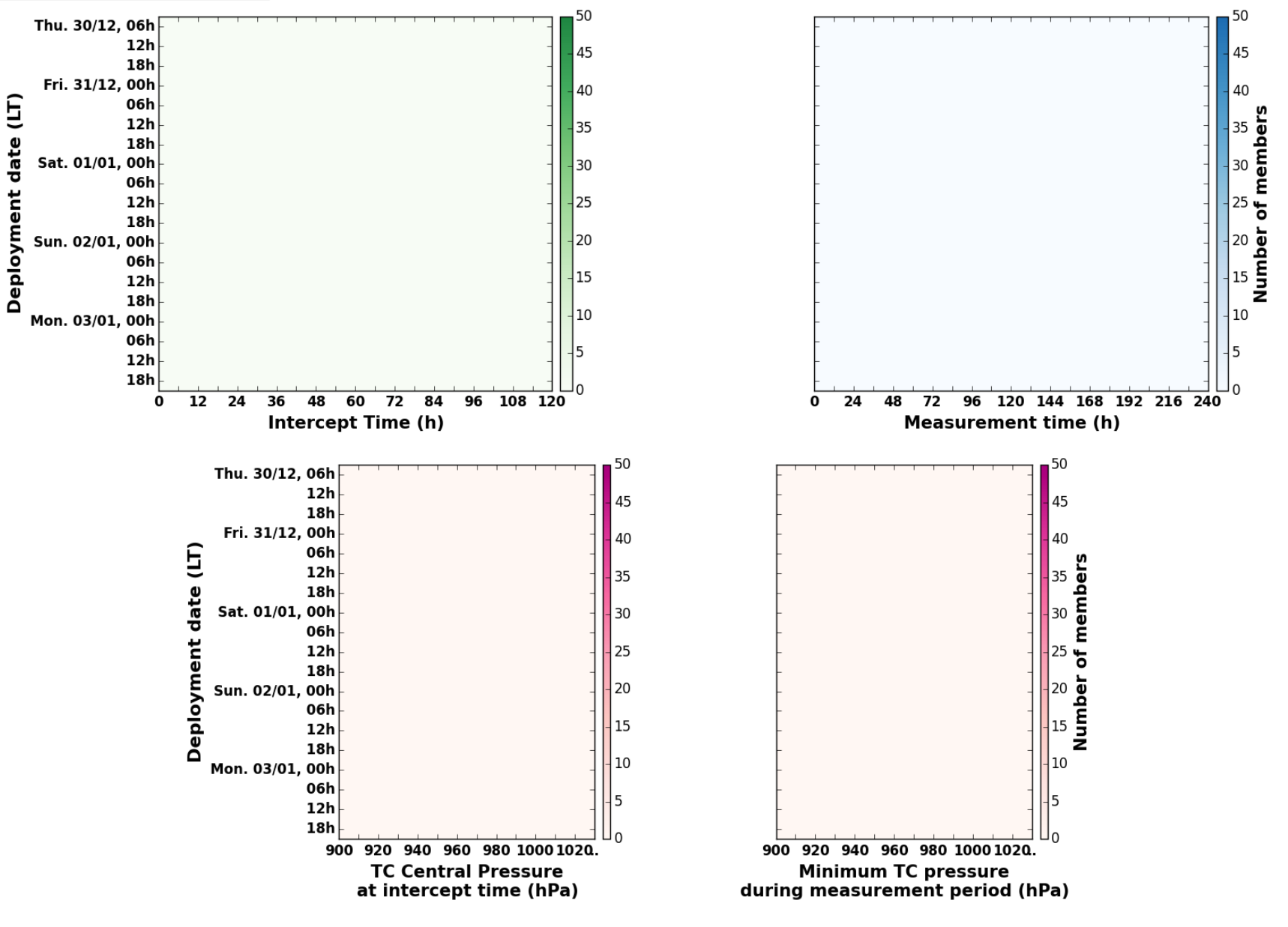
☐ Analysis
○ Deterministic forecast (HRES)
▨ Data not available

Forecast date: Wed. 29/12, 12h (UTC)

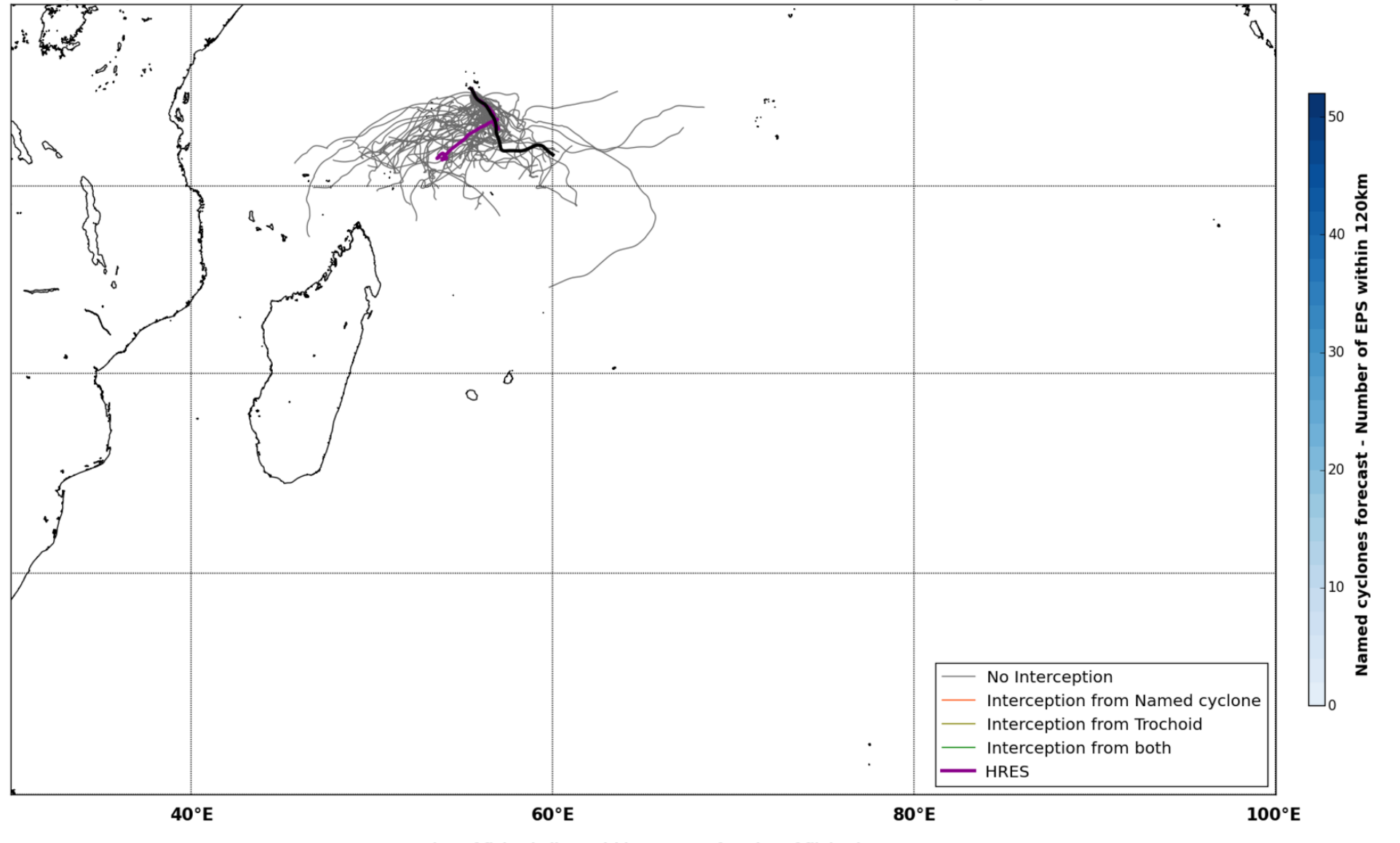
Site: Mahe
Speed function: Theorical Helikite
Method: Named cyclones (300km)



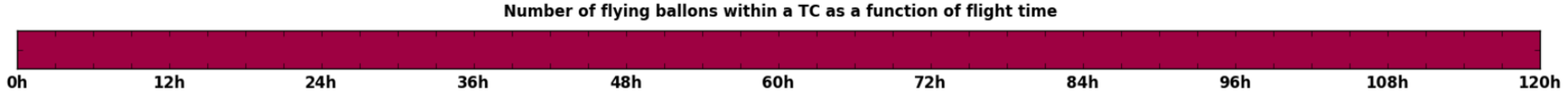
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2

Thu. 30/12, 06h (LT)

Site: Mahe
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Thu. 30/12, 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

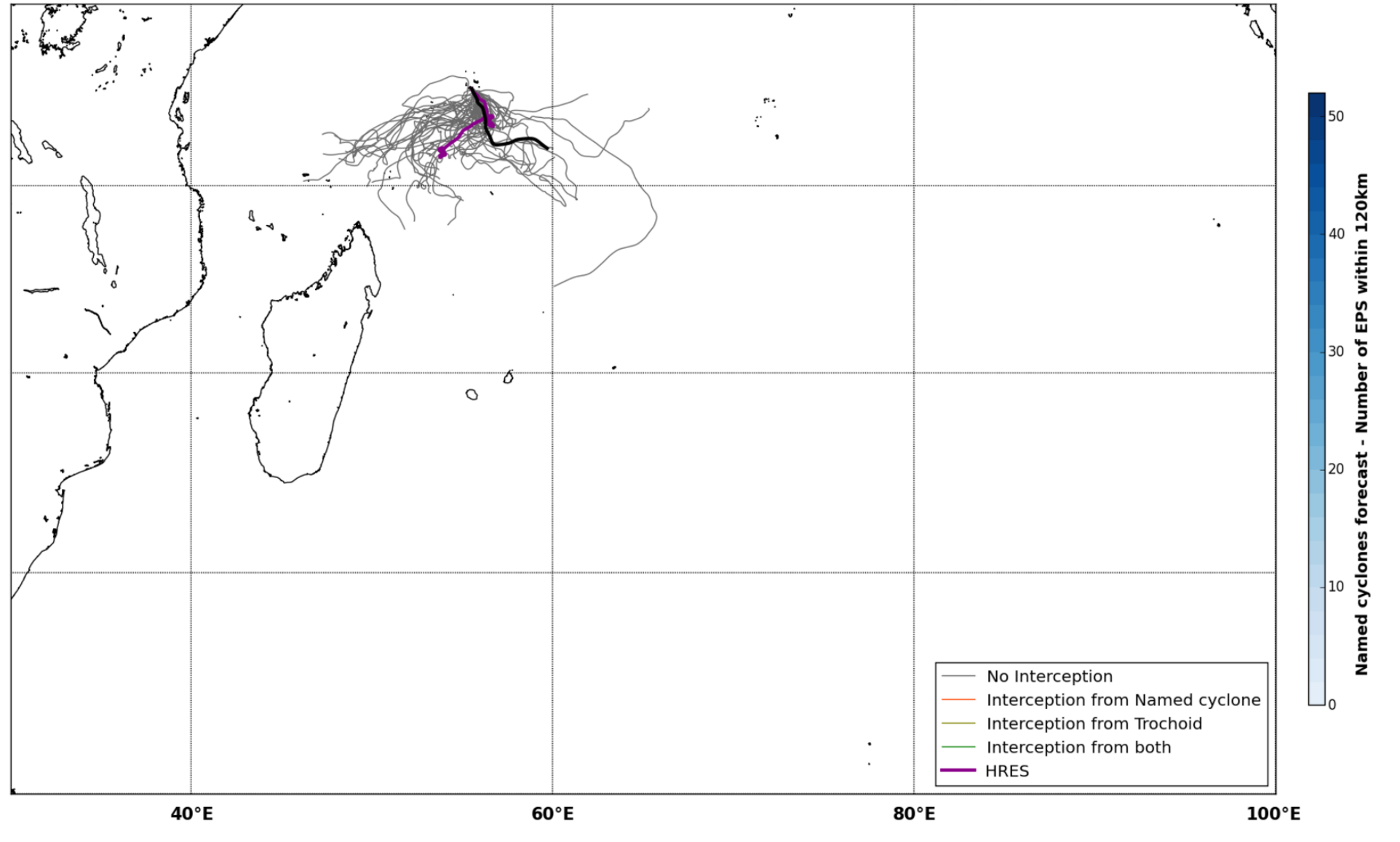
Number of flying ballons within a TC as a function of flight time



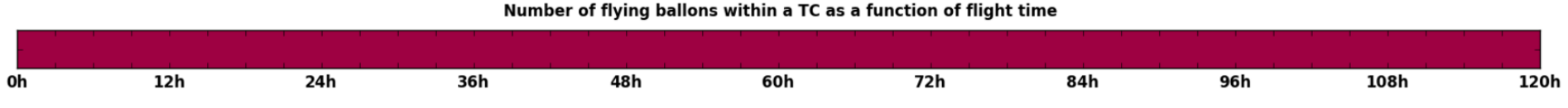
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2

Thu. 30/12, 12h (LT)

Site: Mahe
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Thu. 30/12, 08h (UTC)


No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km

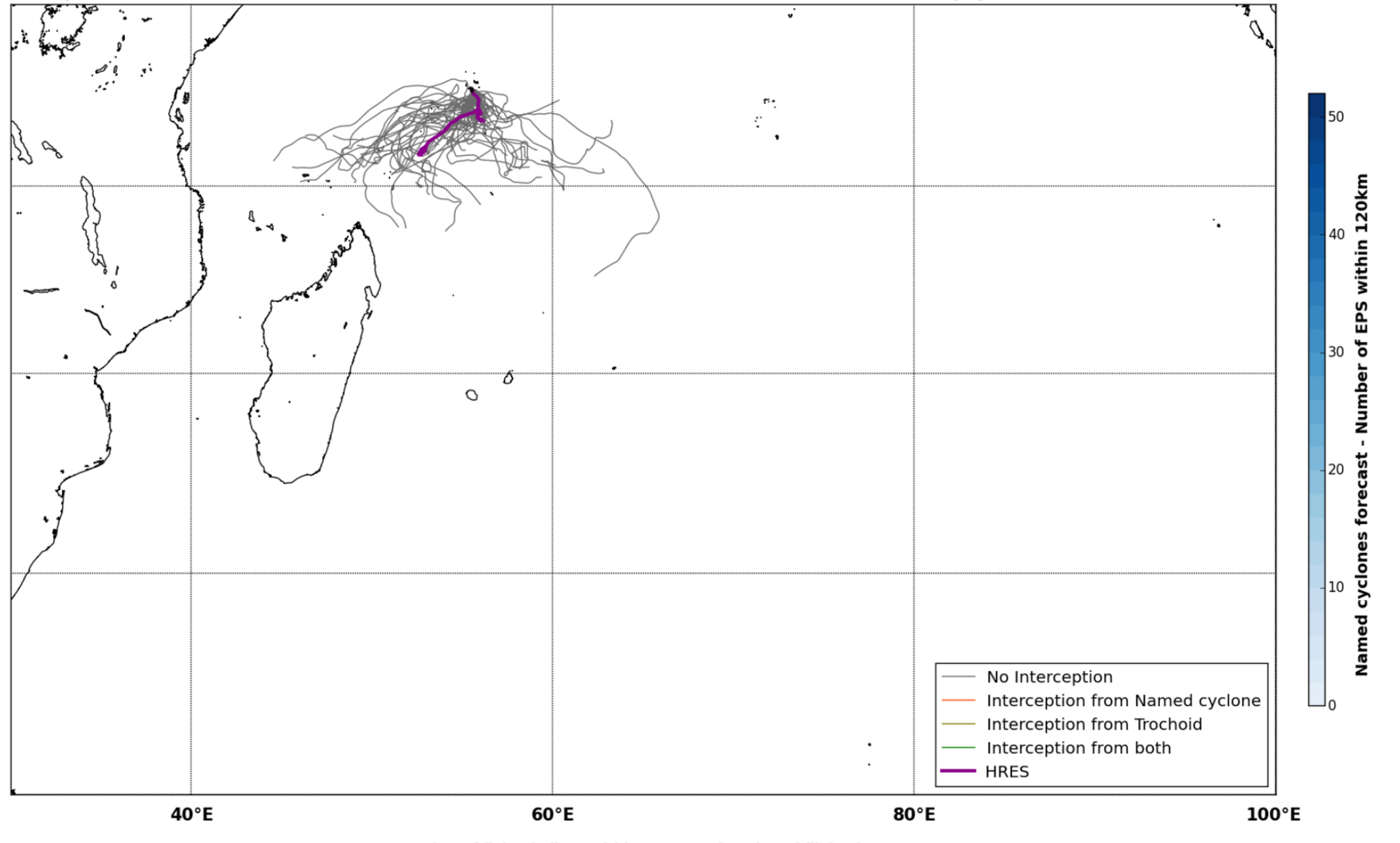
Number of flying ballons within a TC as a function of flight time



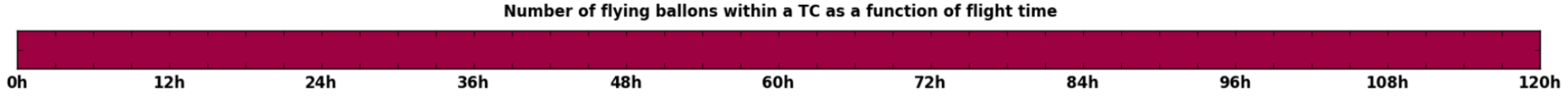
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2

Thu. 30/12, 18h (LT)

Site: Mahe
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Thu. 30/12, 14h (UTC)


No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km

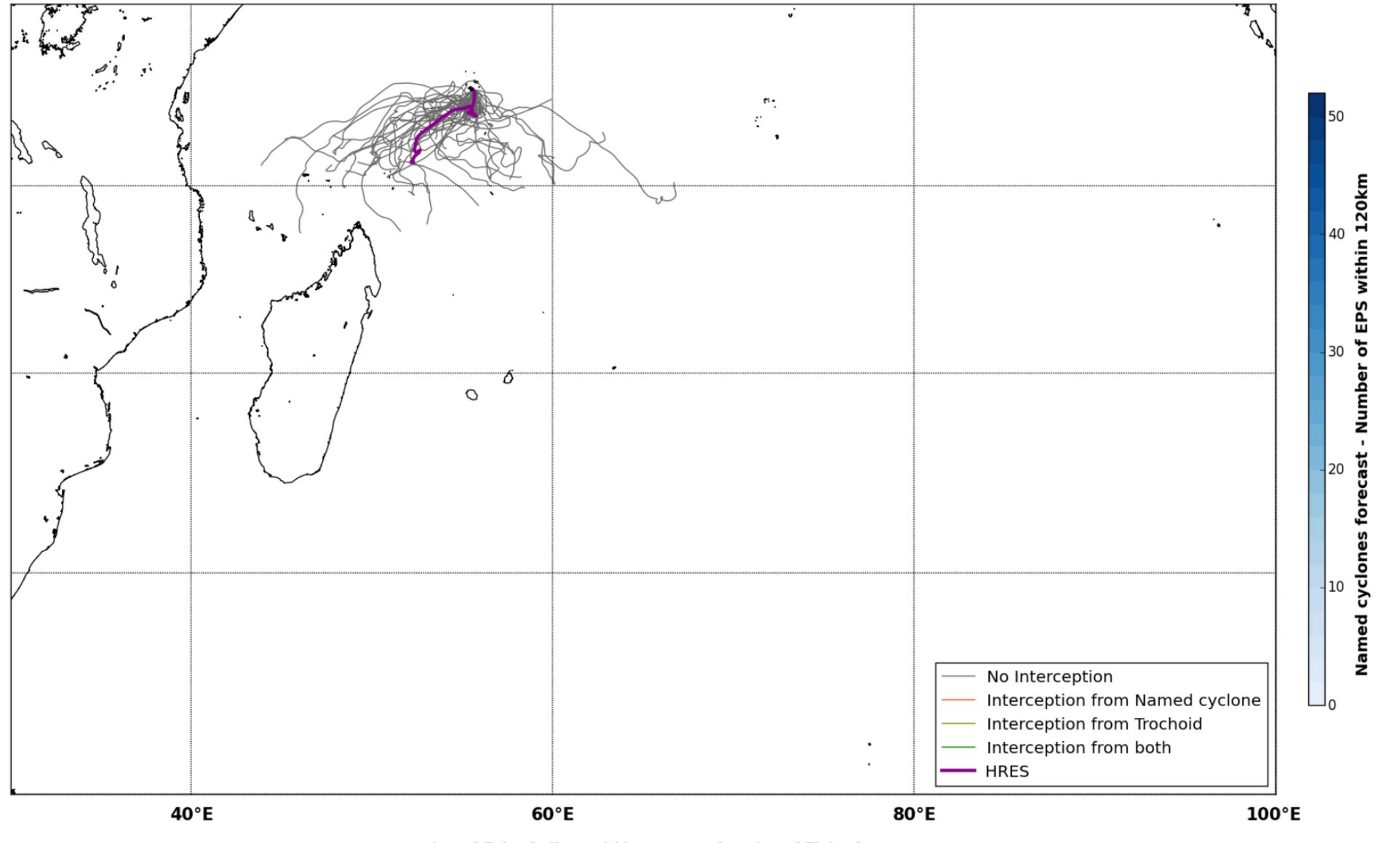
Number of flying ballons within a TC as a function of flight time



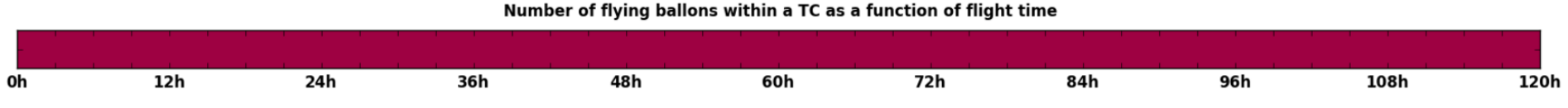
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2

Fri. 31/12, 00h (LT)

Site: Mahe
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Thu. 30/12, 20h (UTC)


No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km

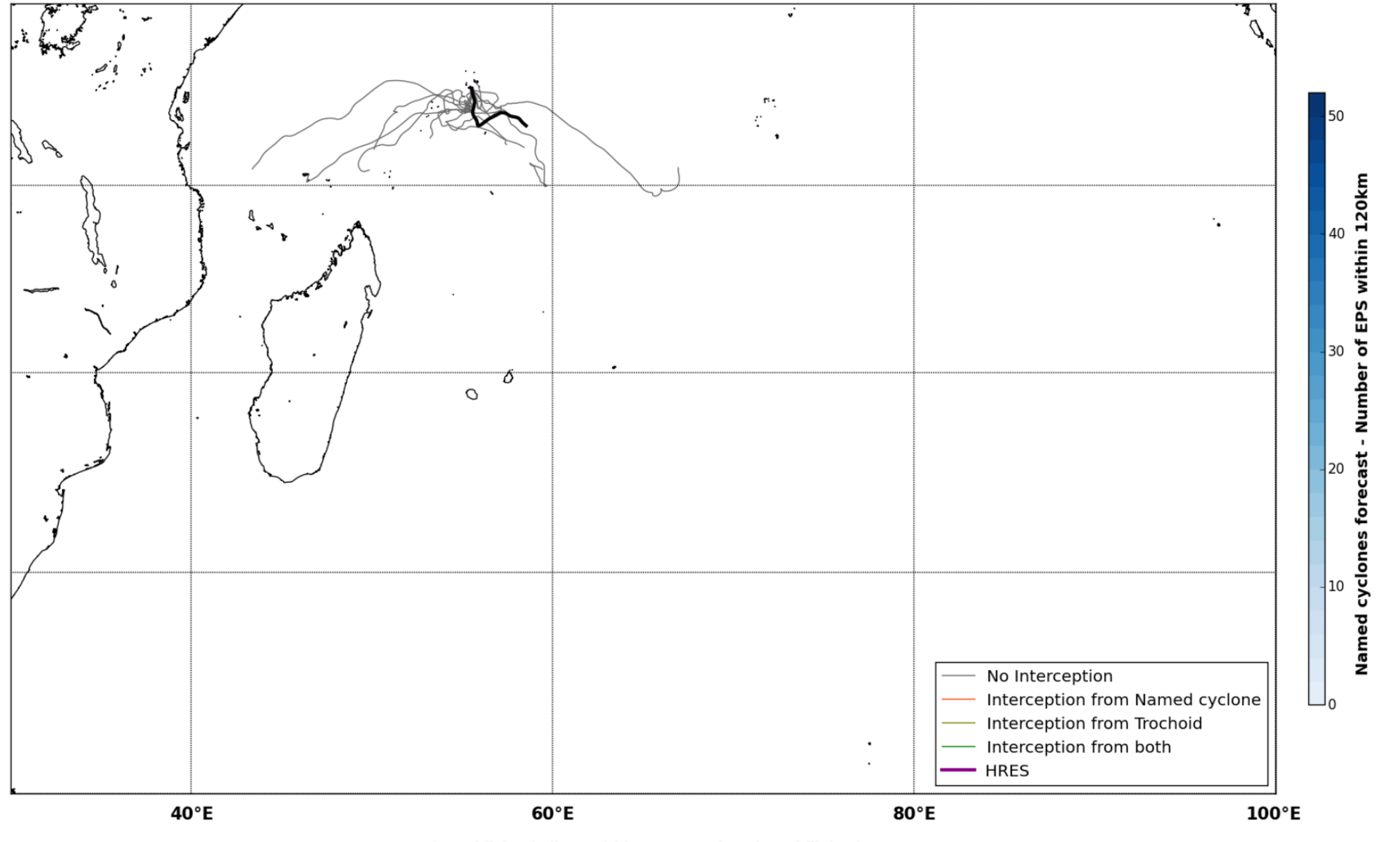
Number of flying ballons within a TC as a function of flight time



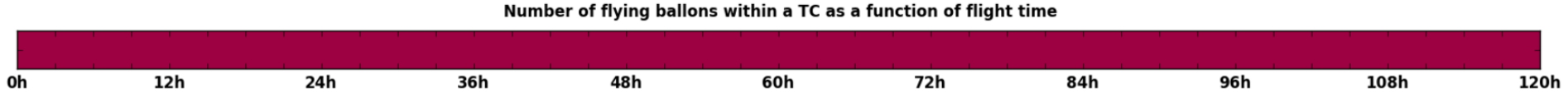
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2

Fri. 31/12, 06h (LT)

Site: Mahe
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Fri. 31/12, 02h (UTC)


No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km

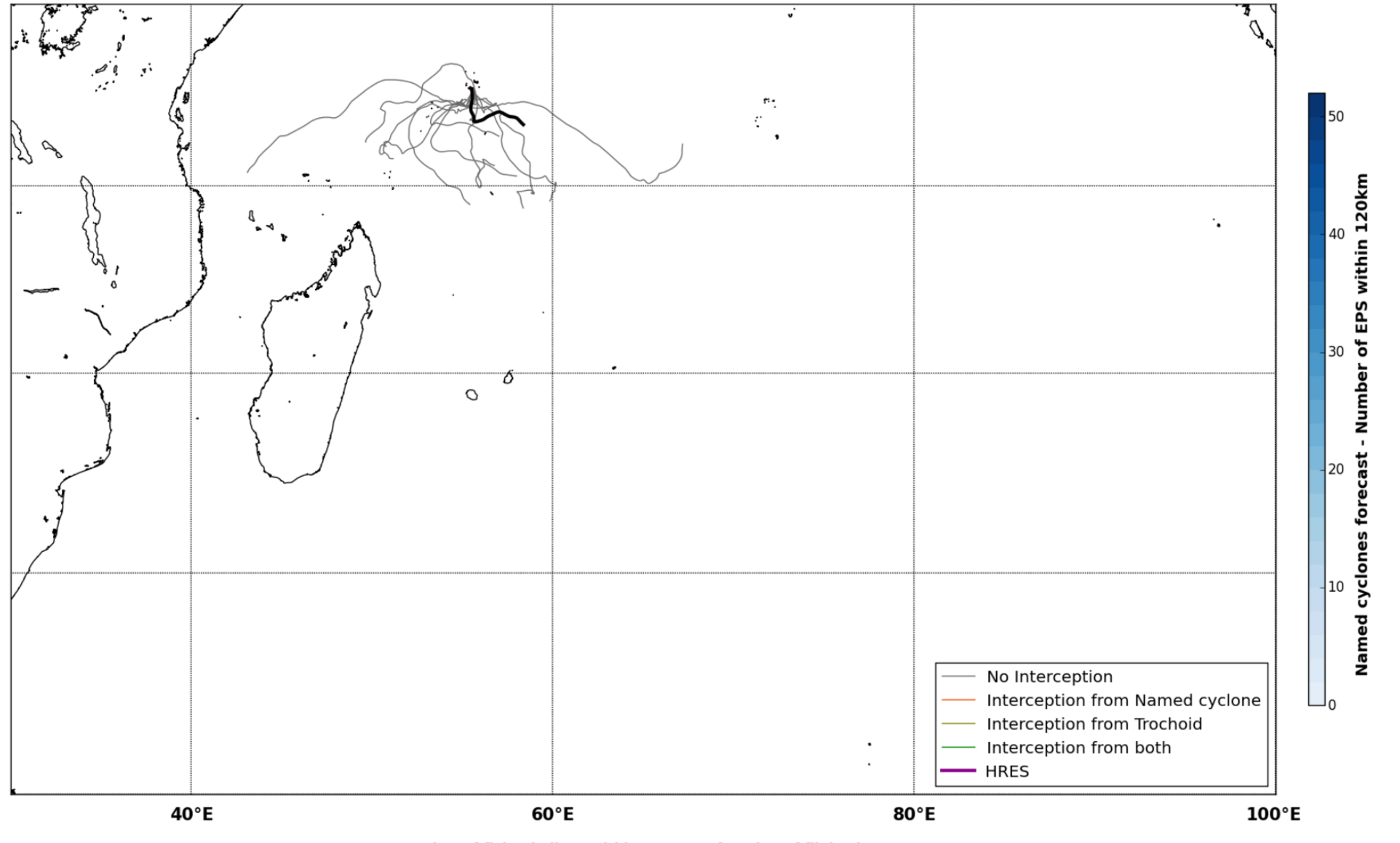
Number of flying ballons within a TC as a function of flight time



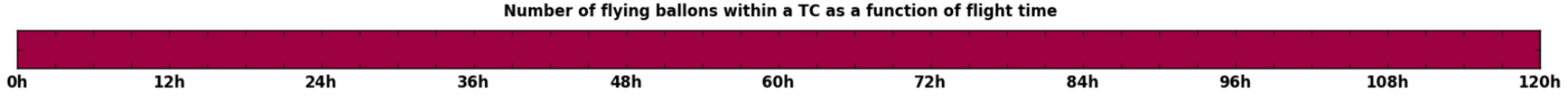
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2

Fri. 31/12, 12h (LT)

Site: Mahe
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Fri. 31/12, 08h (UTC)


No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km

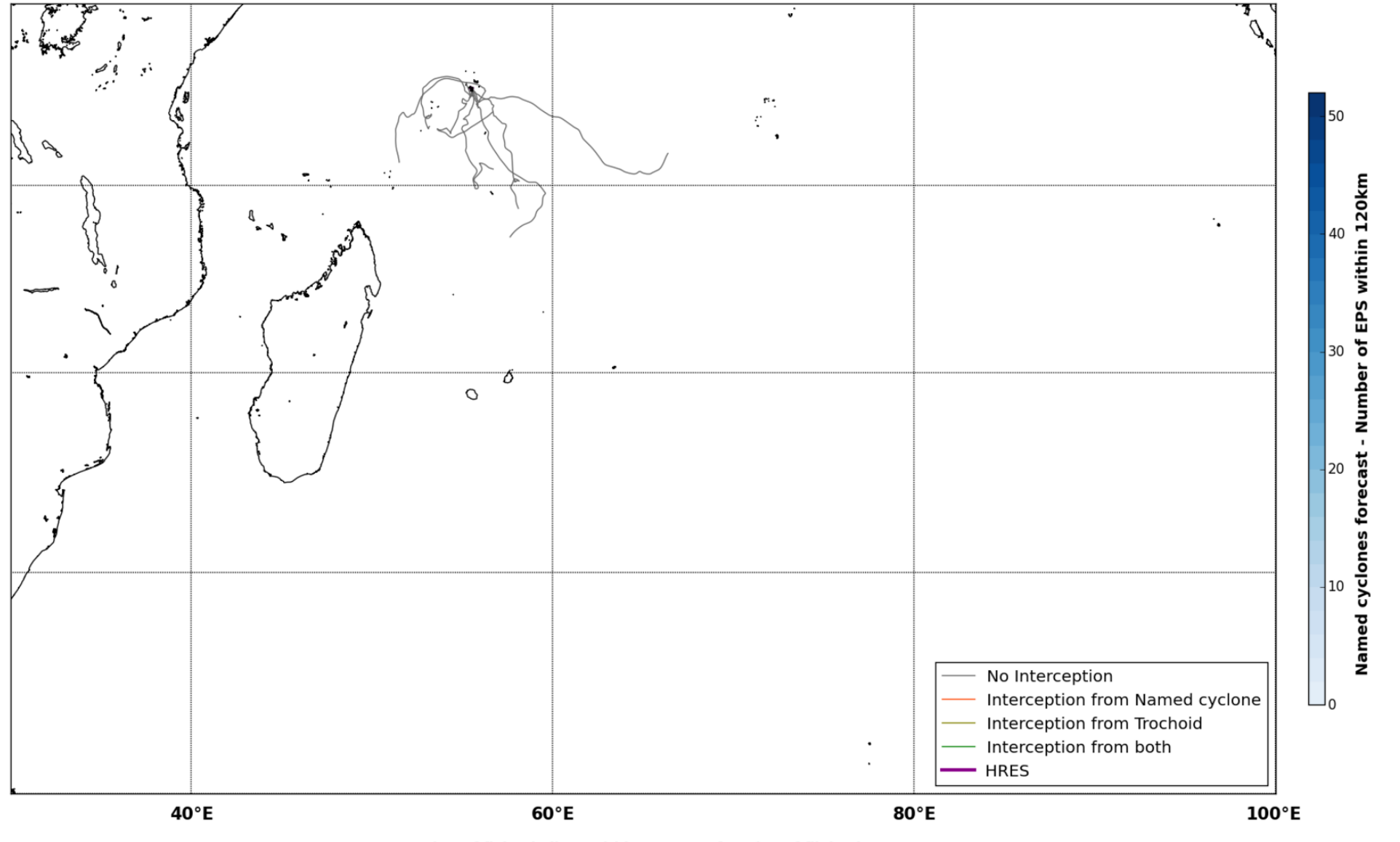
Number of flying ballons within a TC as a function of flight time



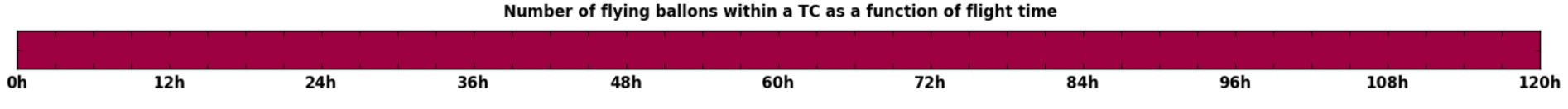
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2

Fri. 31/12, 18h (LT)

Site: Mahe
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Fri. 31/12, 14h (UTC)


No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km

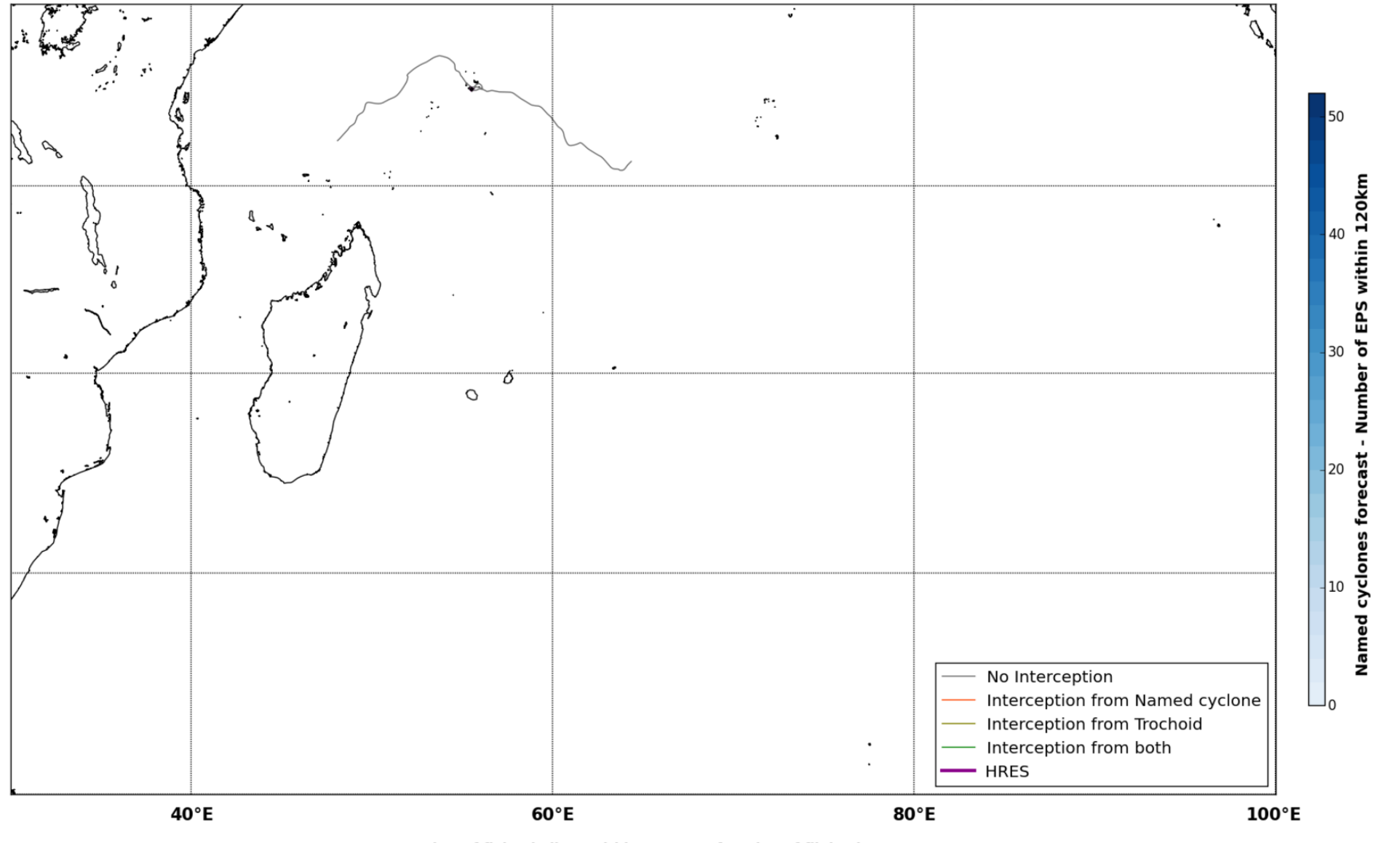
Number of flying ballons within a TC as a function of flight time



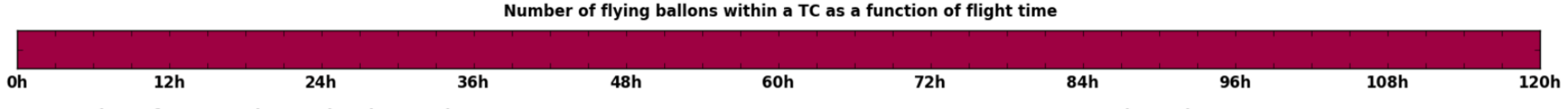
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2

Sat. 01/01, 06h (LT)

Site: Mahe
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Sat. 01/01, 02h (UTC)


No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km

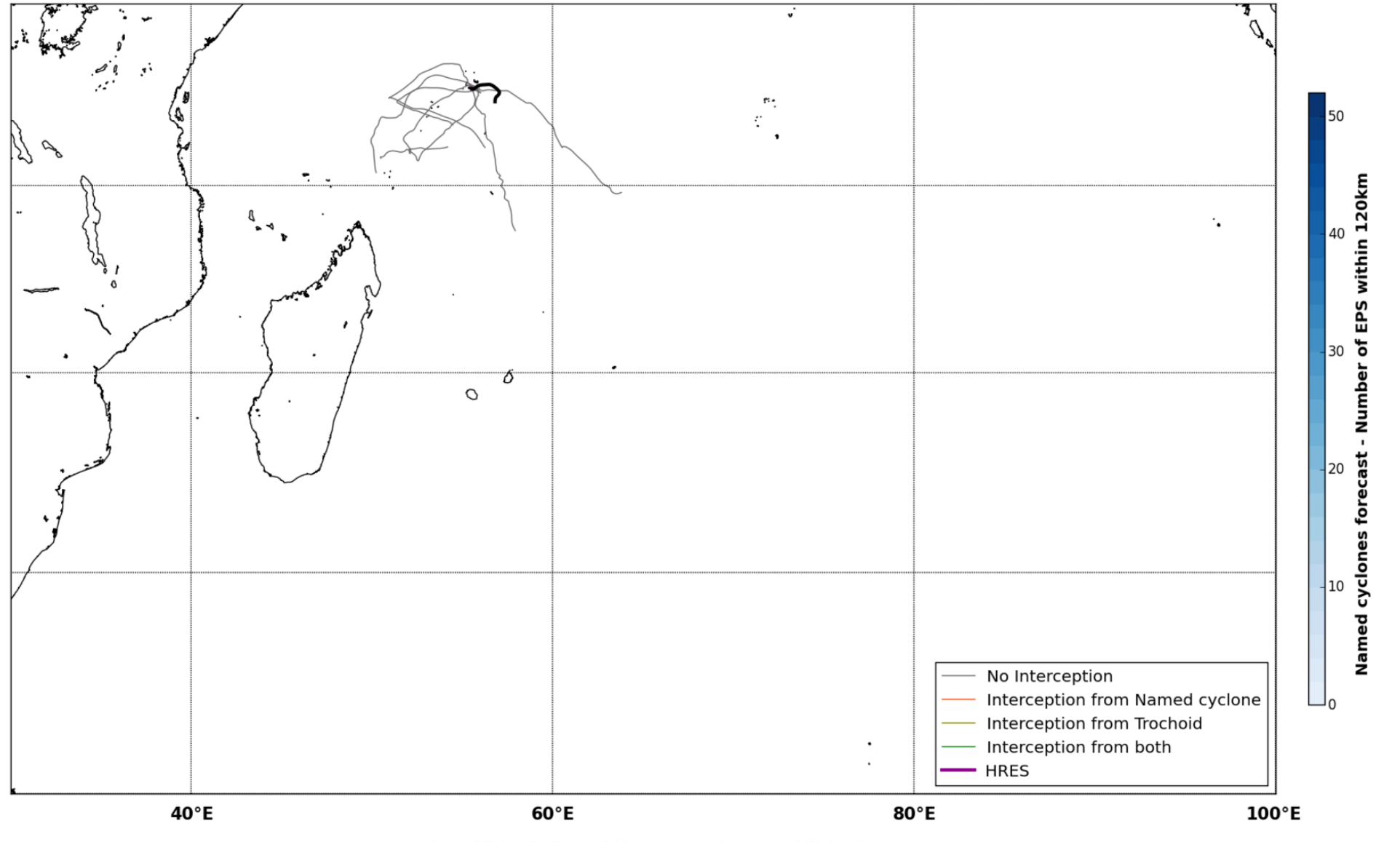
Number of flying ballons within a TC as a function of flight time



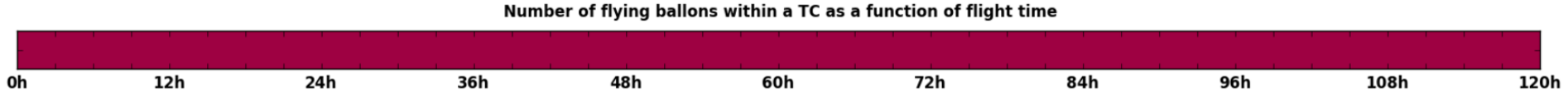
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2

Sat. 01/01, 18h (LT)

Site: Mahe
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Sat. 01/01, 14h (UTC)


No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km

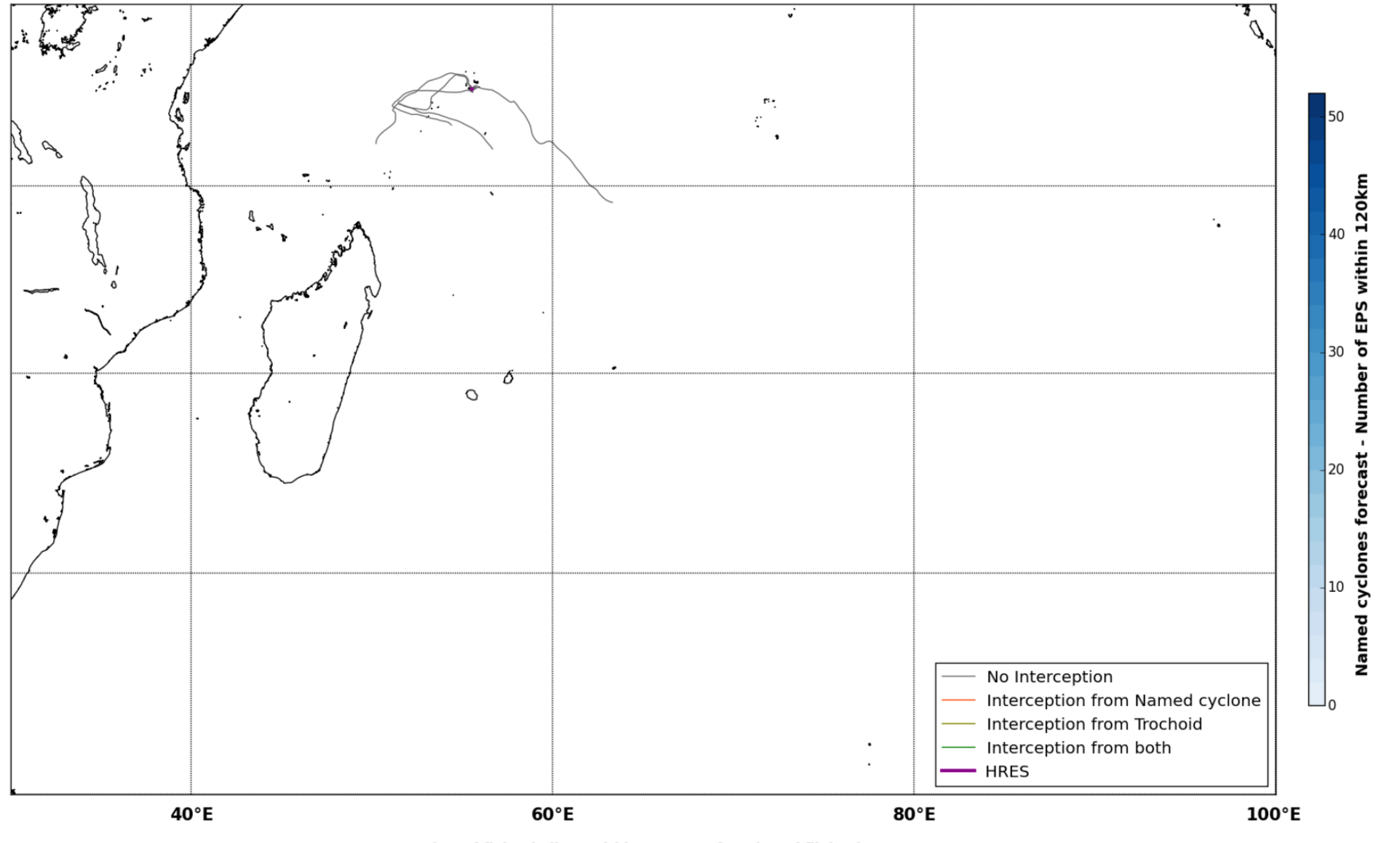
Number of flying ballons within a TC as a function of flight time



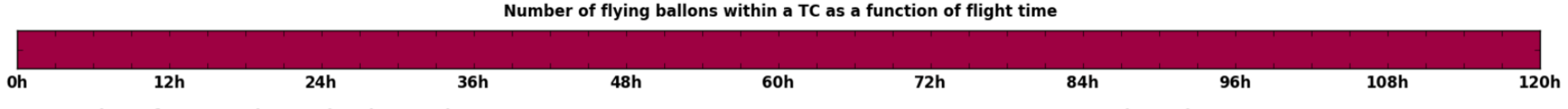
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2

Sun. 02/01, 06h (LT)

Site: Mahe
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Sun. 02/01, 02h (UTC)


No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km

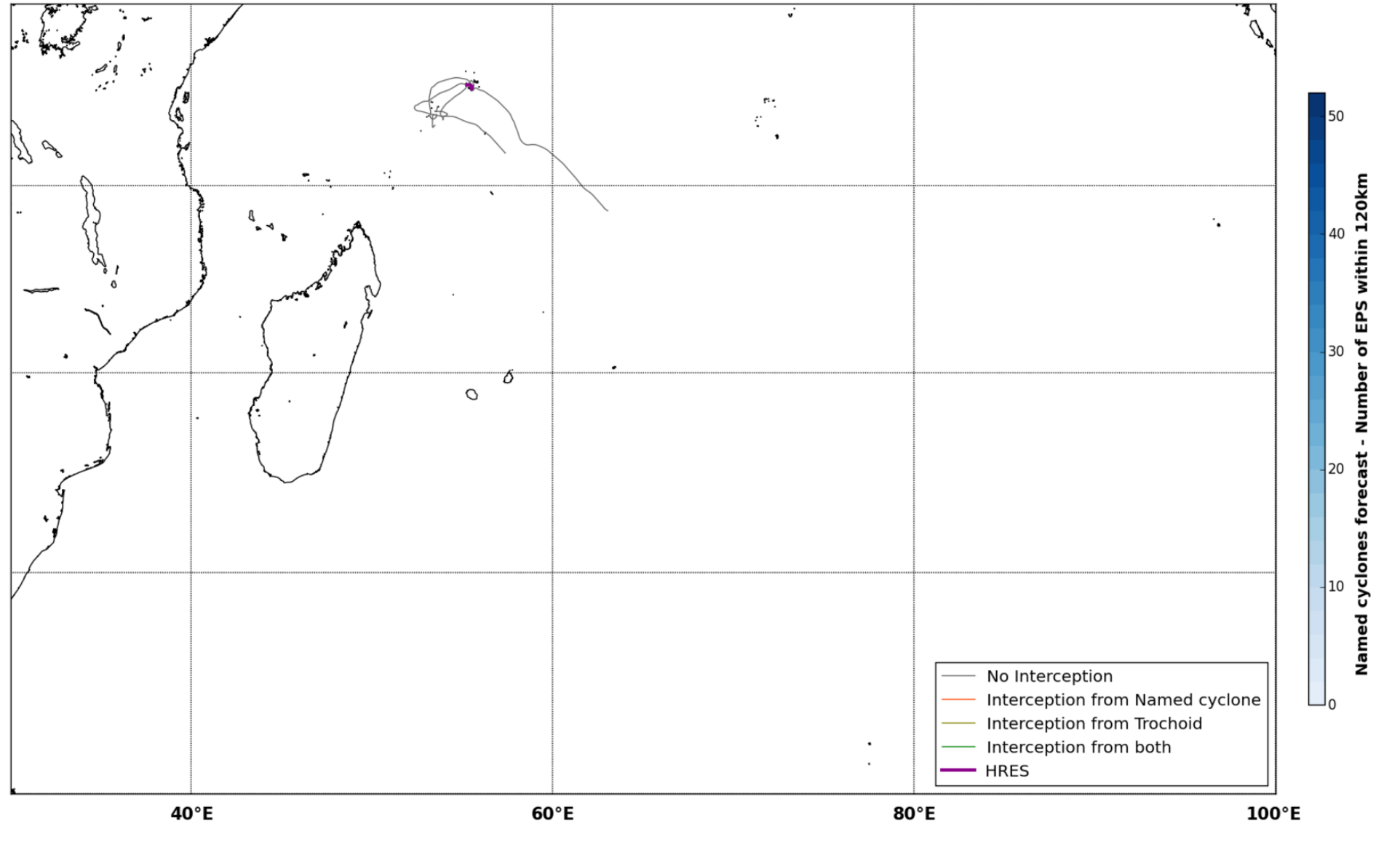
Number of flying ballons within a TC as a function of flight time



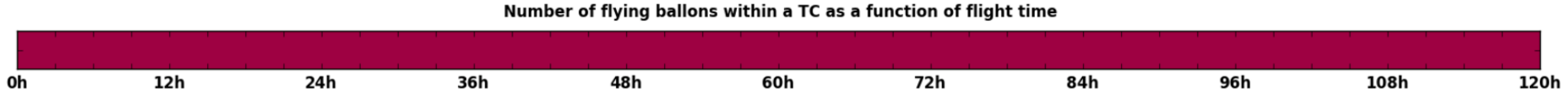
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2

Sun. 02/01, 18h (LT)

Site: Mahe
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Sun. 02/01, 14h (UTC)


No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km

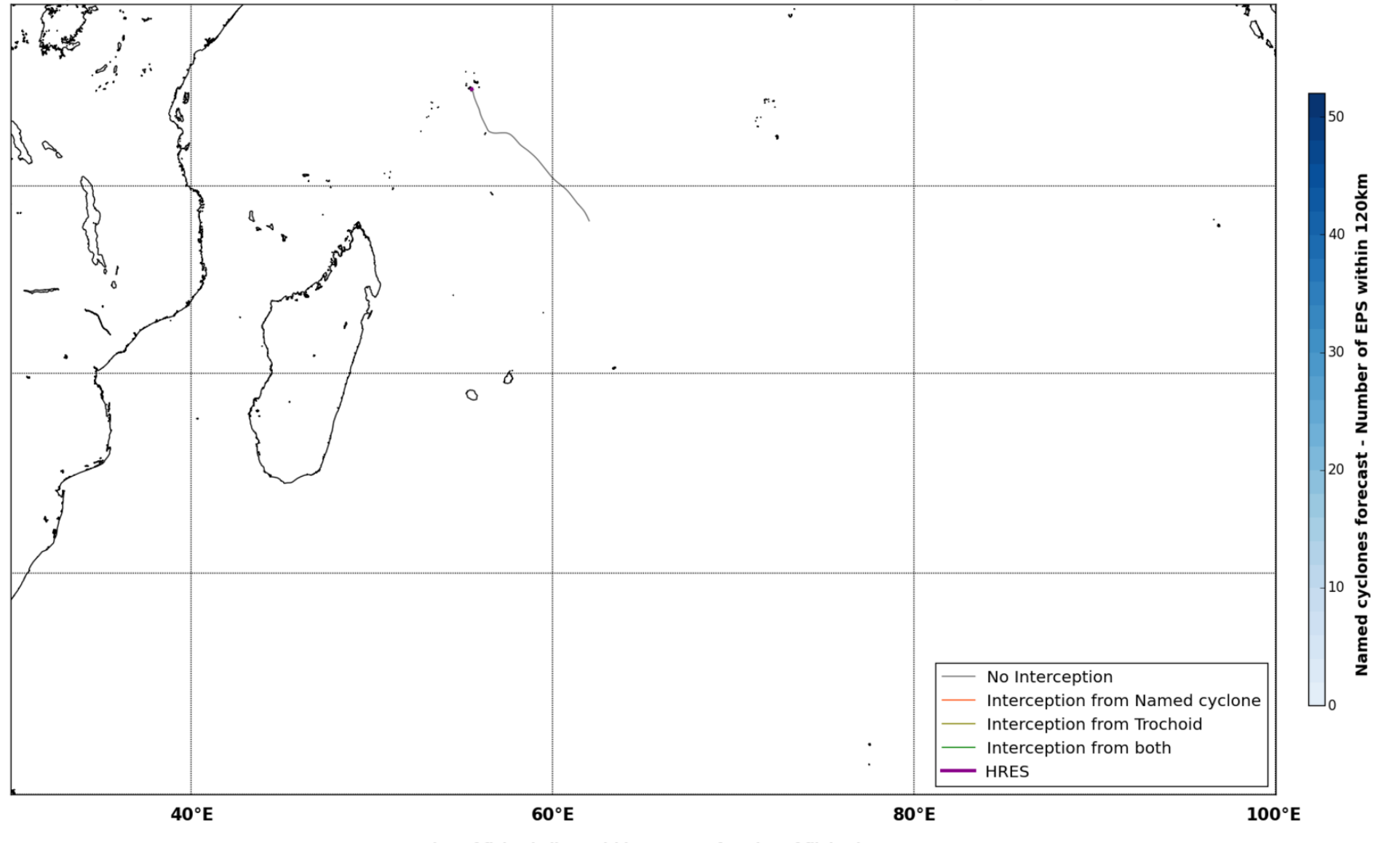
Number of flying ballons within a TC as a function of flight time



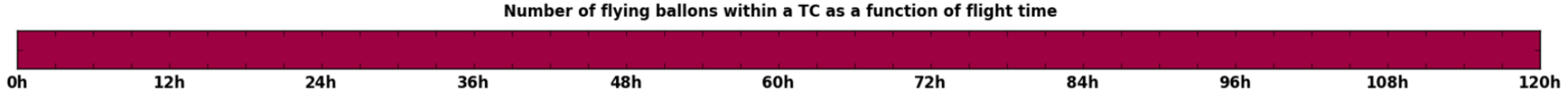
Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2

Mon. 03/01, 18h (LT)

Site: Mahe
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Mon. 03/01, 14h (UTC)


No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km

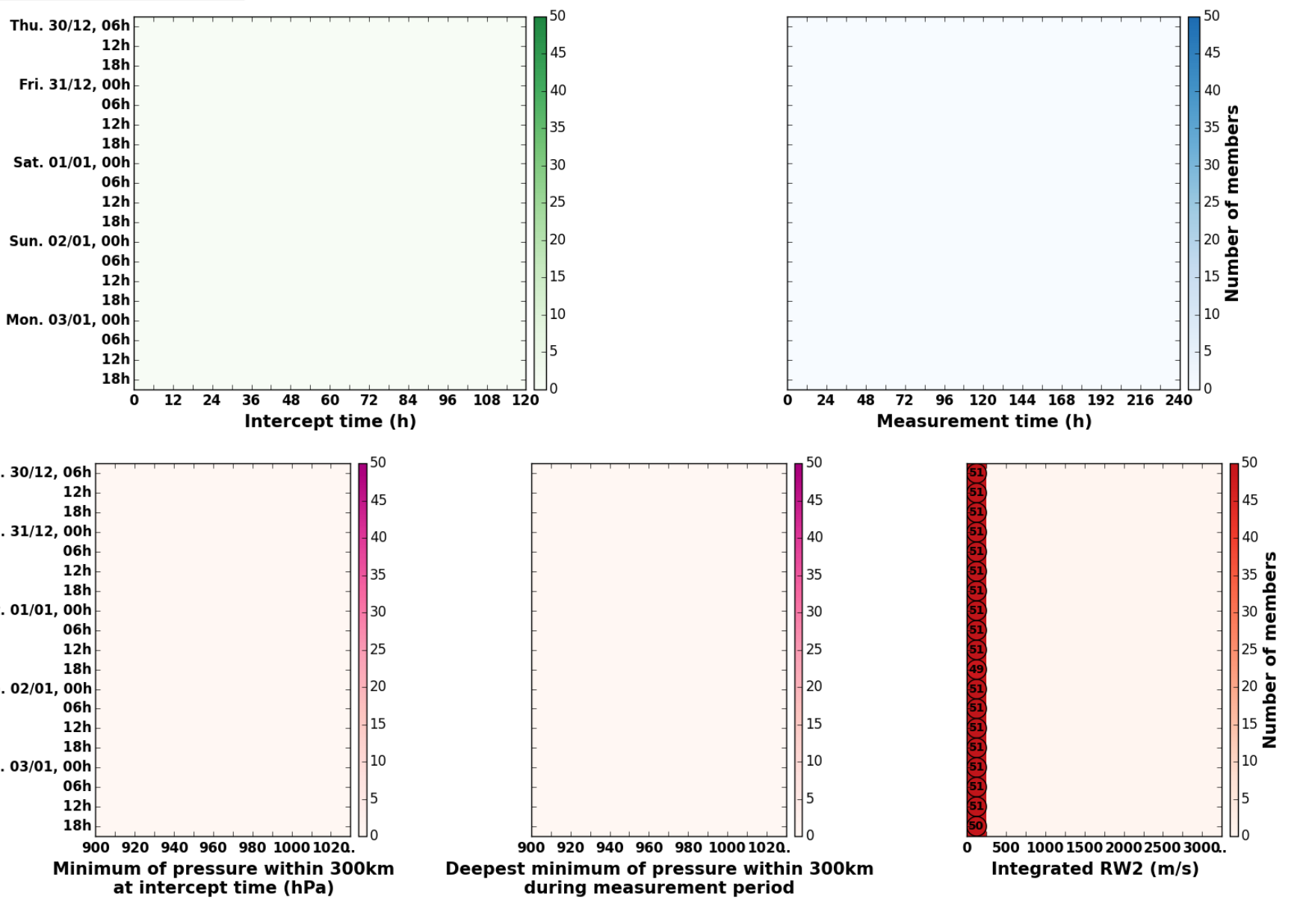
Number of flying ballons within a TC as a function of flight time



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

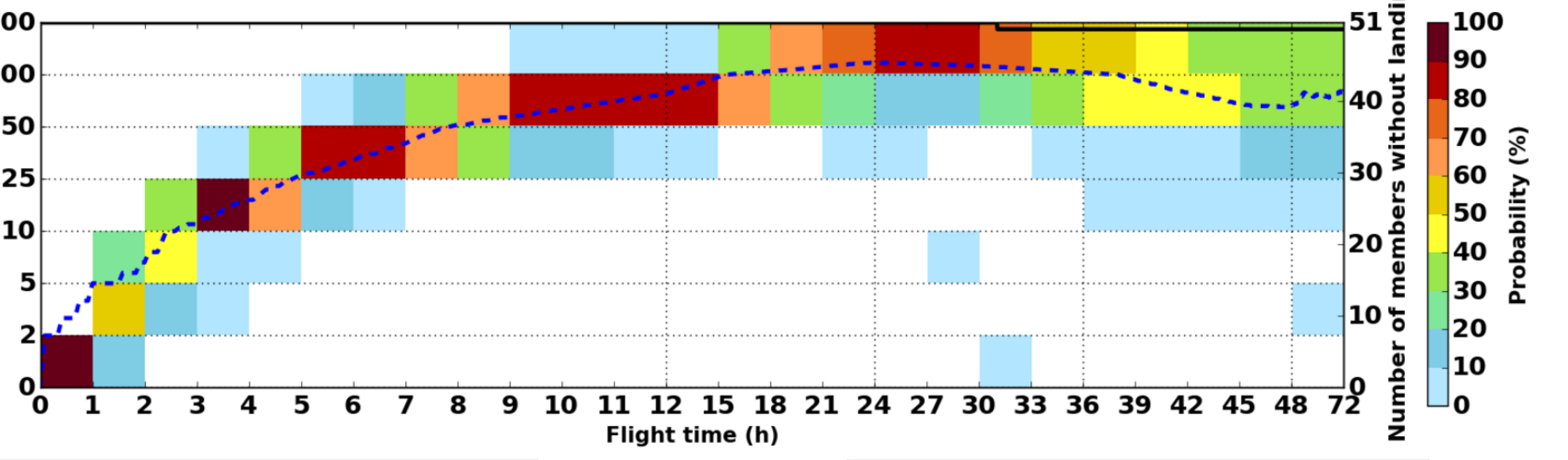
Forecast date: Wed. 29/12, 12h (UTC)

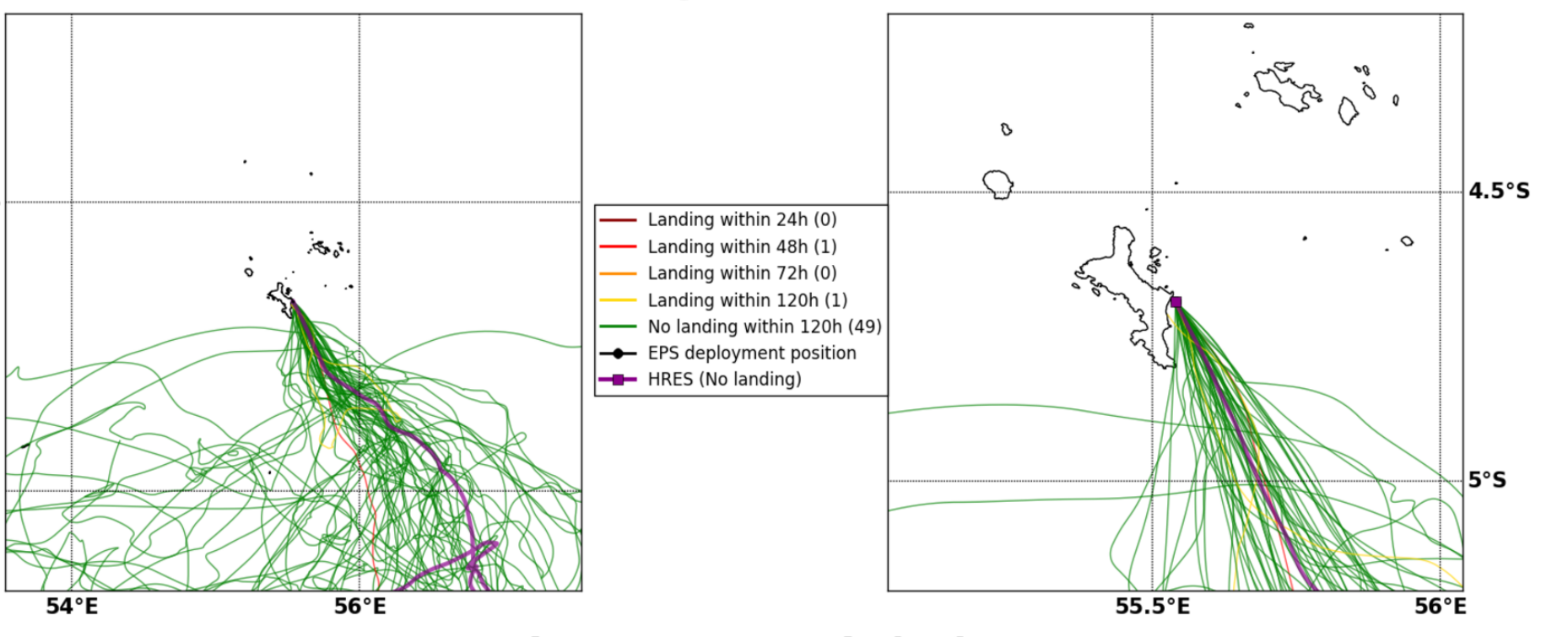
Site: Mahe
Speed function: Theorical Helikite
Method: Trochoid (15/30km/h2)



Thu. 30/12, 06h (LT)

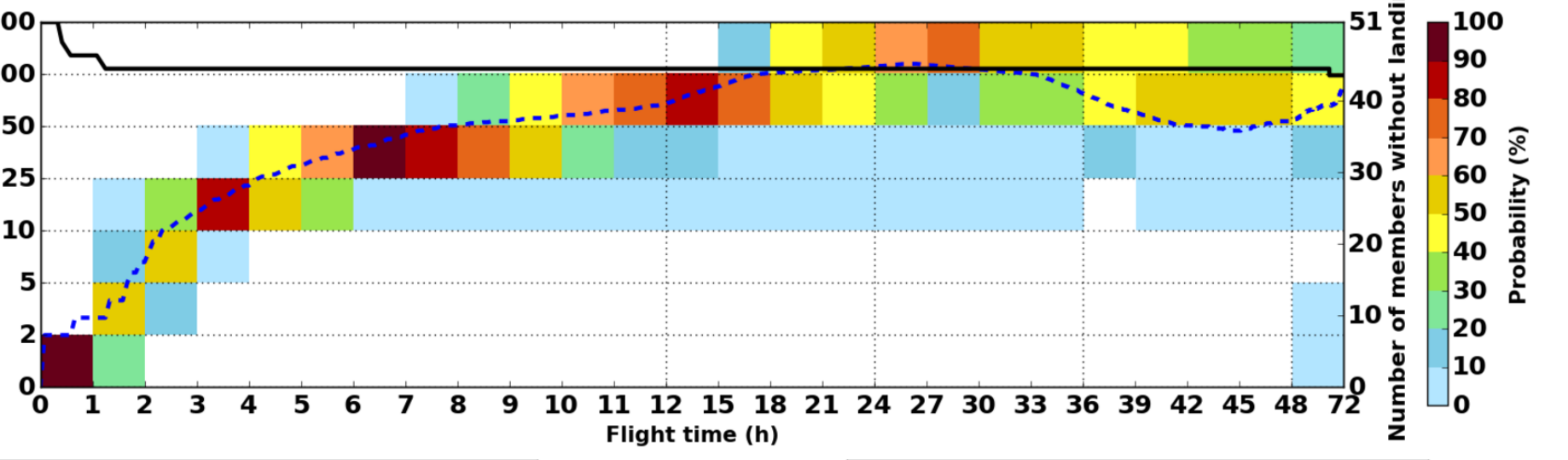
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Thu. 30/12, 02h (UTC)

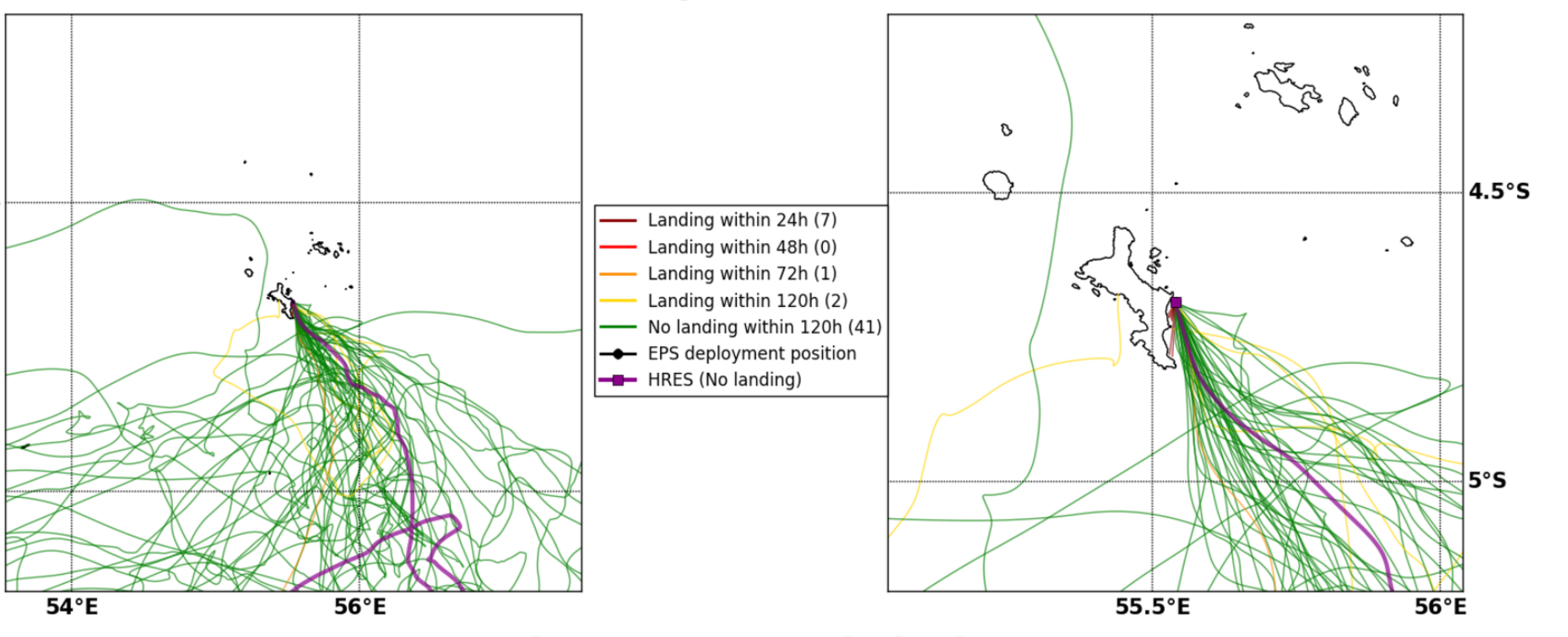



Landing within 24h (0)
Landing within 48h (1)
Landing within 72h (0)
Landing within 120h (1)
No landing within 120h (49)
EPS deployment position
HRES (No landing)
4°S
6°S
54°E
56°E
4.5°S
5°S
55.5°E
56°E

Thu. 30/12, 12h (LT)

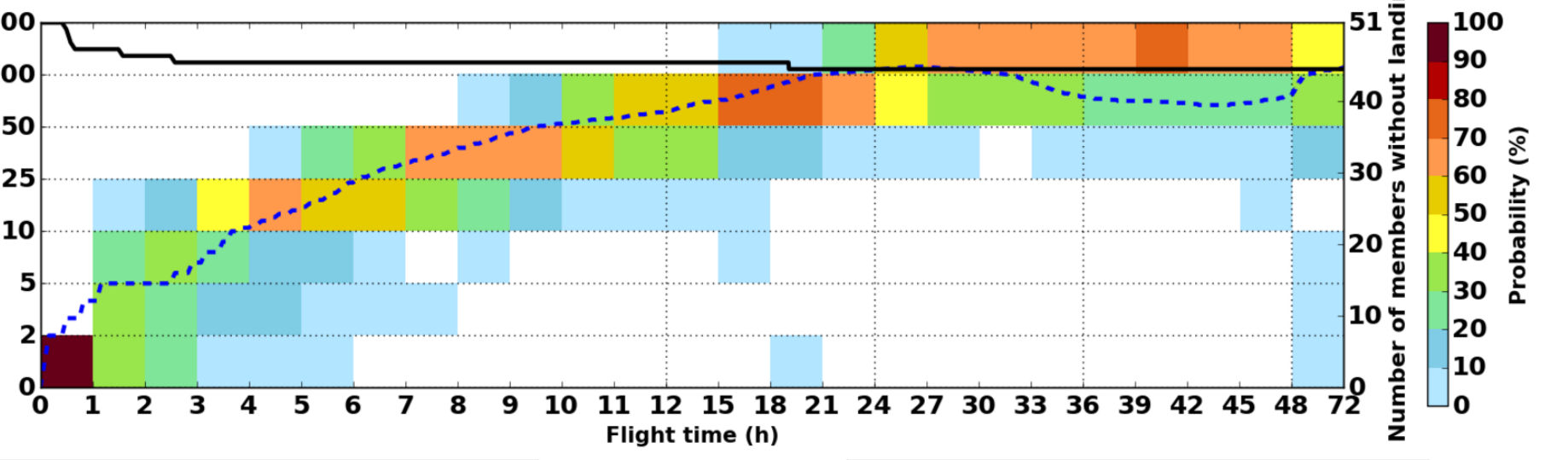
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Thu. 30/12, 08h (UTC)

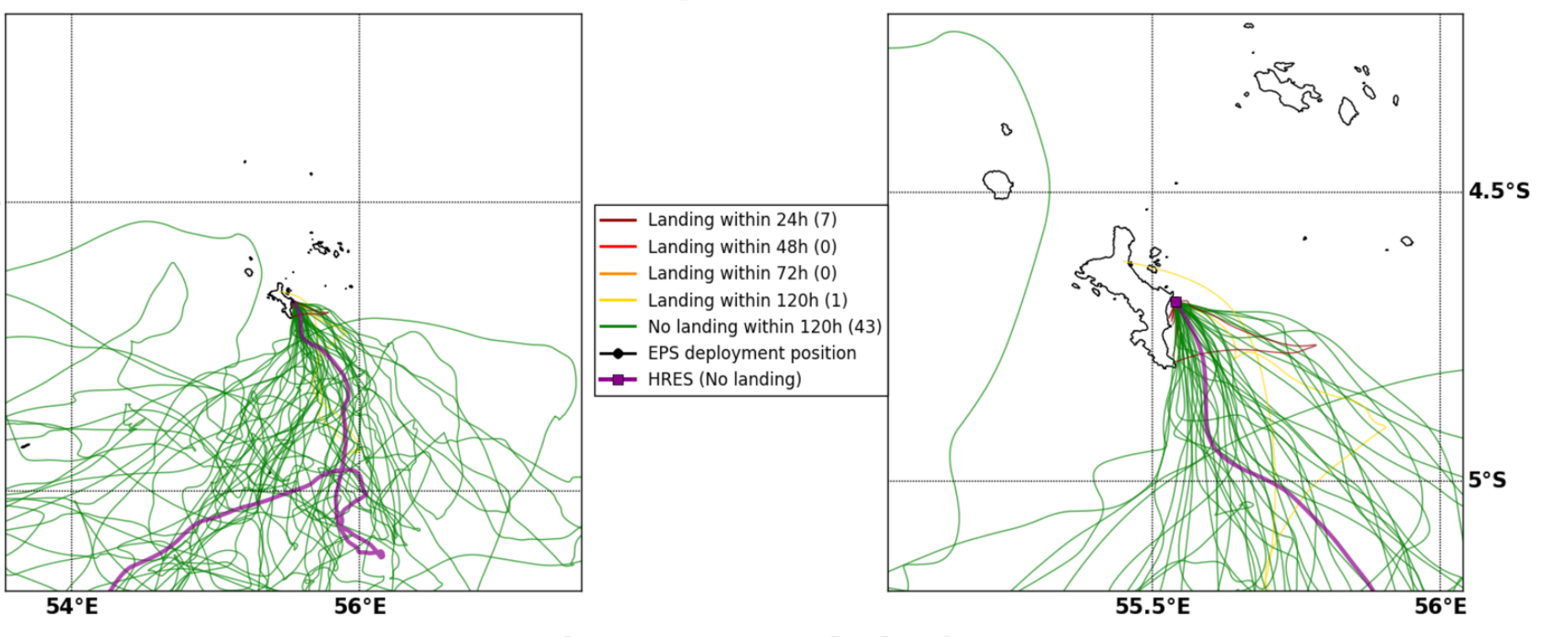



Landing within 24h (7)
Landing within 48h (0)
Landing within 72h (1)
Landing within 120h (2)
No landing within 120h (41)
EPS deployment position
HRES (No landing)

Thu. 30/12, 18h (LT)

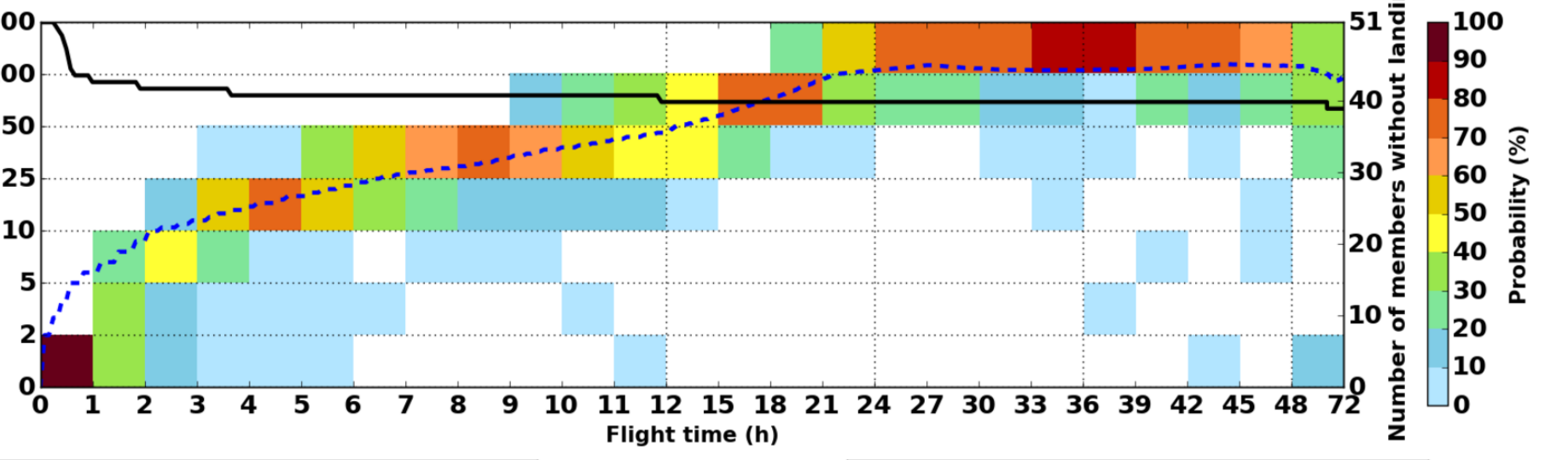
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Thu. 30/12, 14h (UTC)

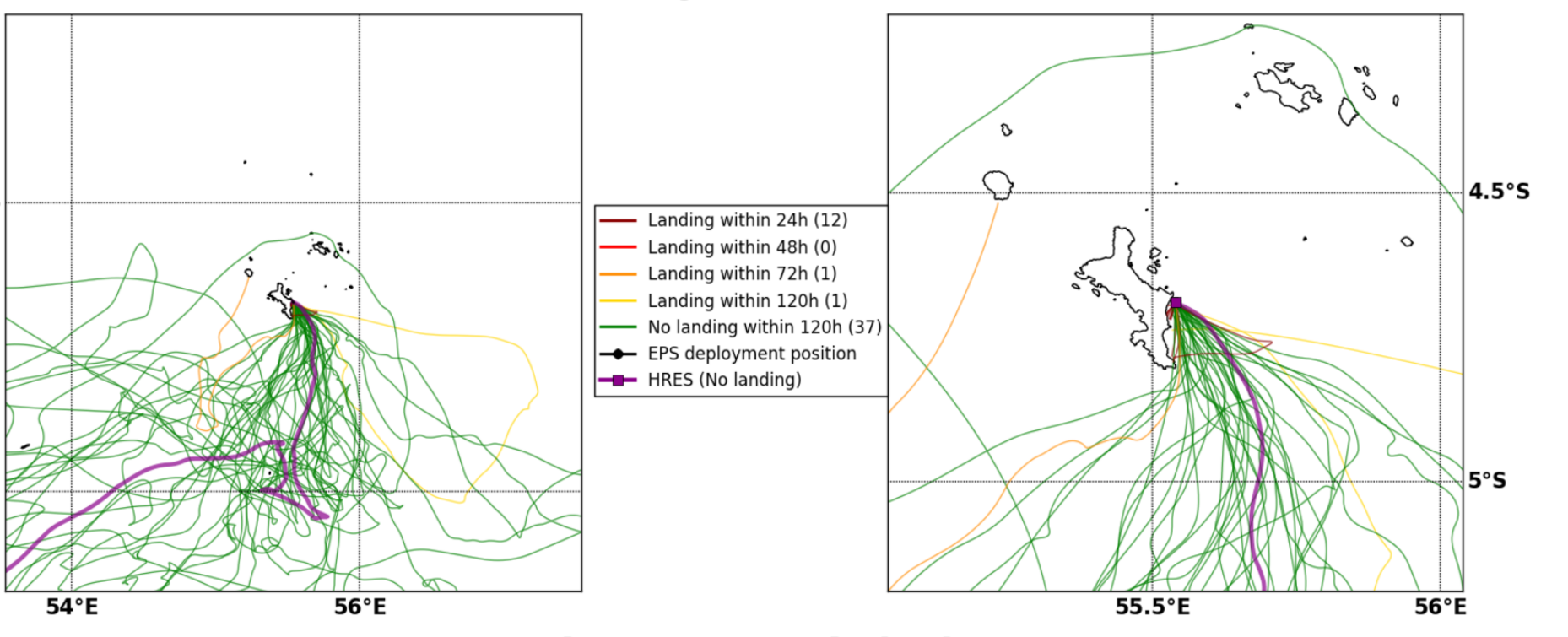



Landing within 24h (7)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (1)
No landing within 120h (43)
EPS deployment position
HRES (No landing)

Fri. 31/12, 00h (LT)

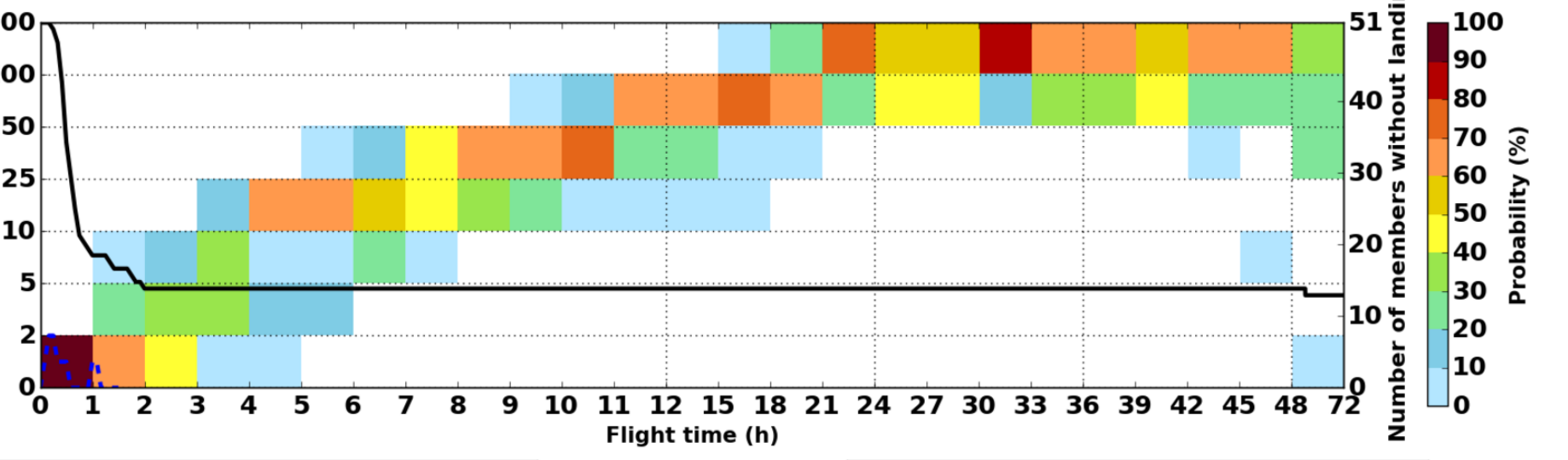
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Thu. 30/12, 20h (UTC)

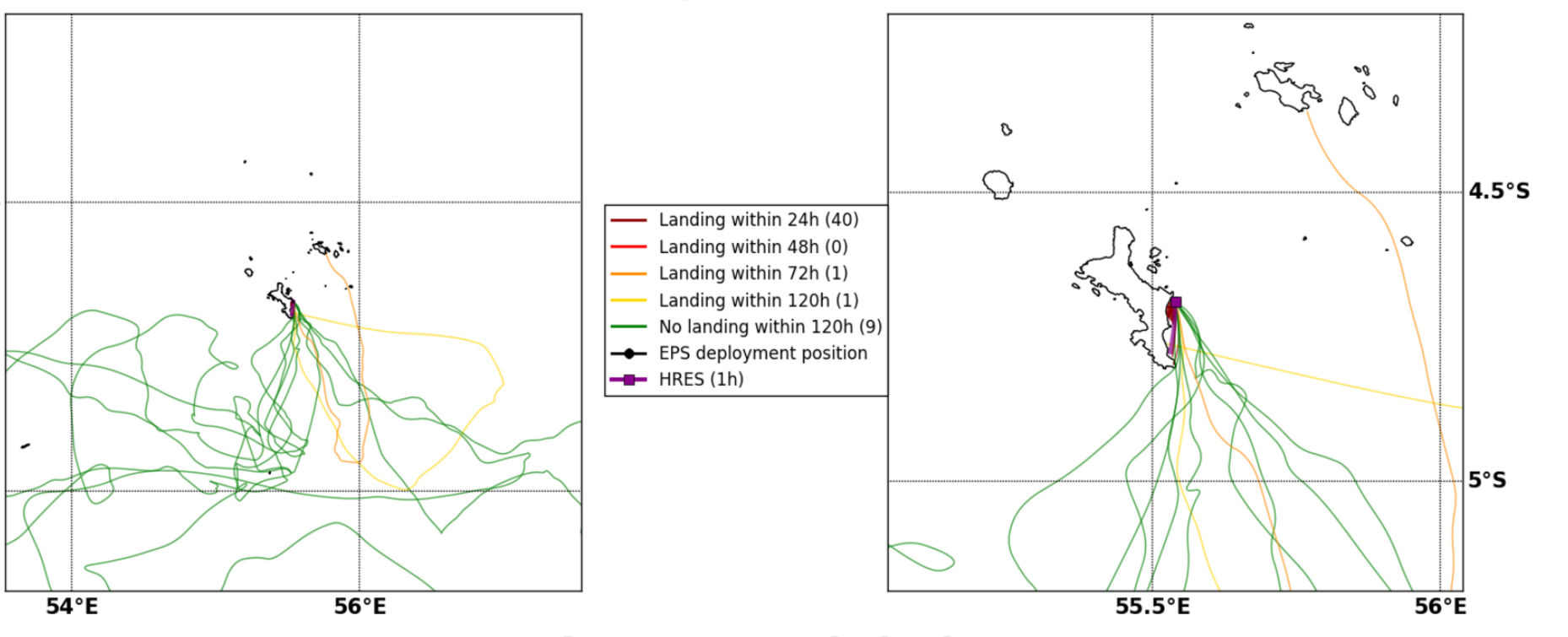



Landing within 24h (12)
Landing within 48h (0)
Landing within 72h (1)
Landing within 120h (1)
No landing within 120h (37)
EPS deployment position
HRES (No landing)

Fri. 31/12, 06h (LT)

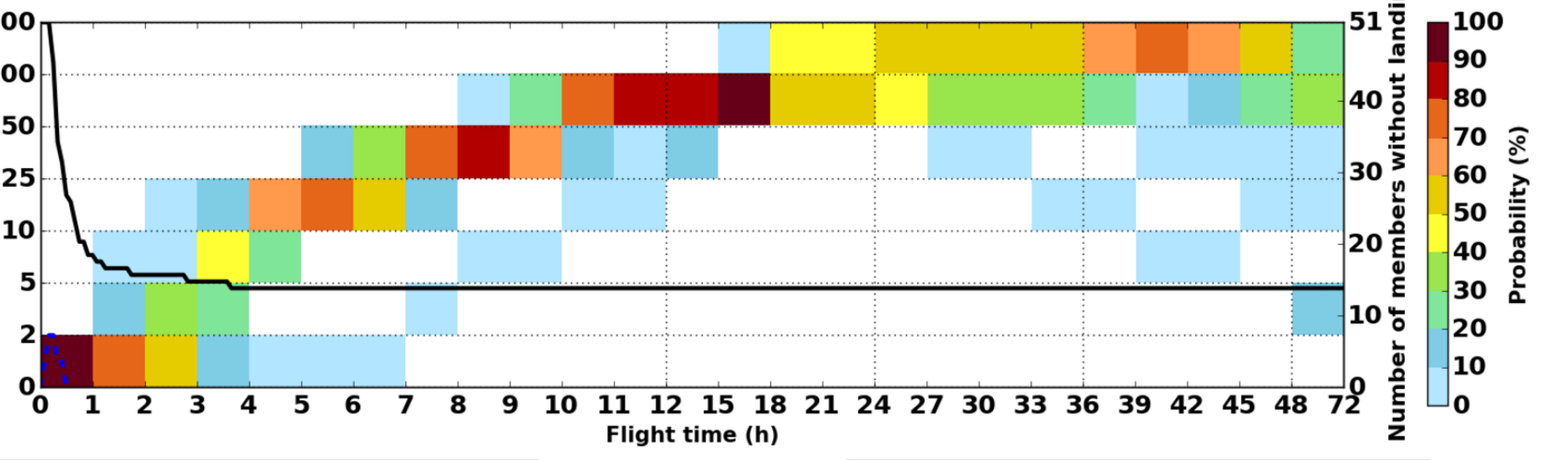
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Fri. 31/12, 02h (UTC)

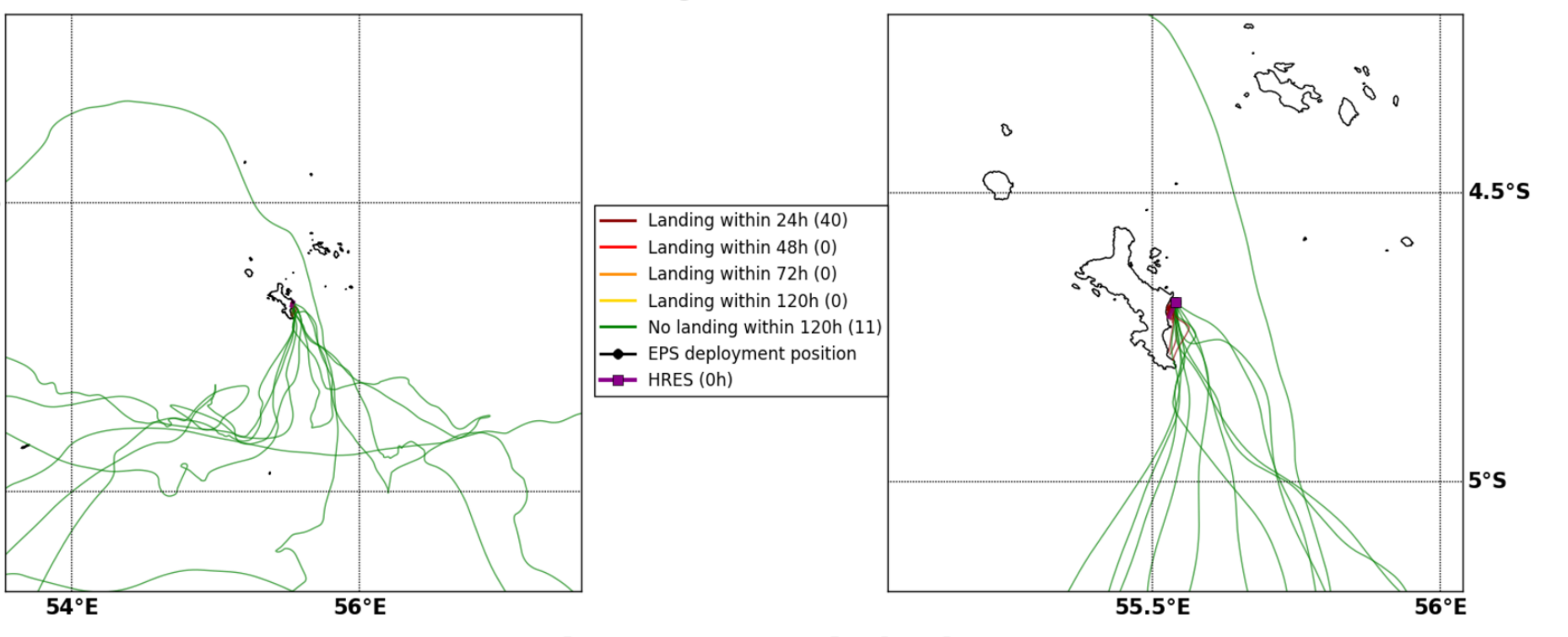



Landing within 24h (40)
Landing within 48h (0)
Landing within 72h (1)
Landing within 120h (1)
No landing within 120h (9)
EPS deployment position
HRES (1h)

Fri. 31/12, 12h (LT)

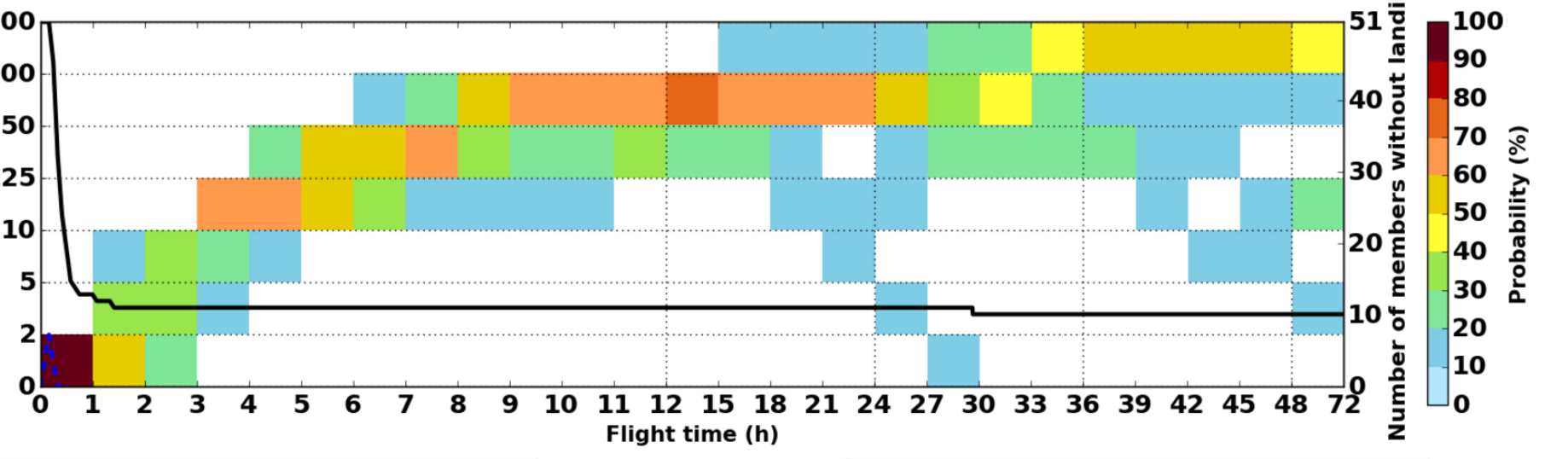
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Fri. 31/12, 08h (UTC)

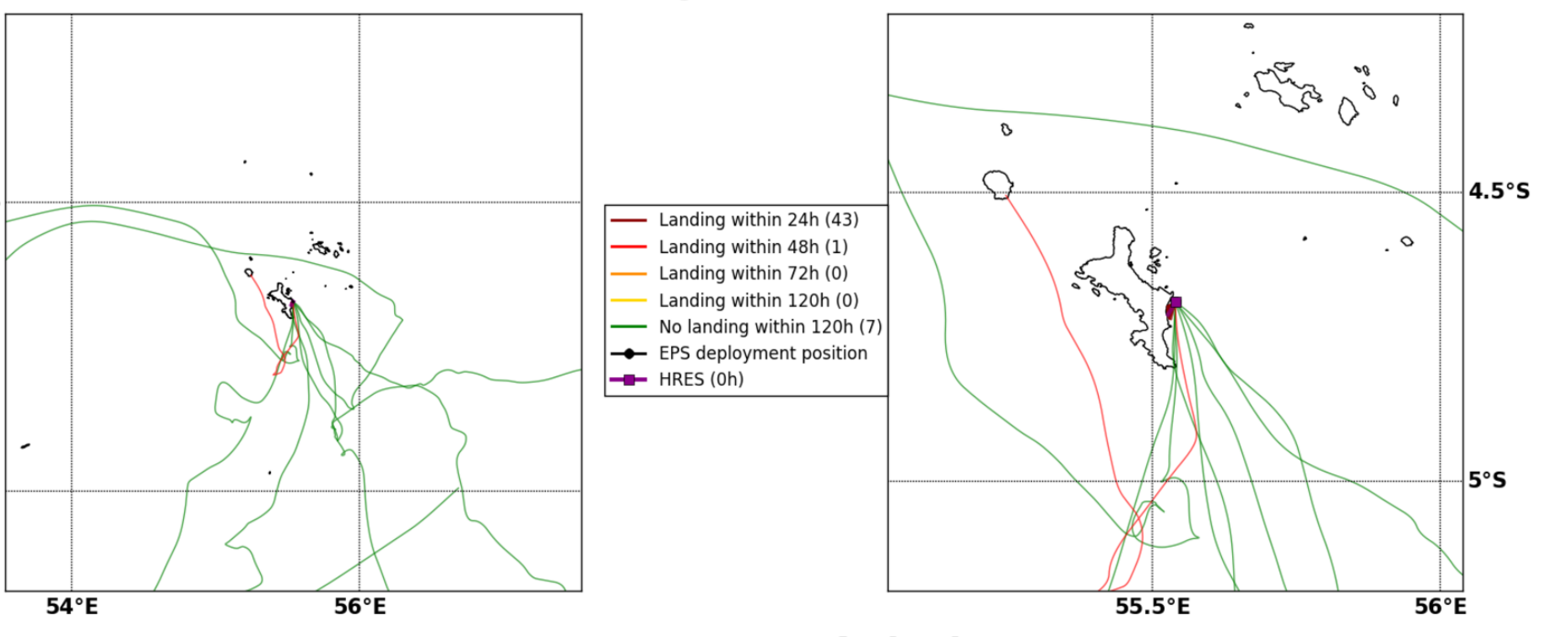



Landing within 24h (40)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (11)
EPS deployment position
HRES (0h)

Fri. 31/12, 18h (LT)

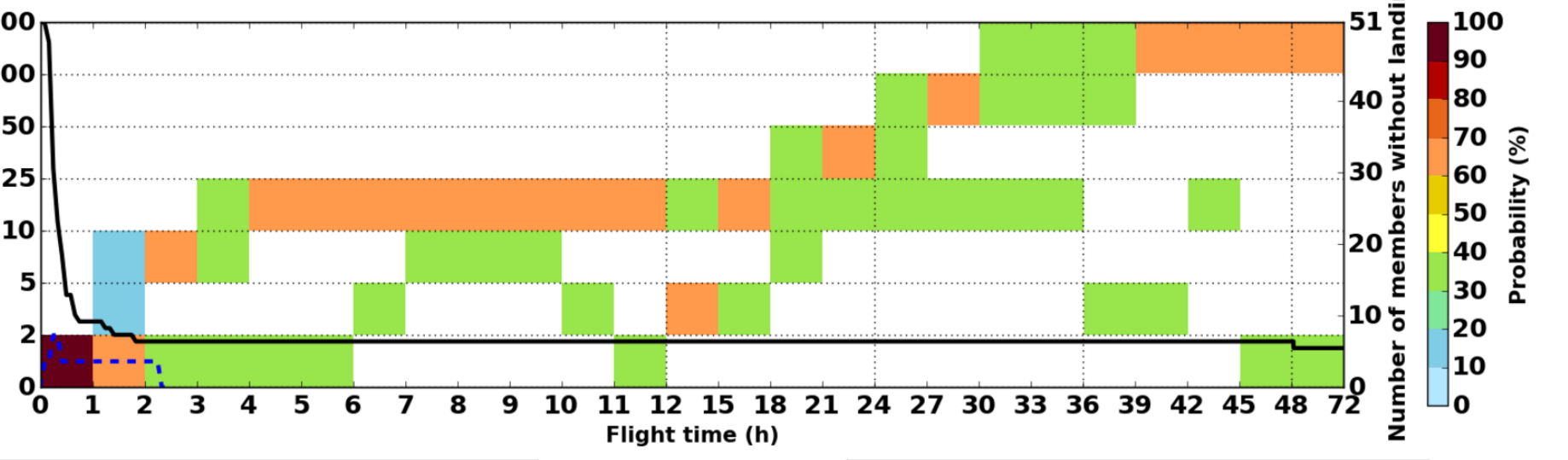
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Fri. 31/12, 14h (UTC)

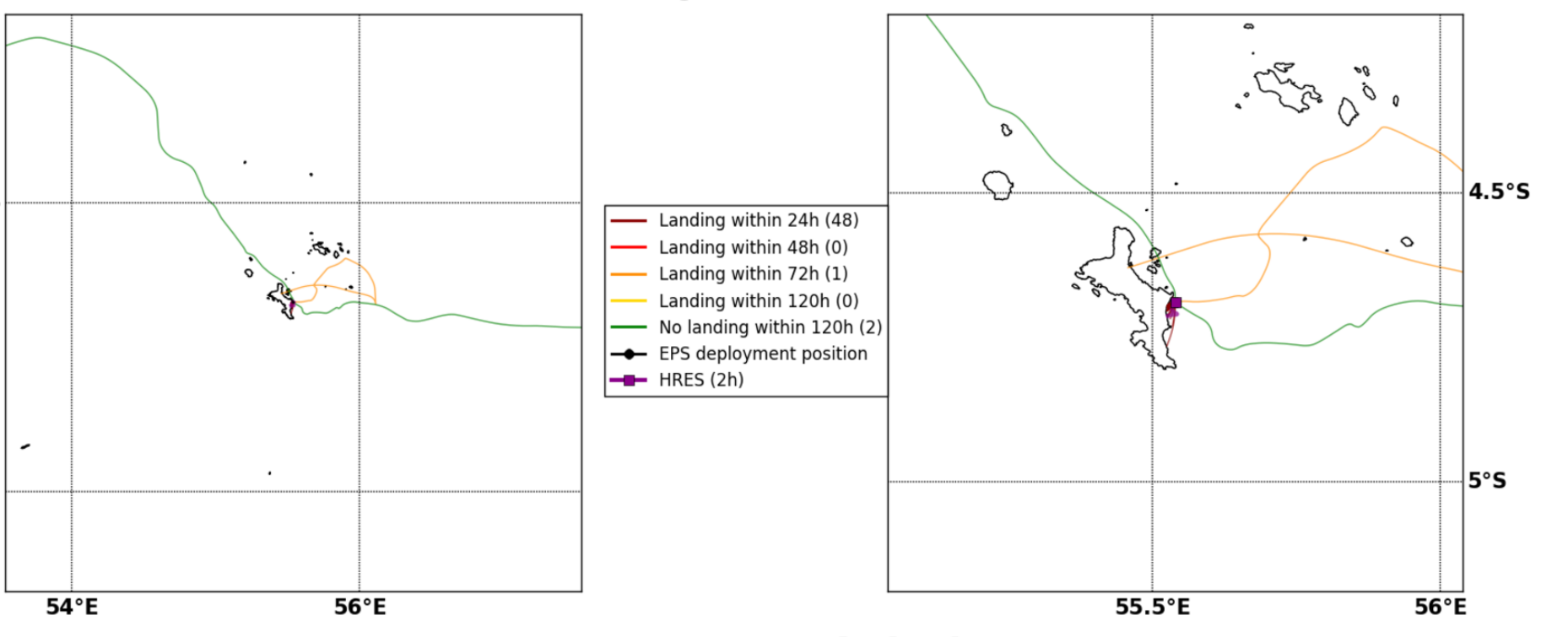



Landing within 24h (43)
Landing within 48h (1)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (7)
EPS deployment position
HRES (0h)

Sat. 01/01, 06h (LT)

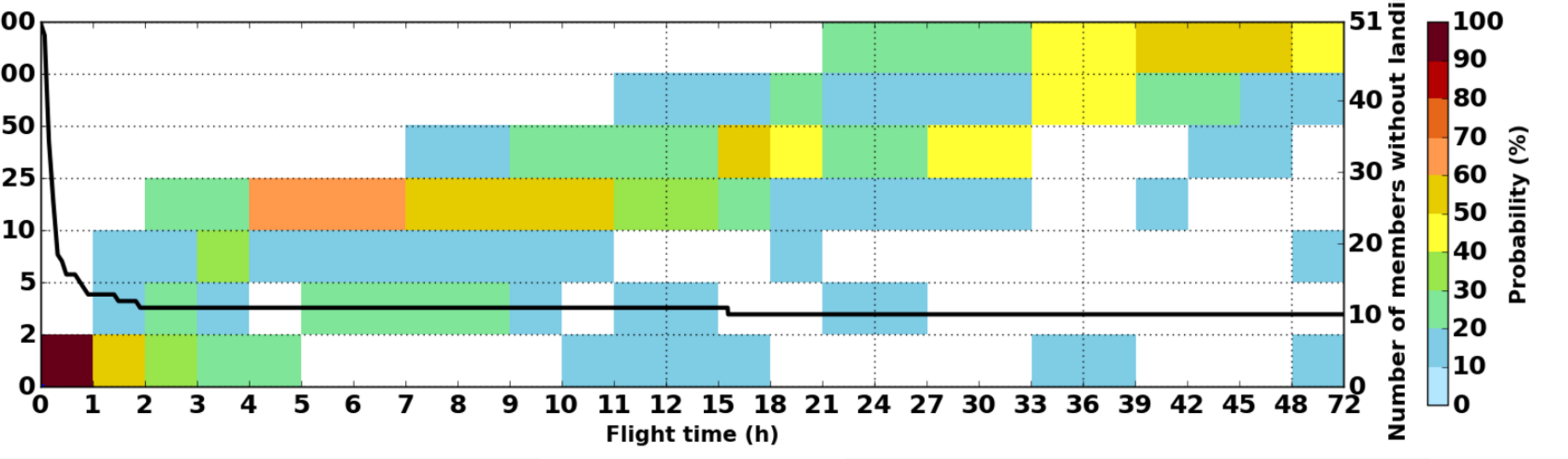
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Sat. 01/01, 02h (UTC)

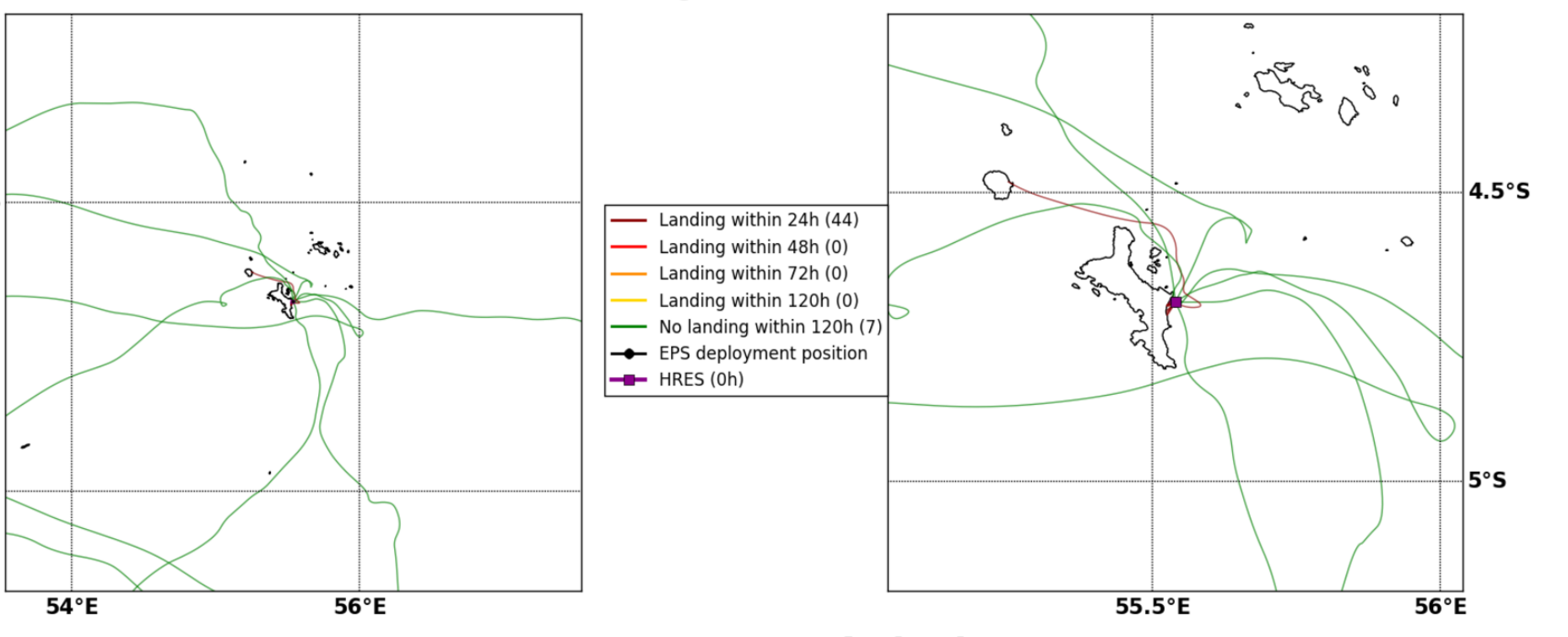



Landing within 24h (48)
Landing within 48h (0)
Landing within 72h (1)
Landing within 120h (0)
No landing within 120h (2)
EPS deployment position
HRES (2h)

Sat. 01/01, 18h (LT)

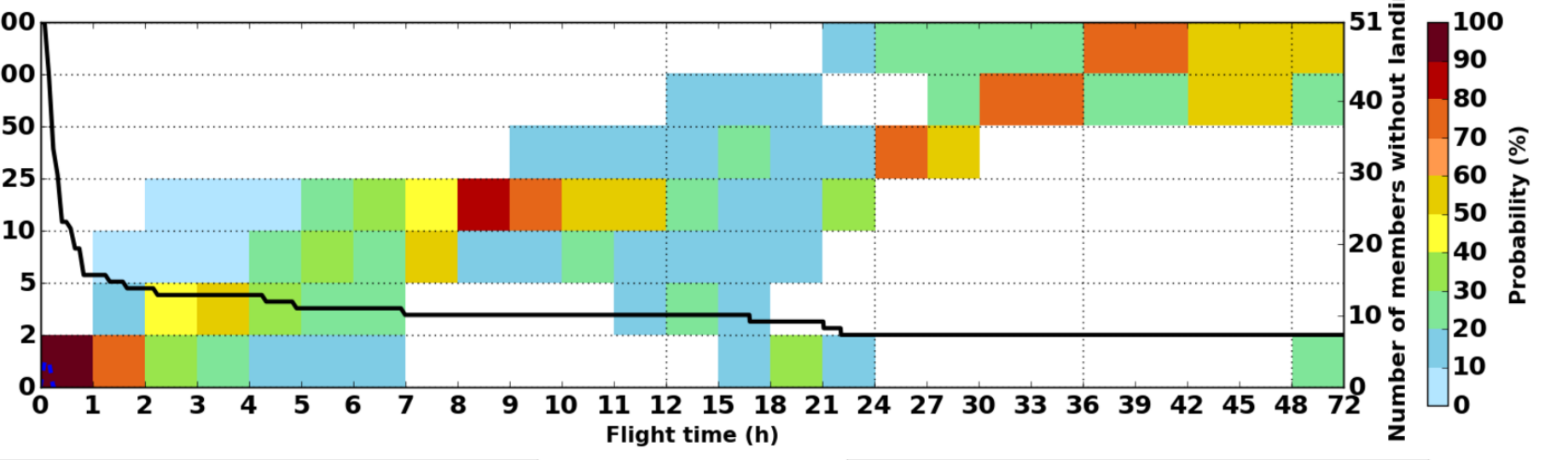
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Sat. 01/01, 14h (UTC)

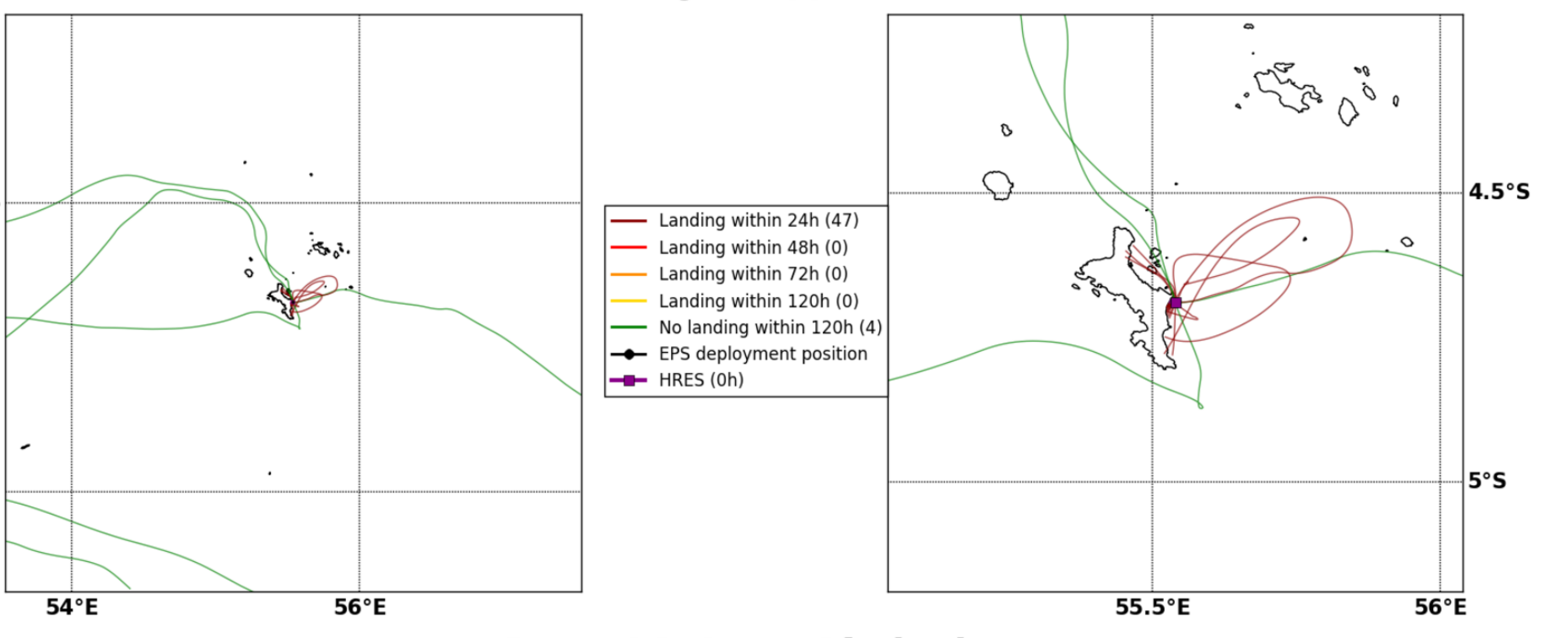



Landing within 24h (44)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (7)
EPS deployment position
HRES (0h)

Sun. 02/01, 06h (LT)

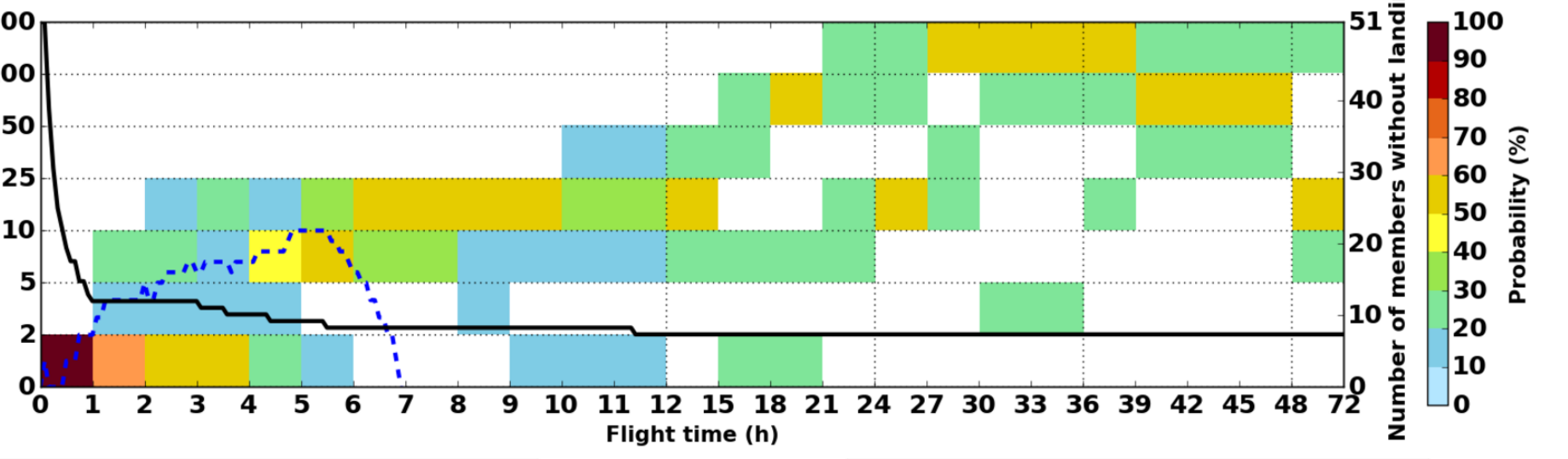
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Sun. 02/01, 02h (UTC)

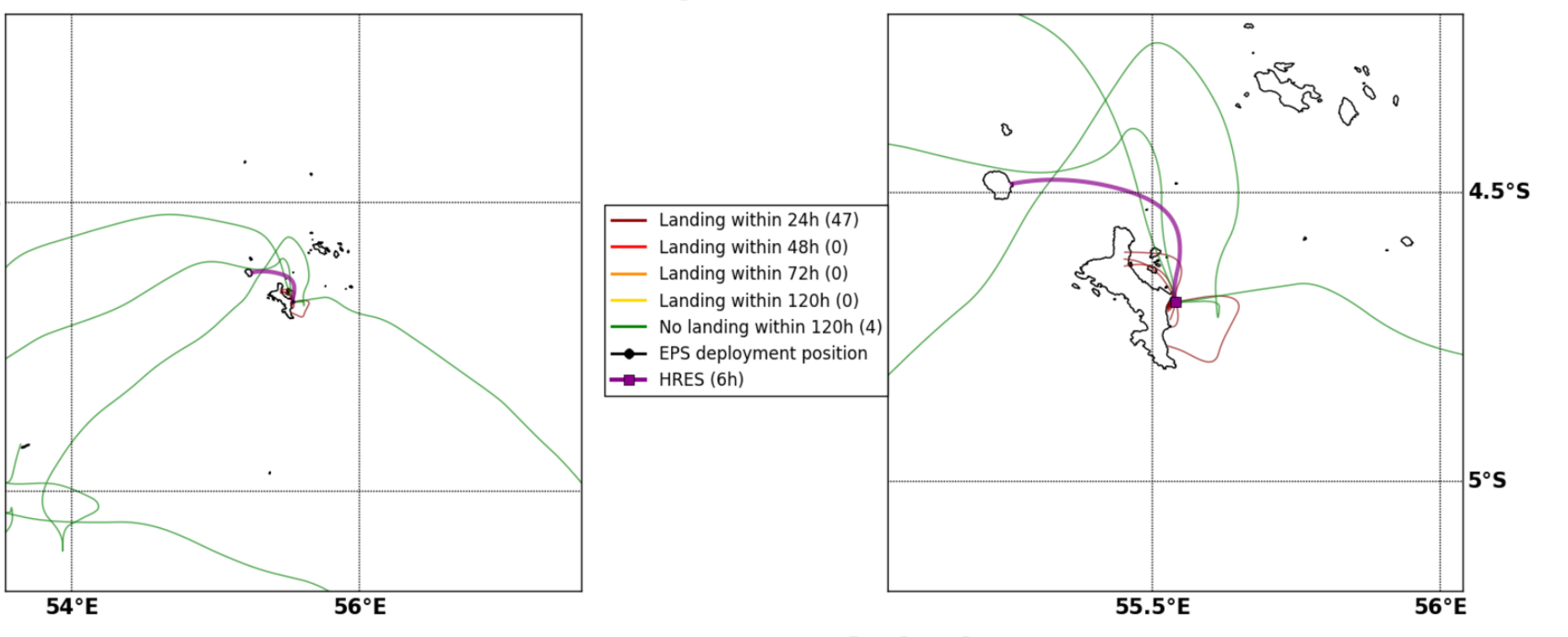



Landing within 24h (47)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (4)
EPS deployment position
HRES (0h)

Sun. 02/01, 18h (LT)

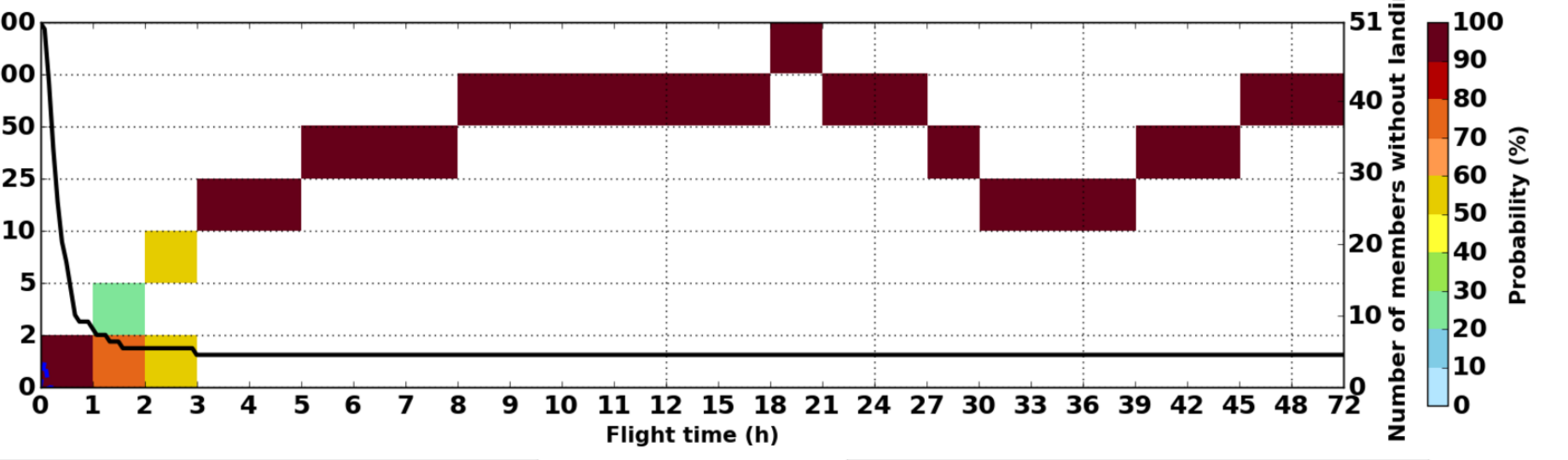
Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Sun. 02/01, 14h (UTC)

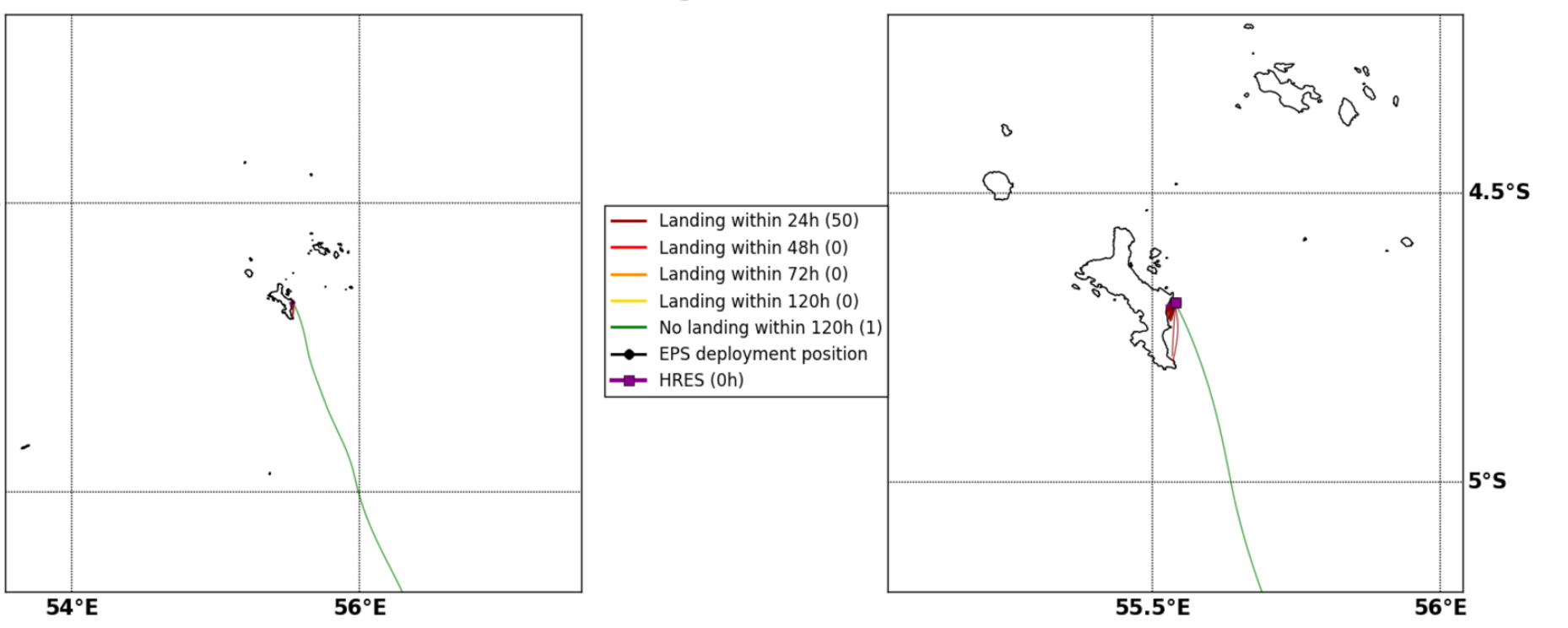



Landing within 24h (47)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (4)
EPS deployment position
HRES (6h)

Mon. 03/01, 18h (LT)

Forecast date: Wed. 29/12, 12h (UTC)
Speed function: Theoritical Helikite
Deployment date: Mon. 03/01, 14h (UTC)




Landing within 24h (50)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (1)
EPS deployment position
HRES (0h)