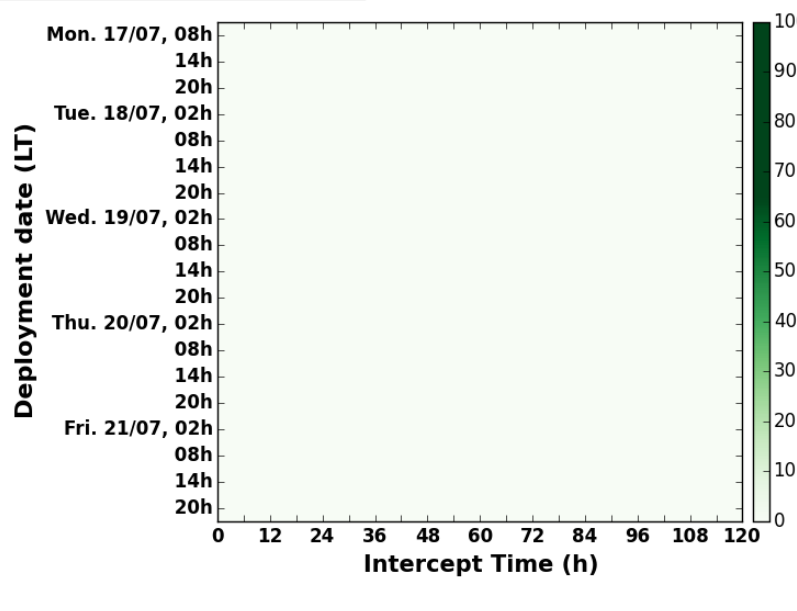
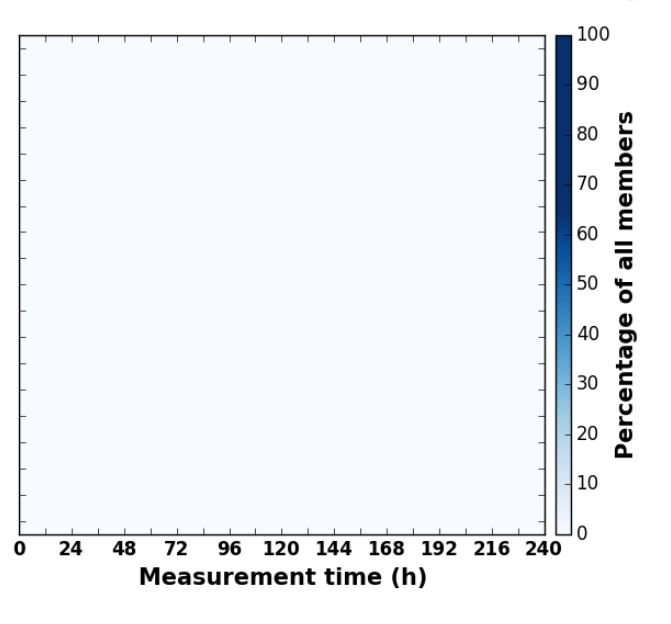
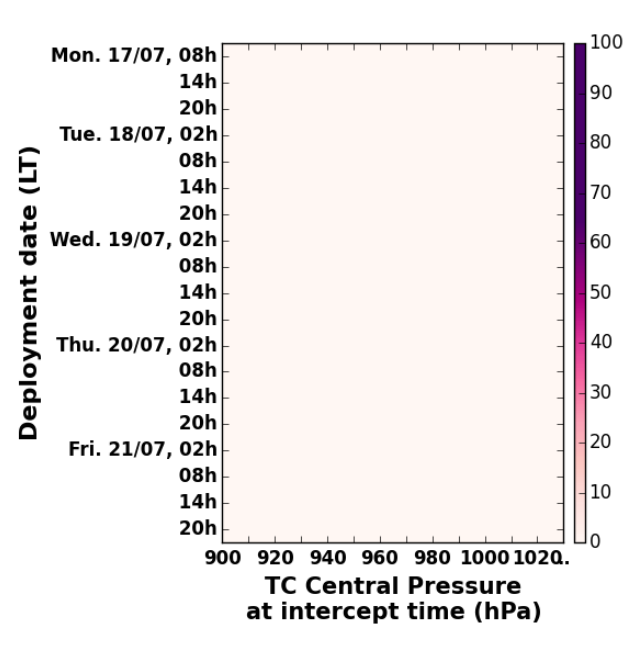
▢ Analysis
○ Deterministic forecast (HRES)
▨ Data not available

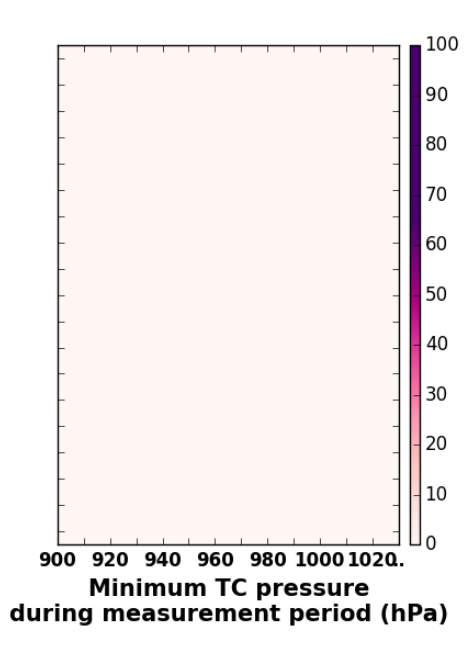
Forecast date: Sun. 16/07, 12h (UTC)

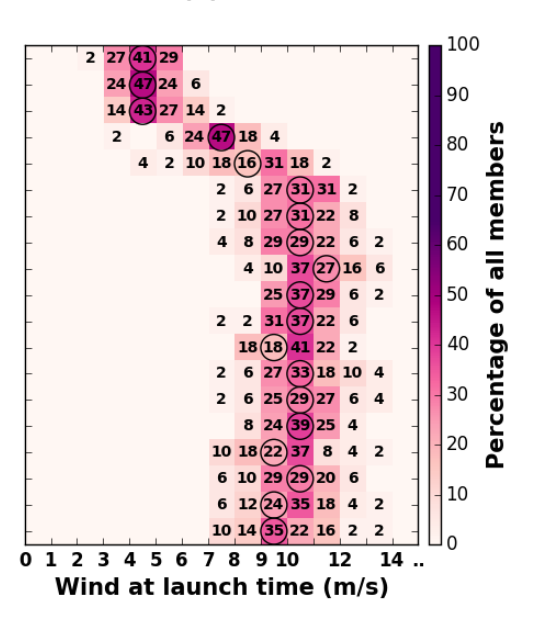
Site: DiegoGarcia
Speed function: U10_speed_Helikite_3
Method: Named cyclones (300km)







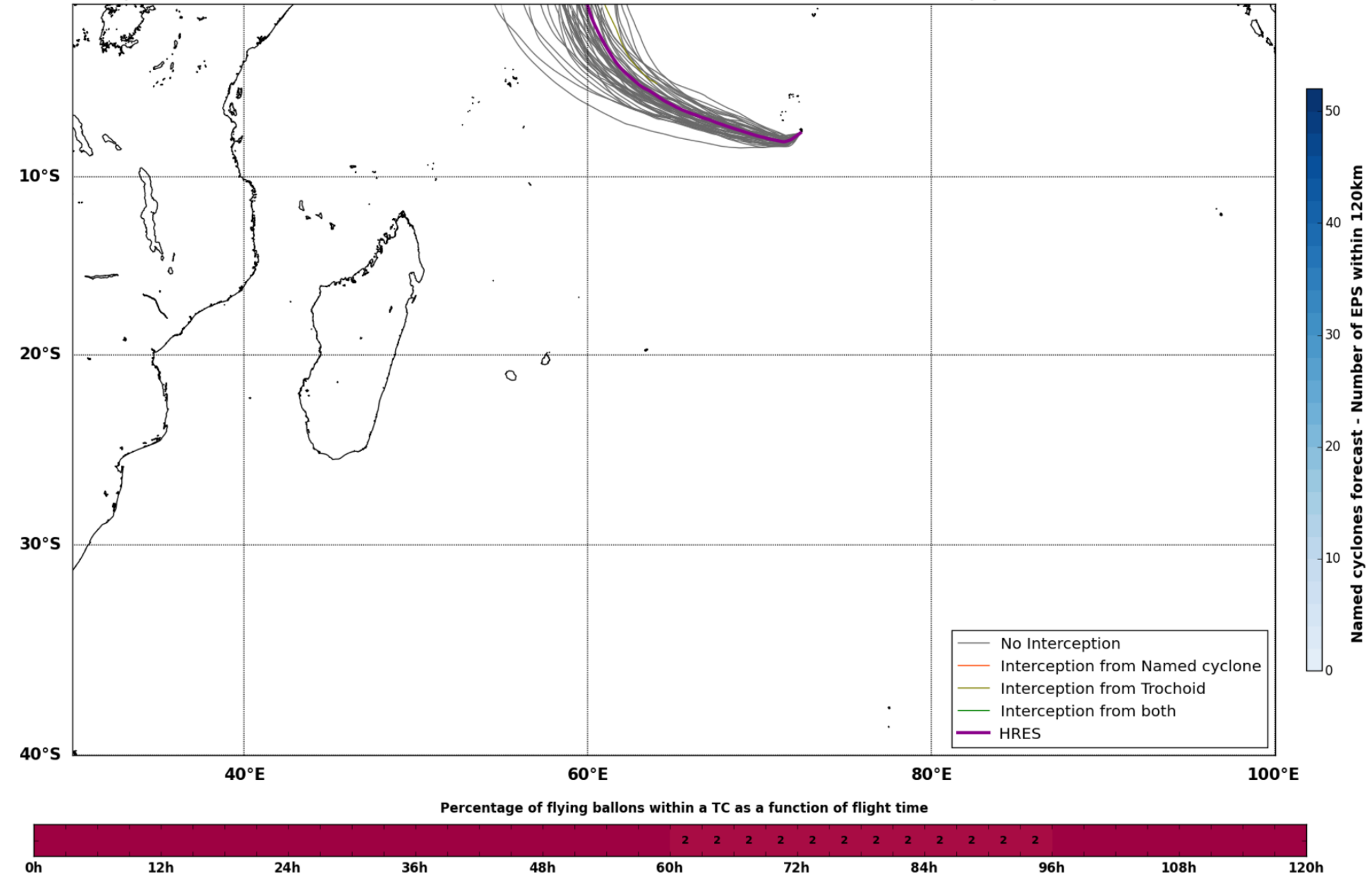




Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2

Mon. 17/07, 08h (LT)

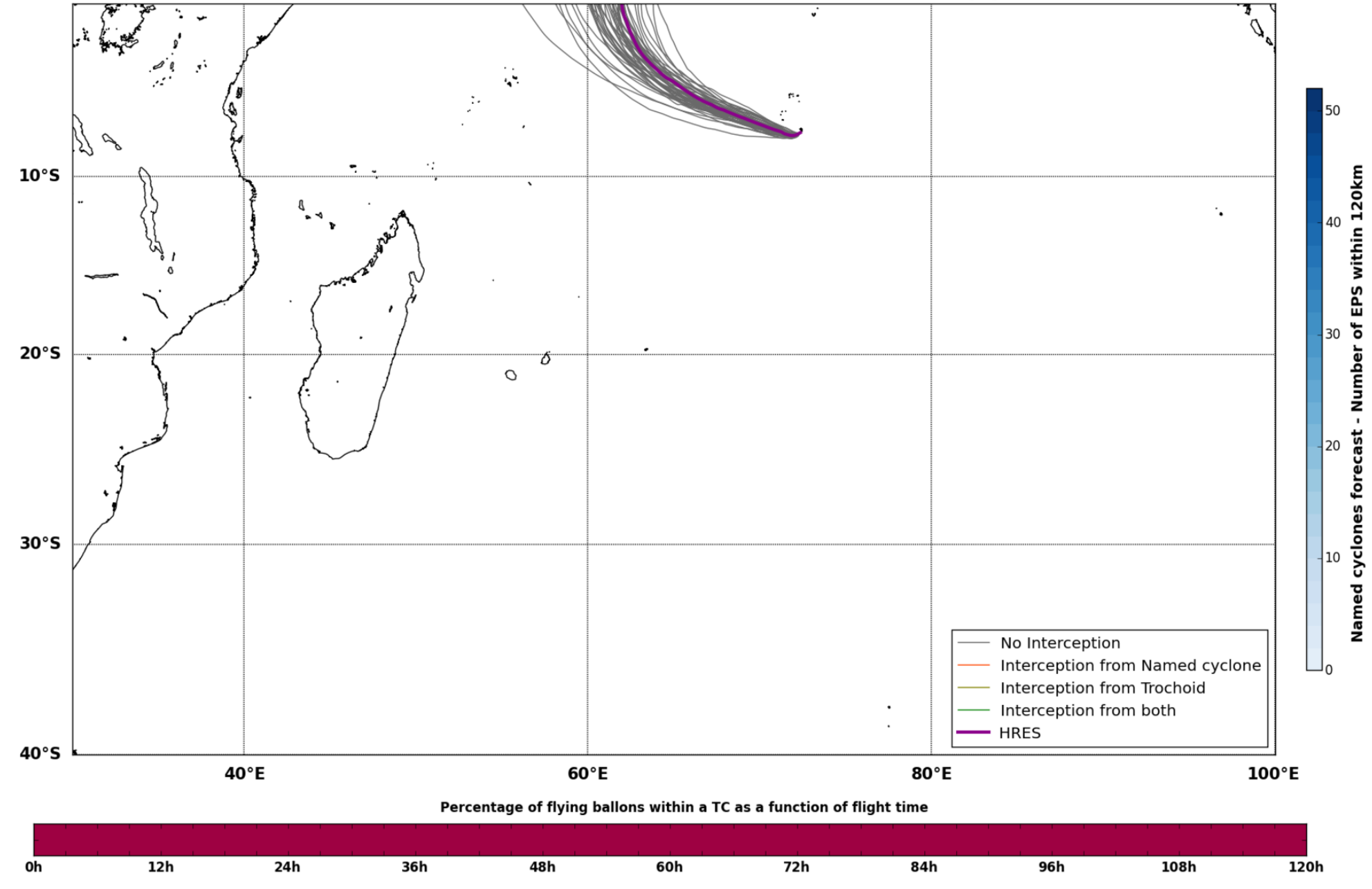
Site: DiegoGarcia
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Mon. 17/07, 02h (UTC)


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
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

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

Mon. 17/07, 14h (LT)

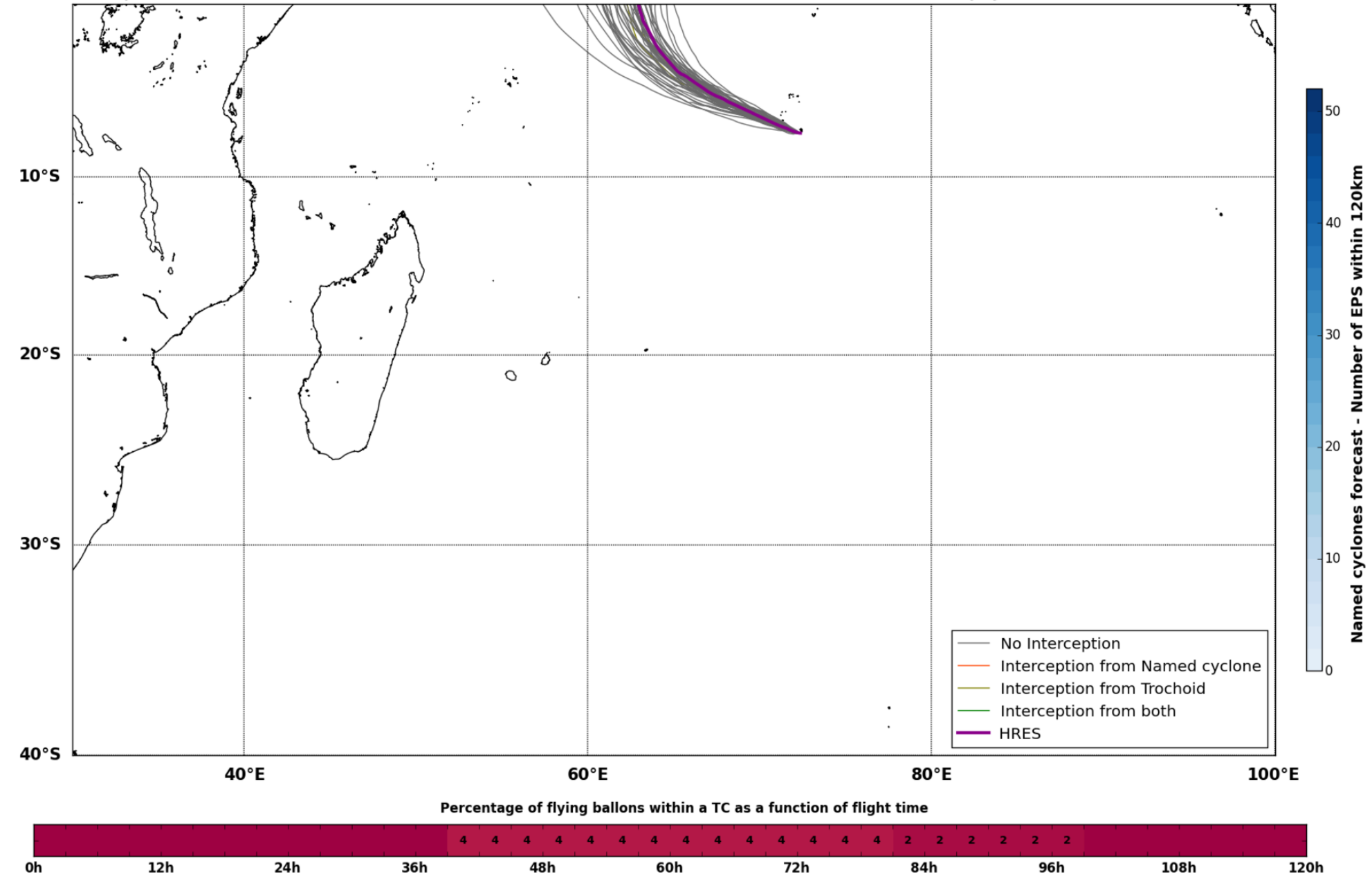
Site: DiegoGarcia
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Mon. 17/07, 08h (UTC)


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
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

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

Mon. 17/07, 20h (LT)

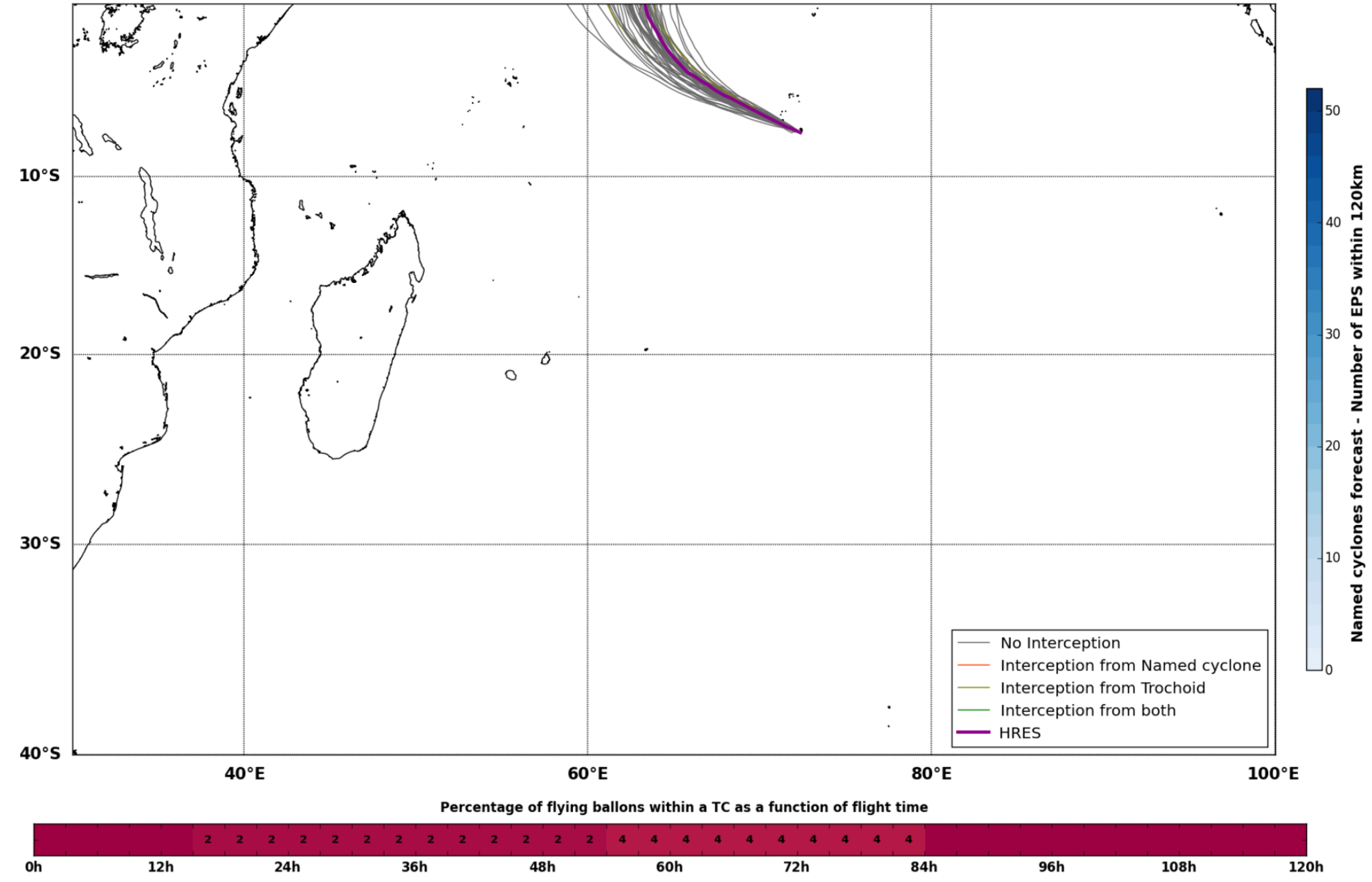
Site: DiegoGarcia
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Mon. 17/07, 14h (UTC)


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
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

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

Tue. 18/07, 02h (LT)

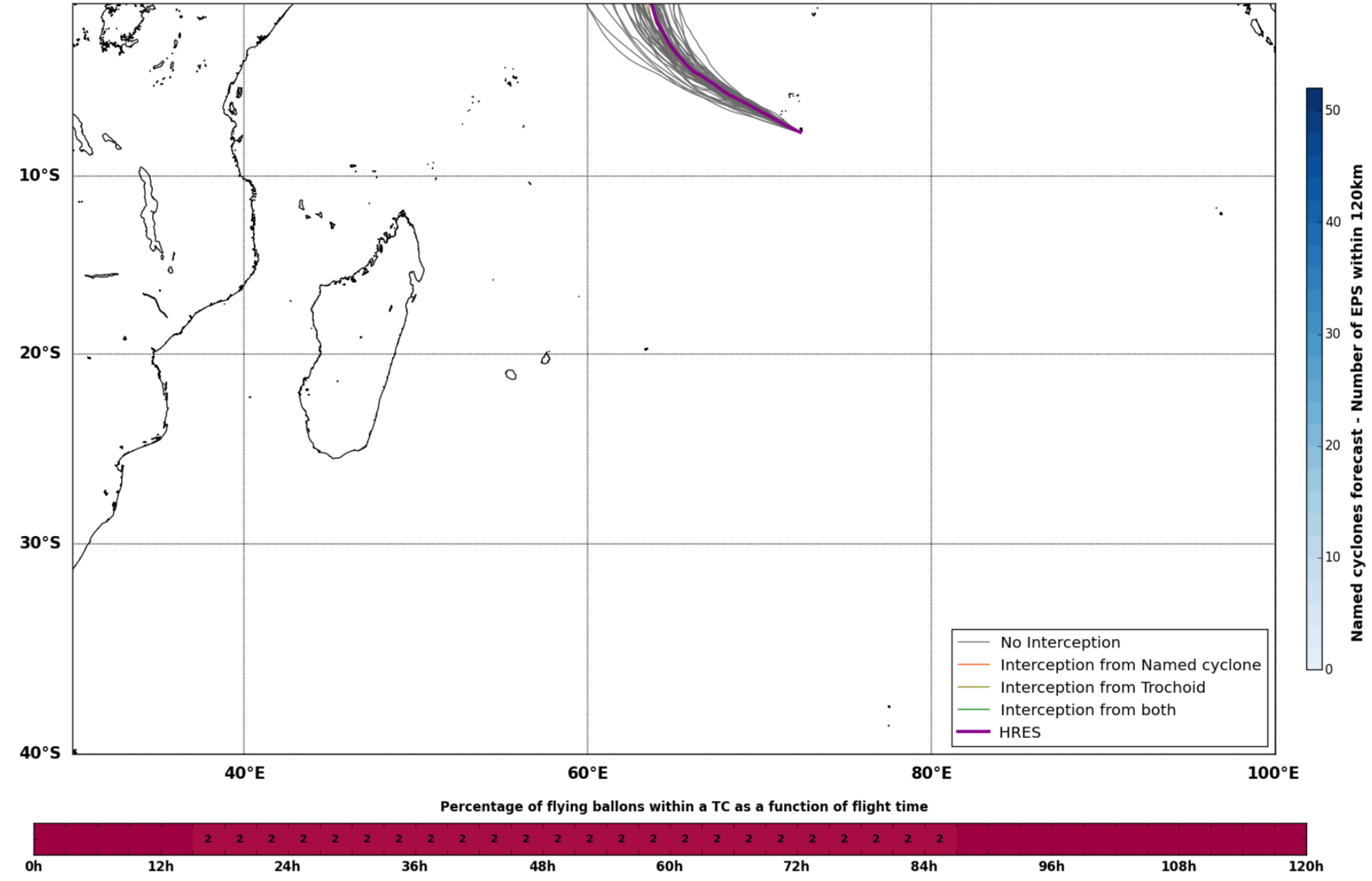
Site: DiegoGarcia
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Mon. 17/07, 20h (UTC)


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
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

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

Tue. 18/07, 08h (LT)

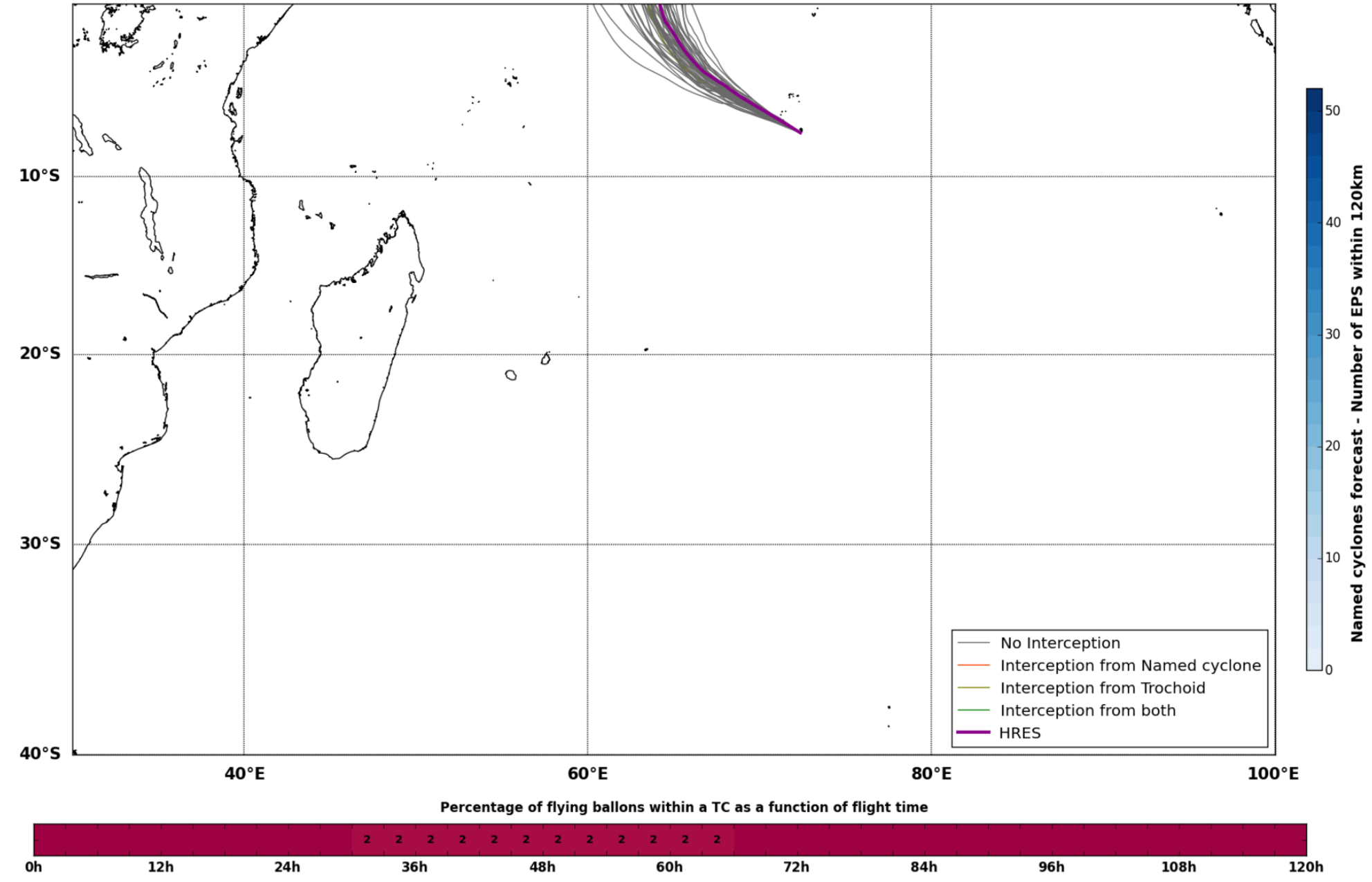
Site: DiegoGarcia
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Tue. 18/07, 02h (UTC)


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
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

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

Tue. 18/07, 14h (LT)

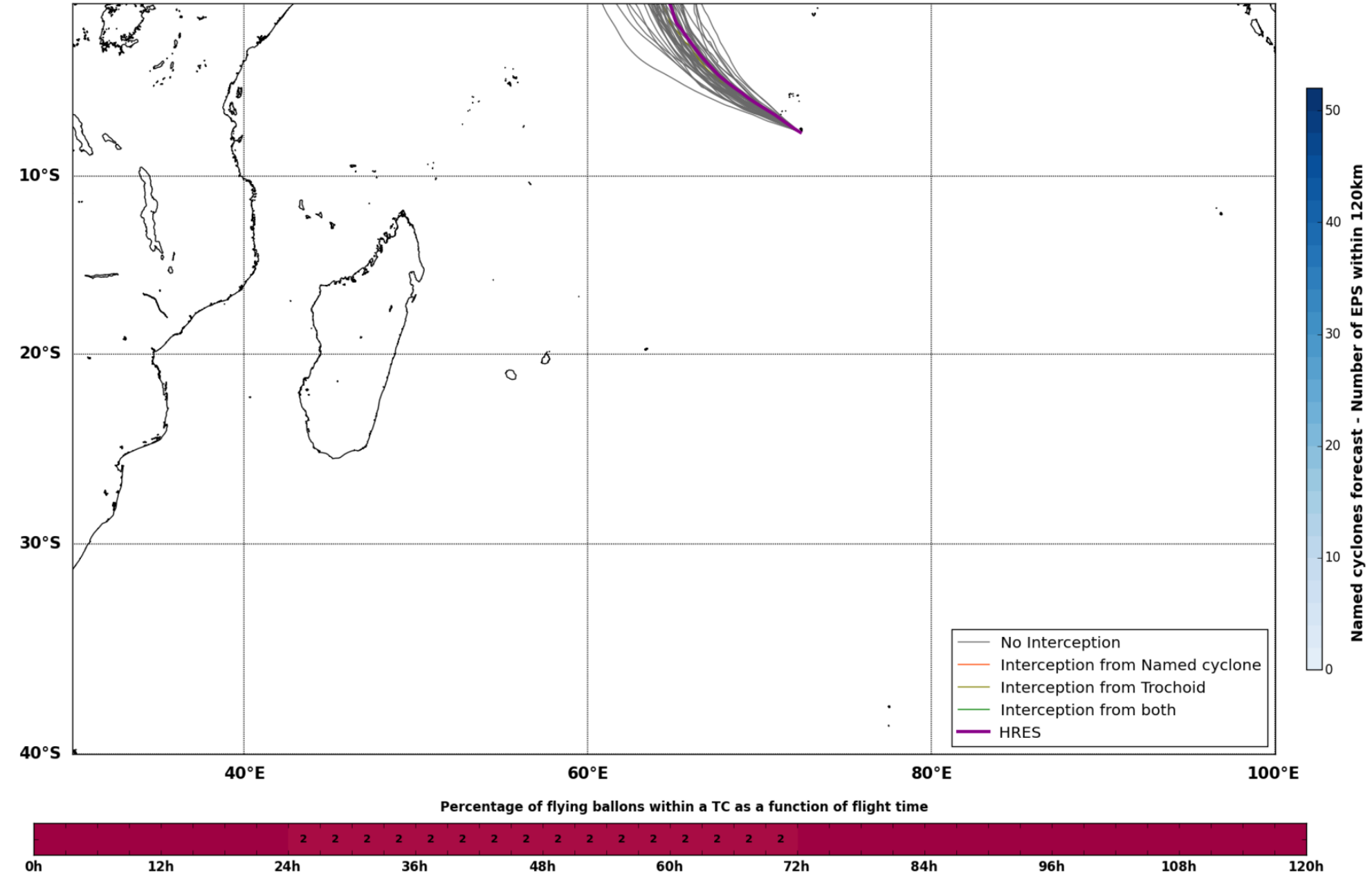
Site: DiegoGarcia
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Tue. 18/07, 08h (UTC)


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
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

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

Tue. 18/07, 20h (LT)

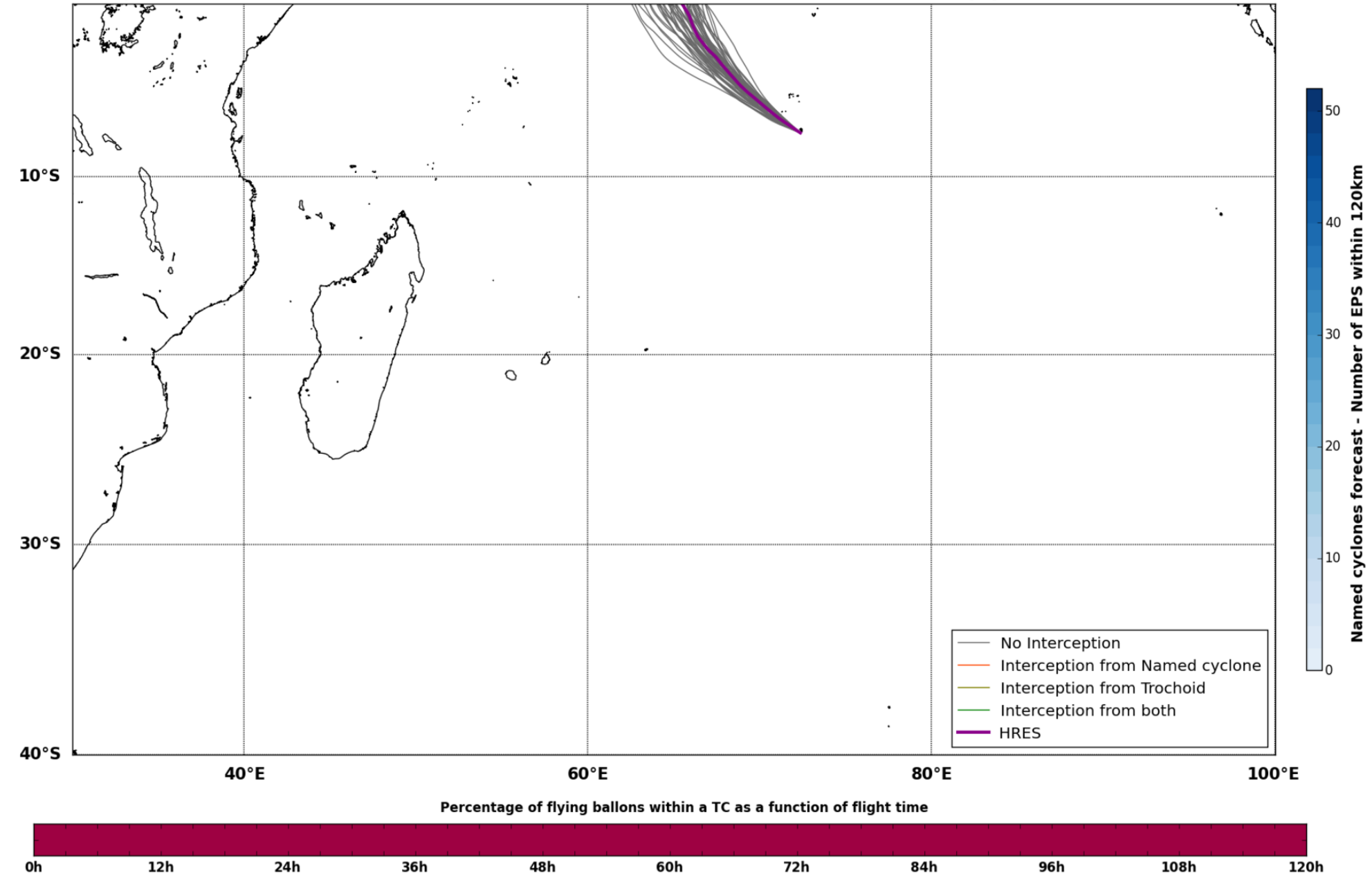
Site: DiegoGarcia
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Tue. 18/07, 14h (UTC)


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
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

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

Wed. 19/07, 08h (LT)

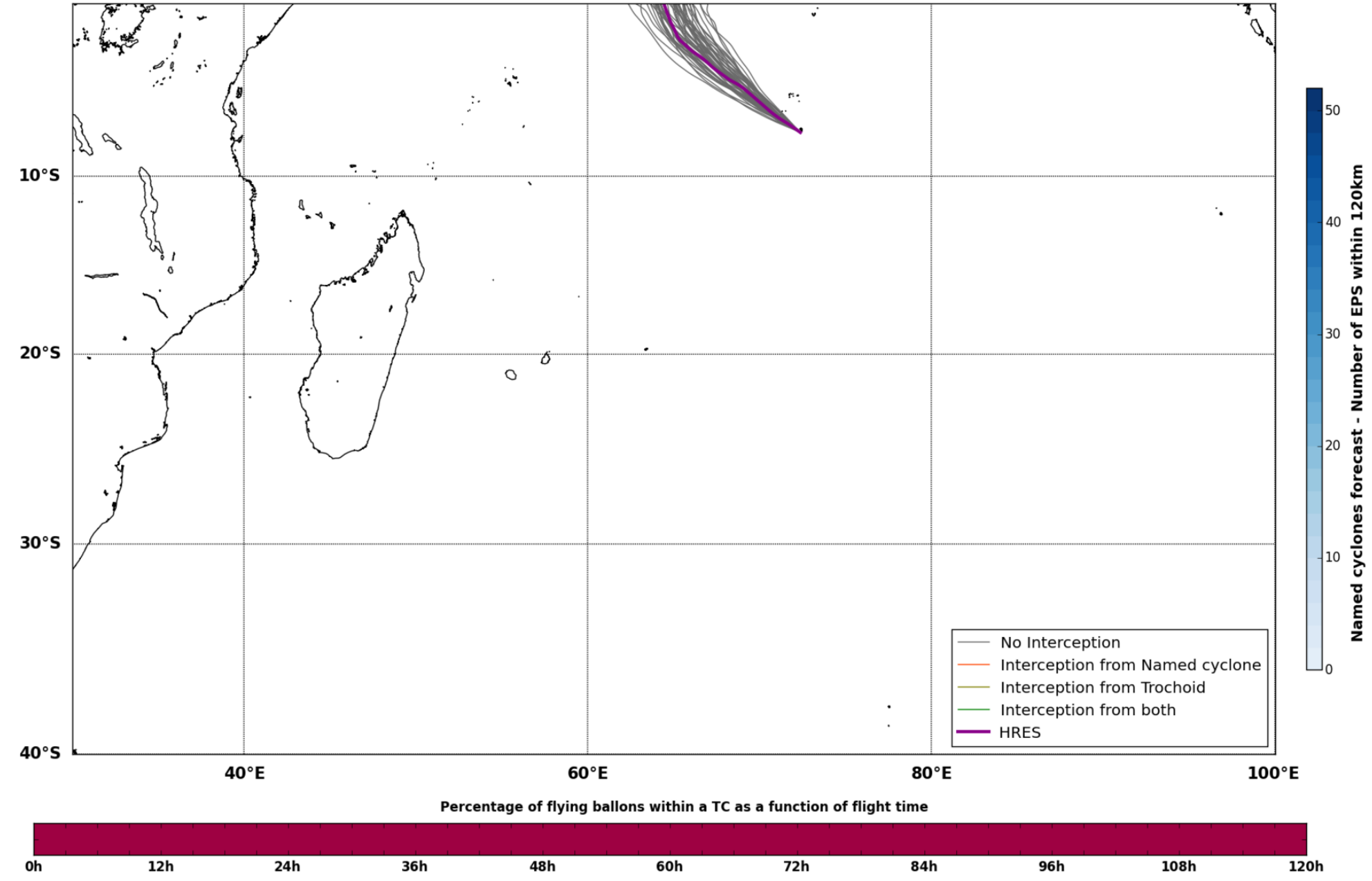
Site: DiegoGarcia
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Wed. 19/07, 02h (UTC)


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
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

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

Wed. 19/07, 20h (LT)

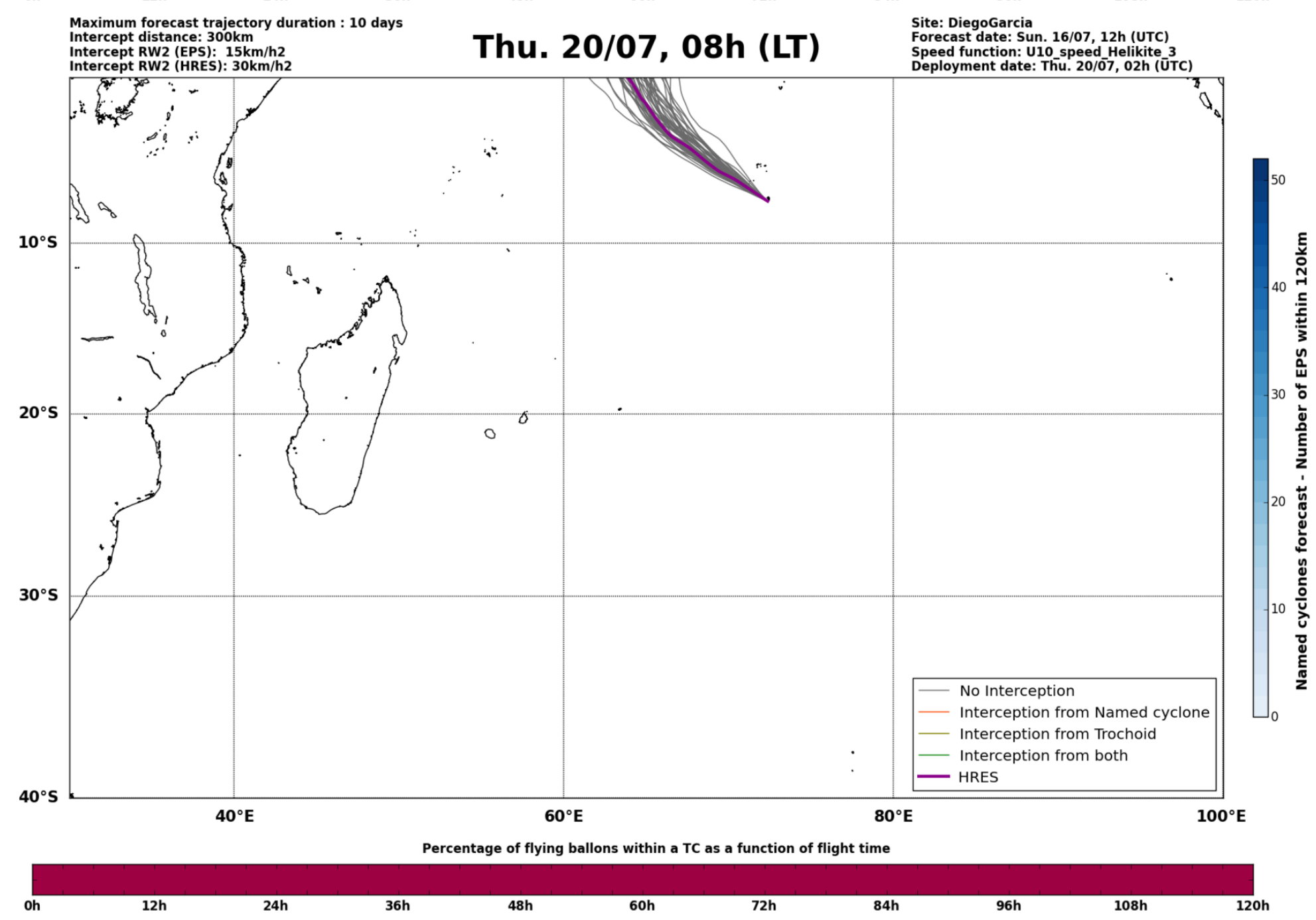
Site: DiegoGarcia
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Wed. 19/07, 14h (UTC)


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
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

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

Thu. 20/07, 08h (LT)

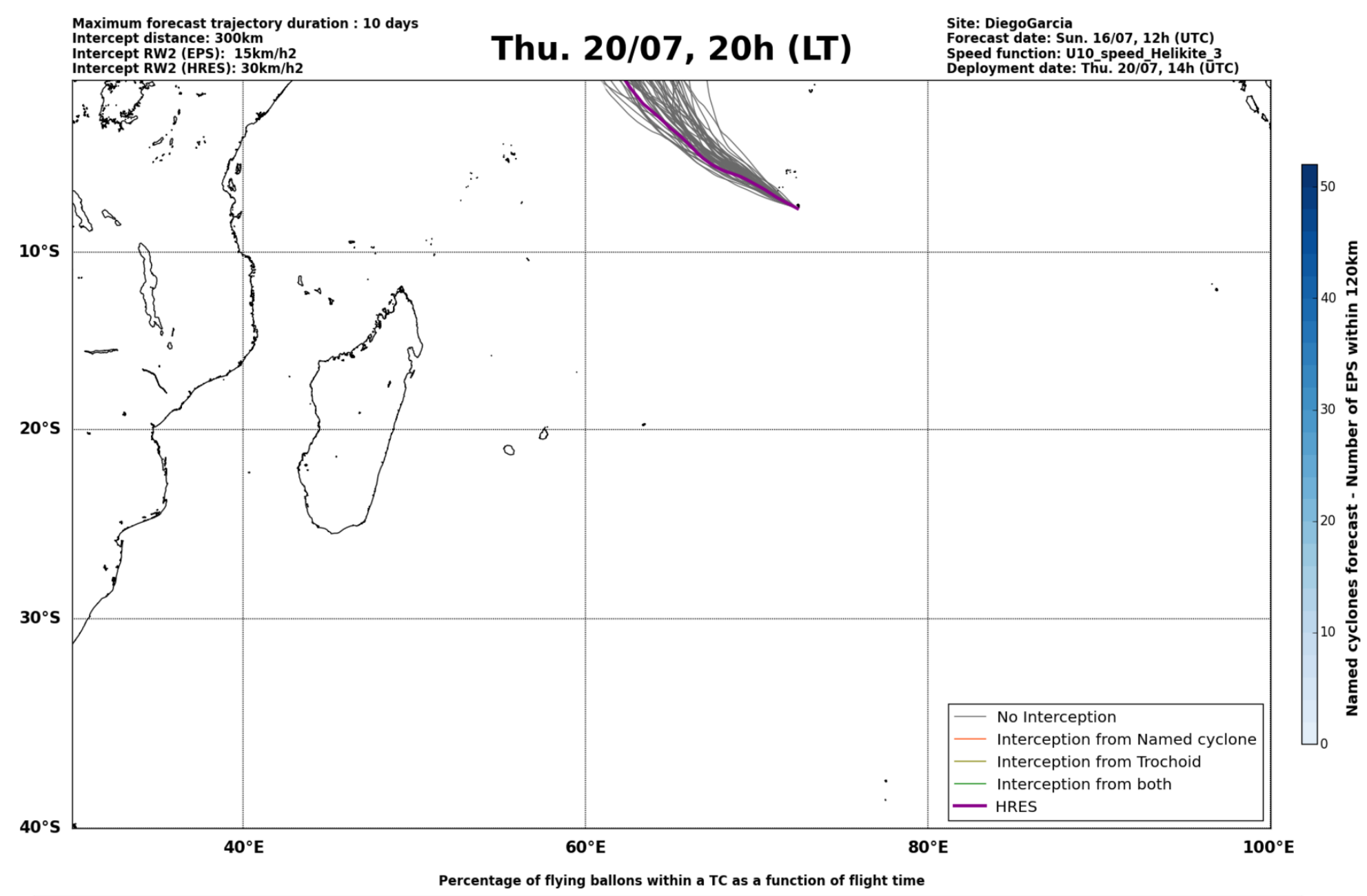
Site: DiegoGarcia
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Thu. 20/07, 02h (UTC)


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
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

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

Thu. 20/07, 20h (LT)

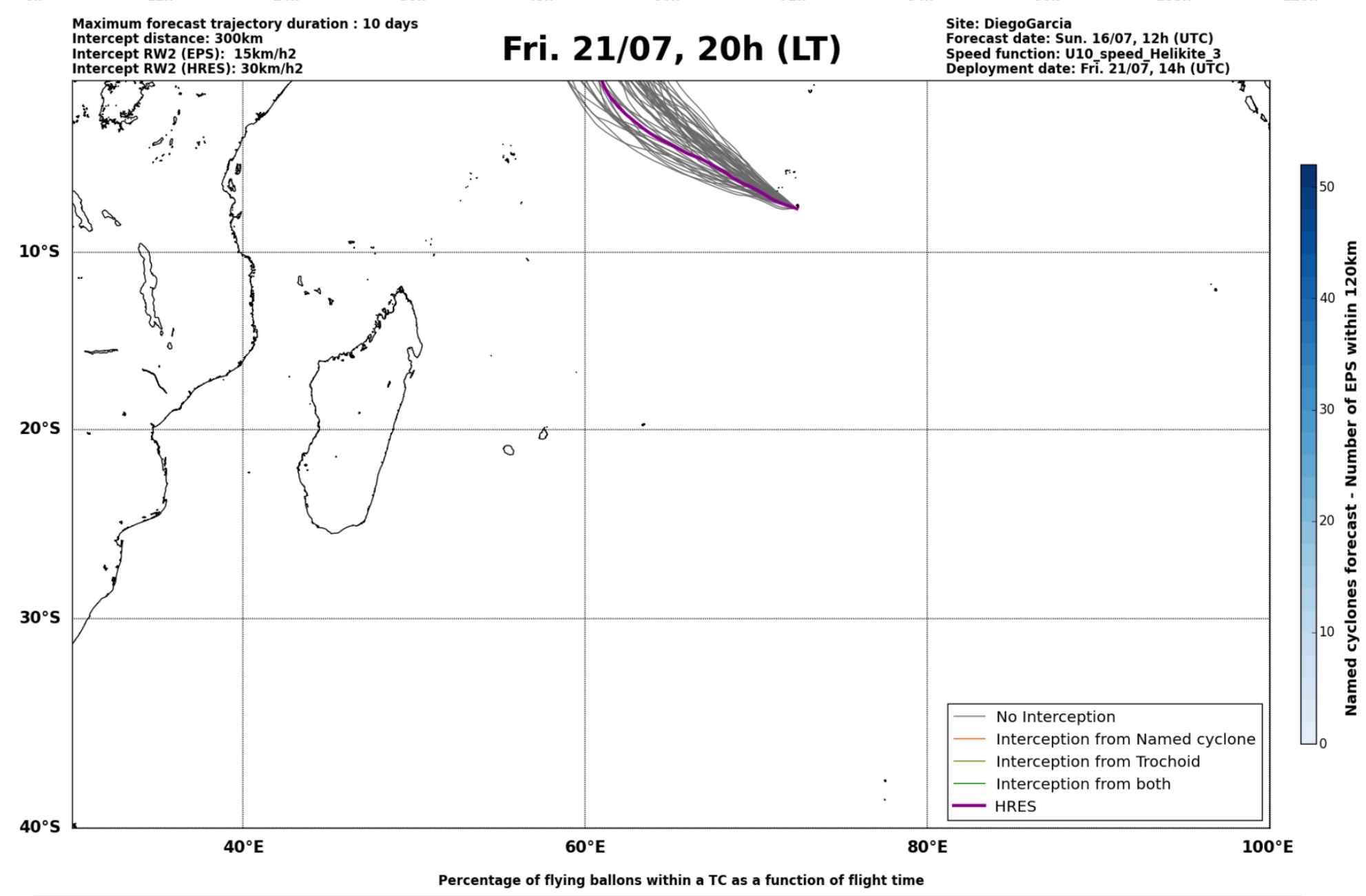
Site: DiegoGarcia
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Thu. 20/07, 14h (UTC)


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
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

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

Fri. 21/07, 20h (LT)

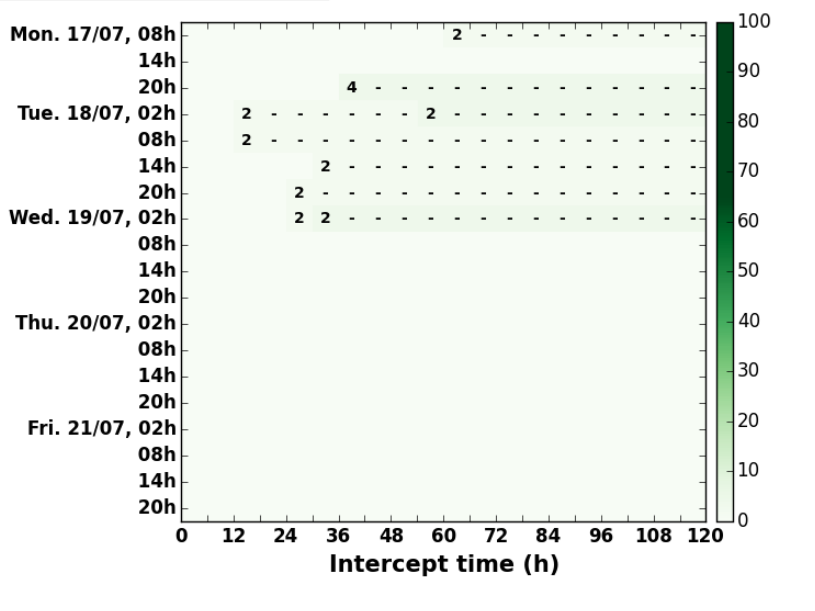
Site: DiegoGarcia
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Fri. 21/07, 14h (UTC)

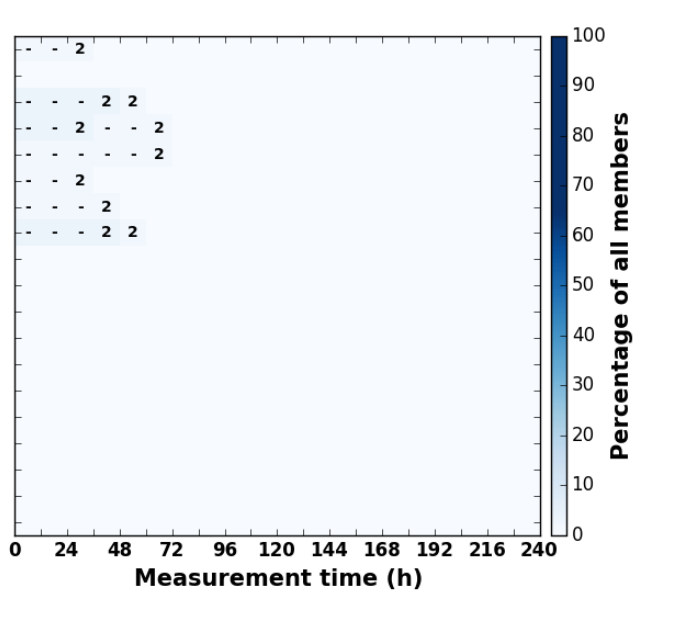

10°S
20°S
30°S
40°S
40°E
60°E
80°E
100°E
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

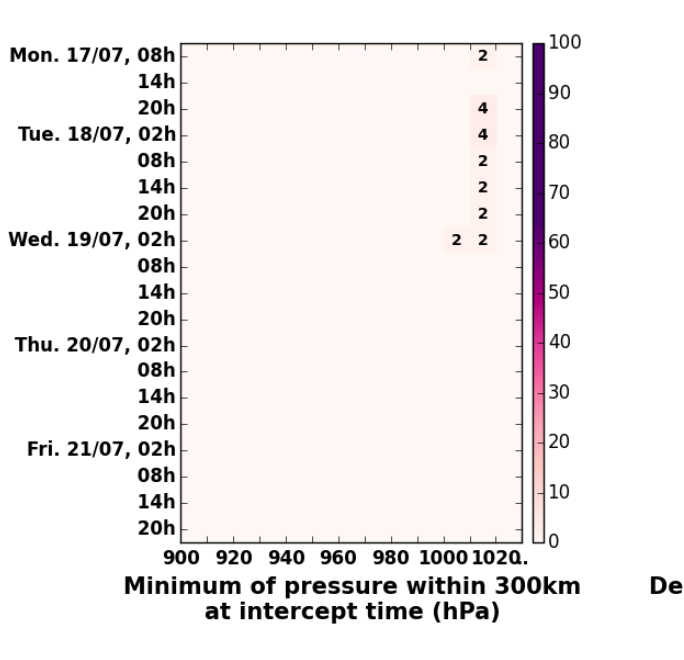
▢ Analysis
○ Deterministic forecast (HRES)
▨ Data not available

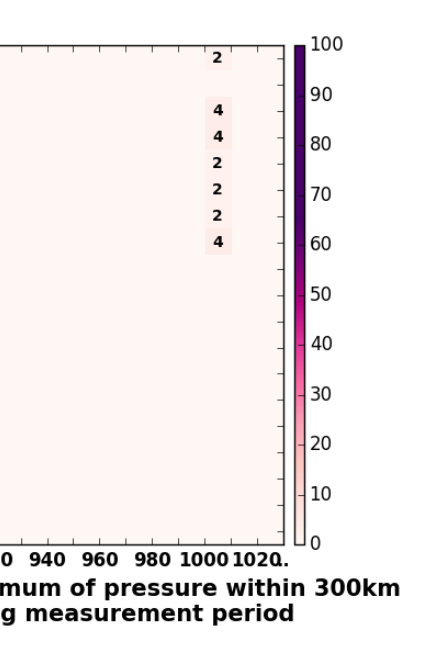
Forecast date: Sun. 16/07, 12h (UTC)

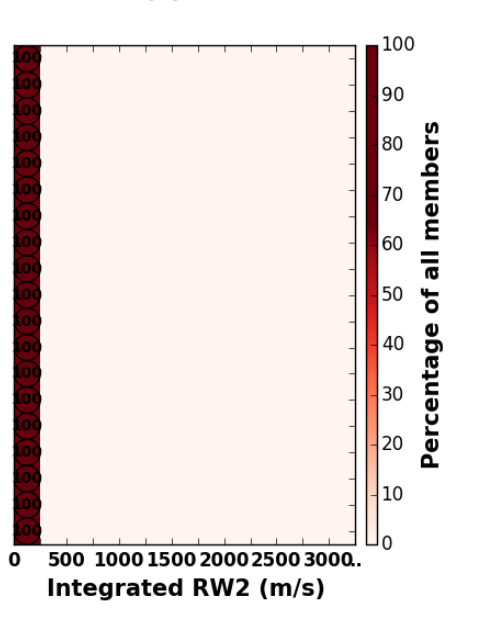
Site: DiegoGarcia
Speed function: U10_speed_Helikite_3
Method: Trochoid (15/30km/h2)





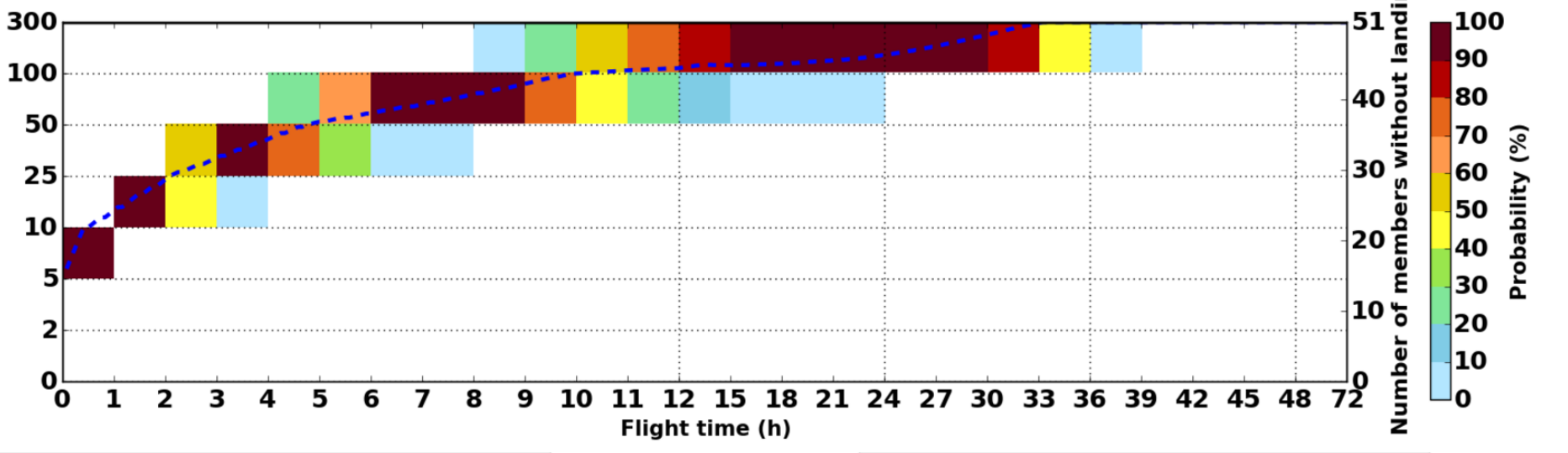


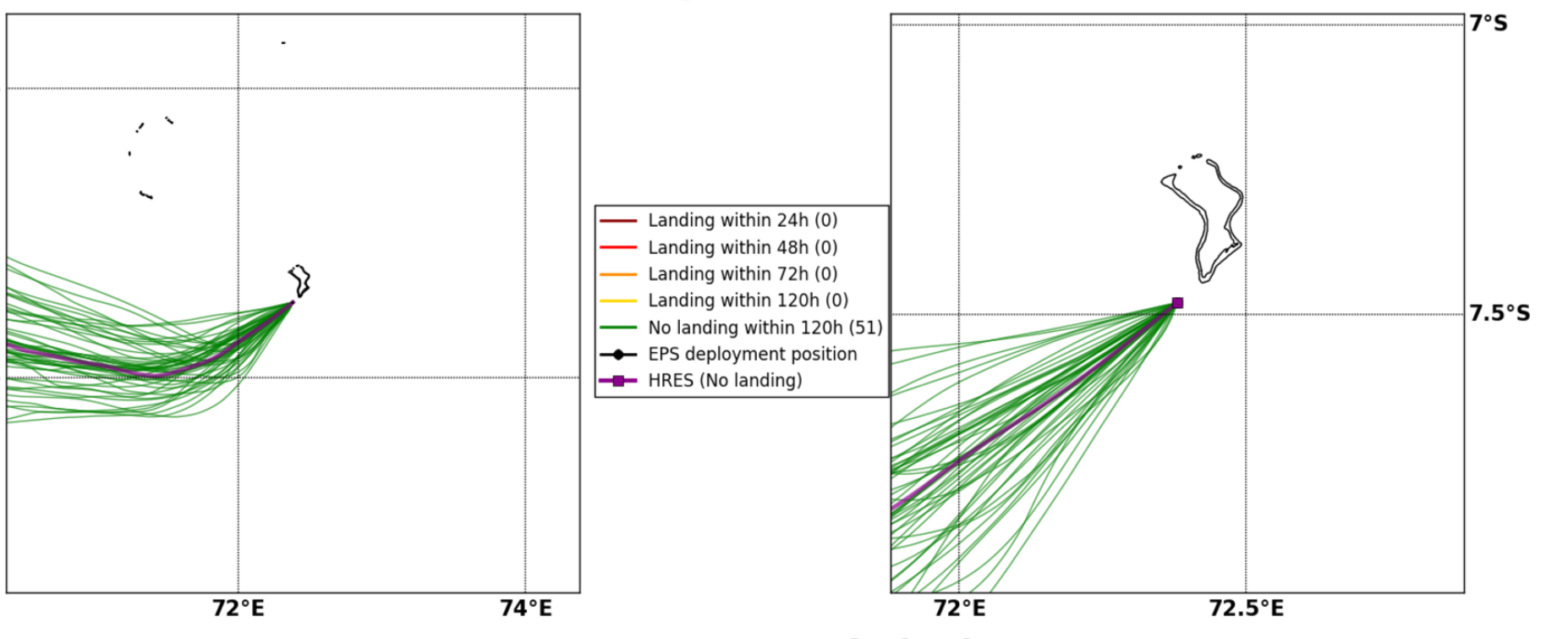




Mon. 17/07, 08h (LT)

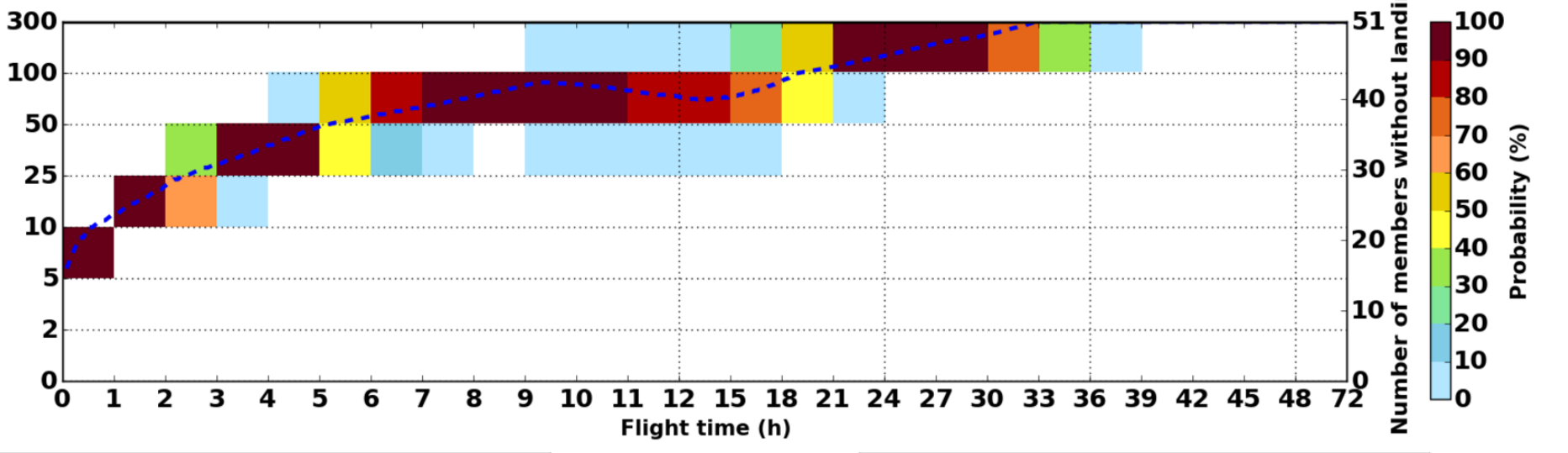
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Mon. 17/07, 02h (UTC)

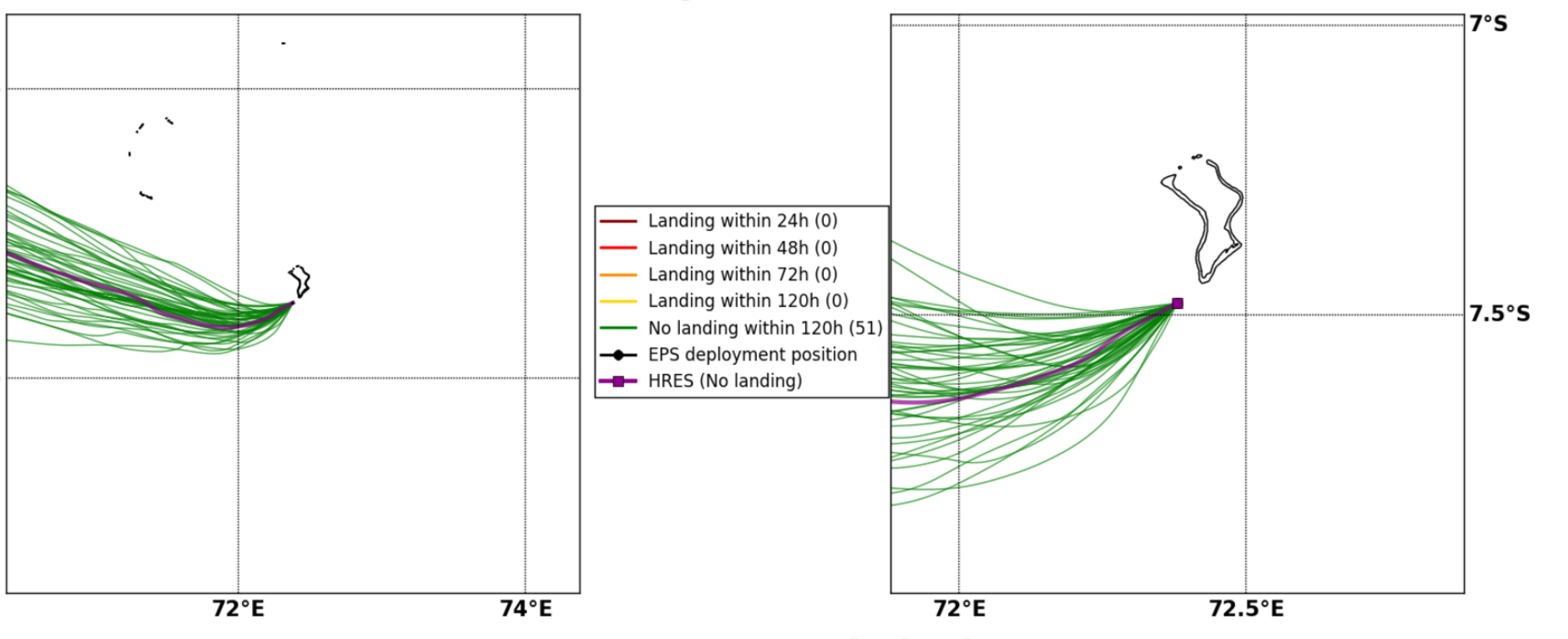



6°S
8°S
72°E
74°E
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)
7°S
7.5°S
72°E
72.5°E

Mon. 17/07, 14h (LT)

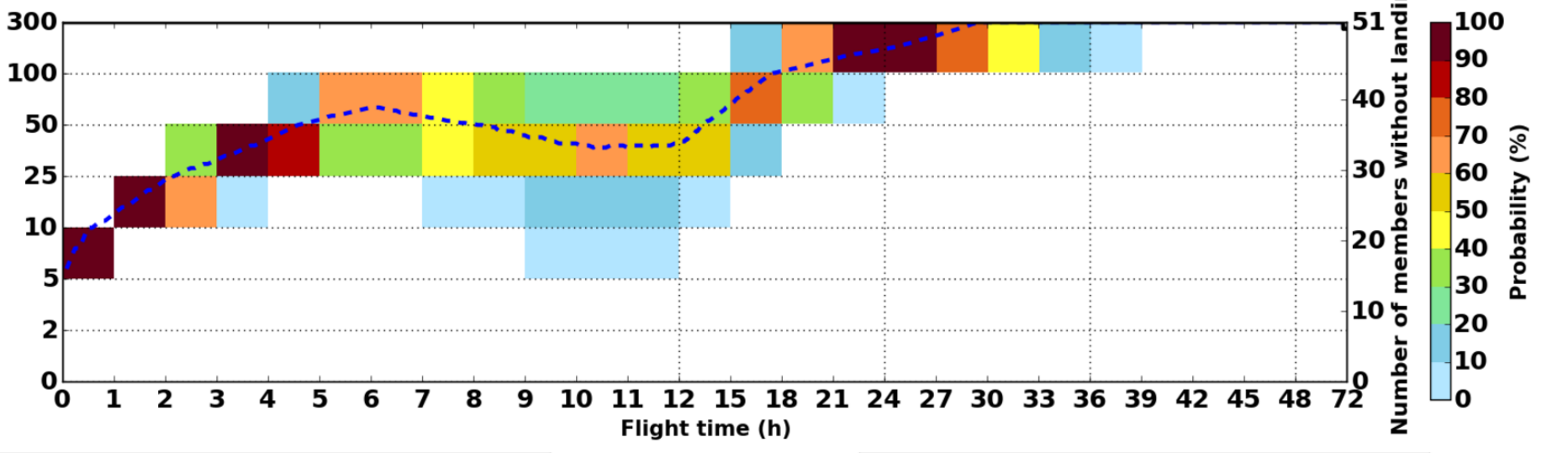
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Mon. 17/07, 08h (UTC)

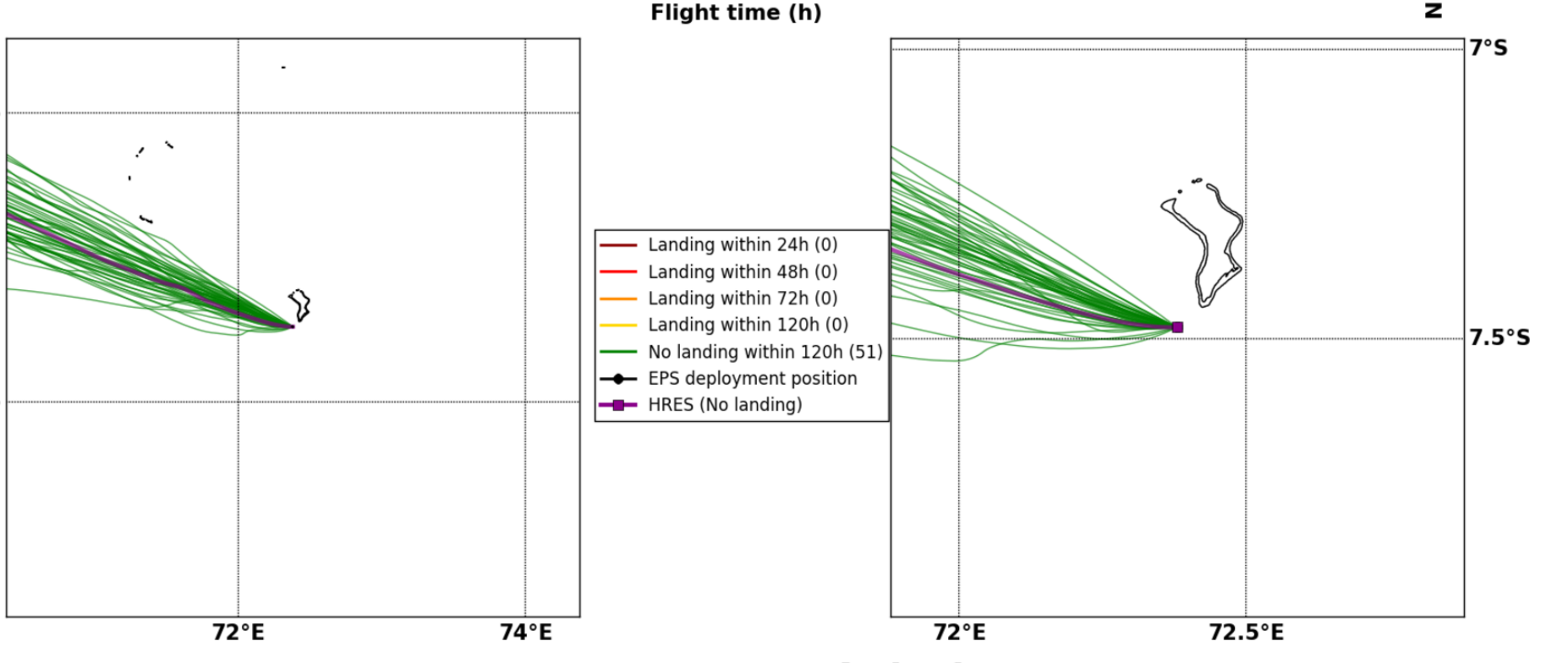



6°S
8°S
72°E
74°E
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)
7°S
7.5°S
72°E
72.5°E

Mon. 17/07, 20h (LT)

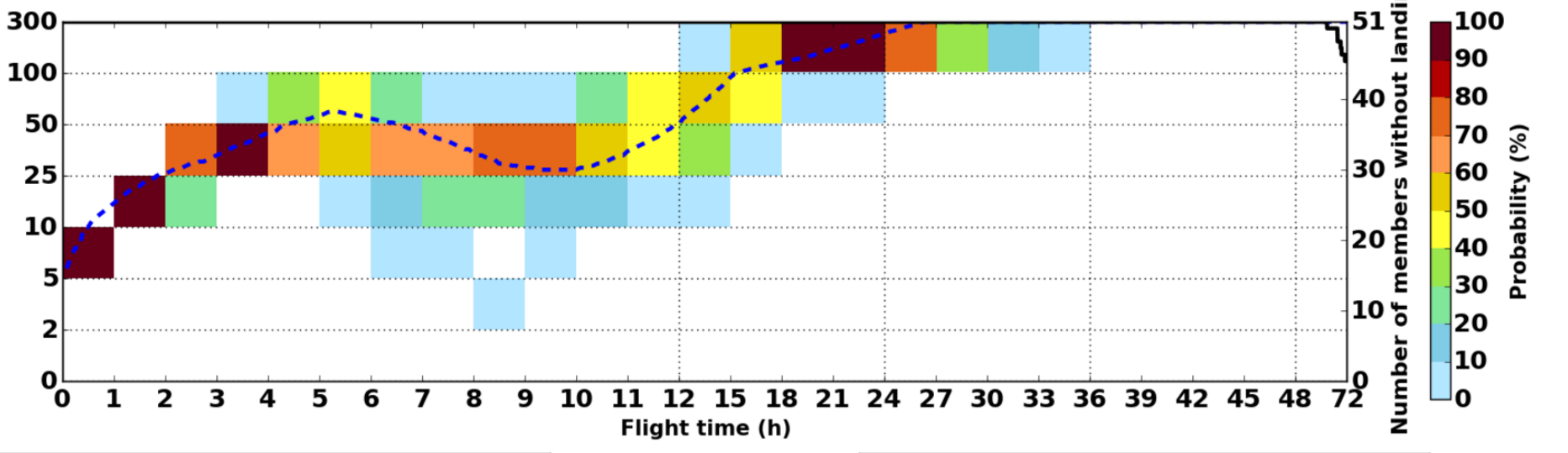
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Mon. 17/07, 14h (UTC)

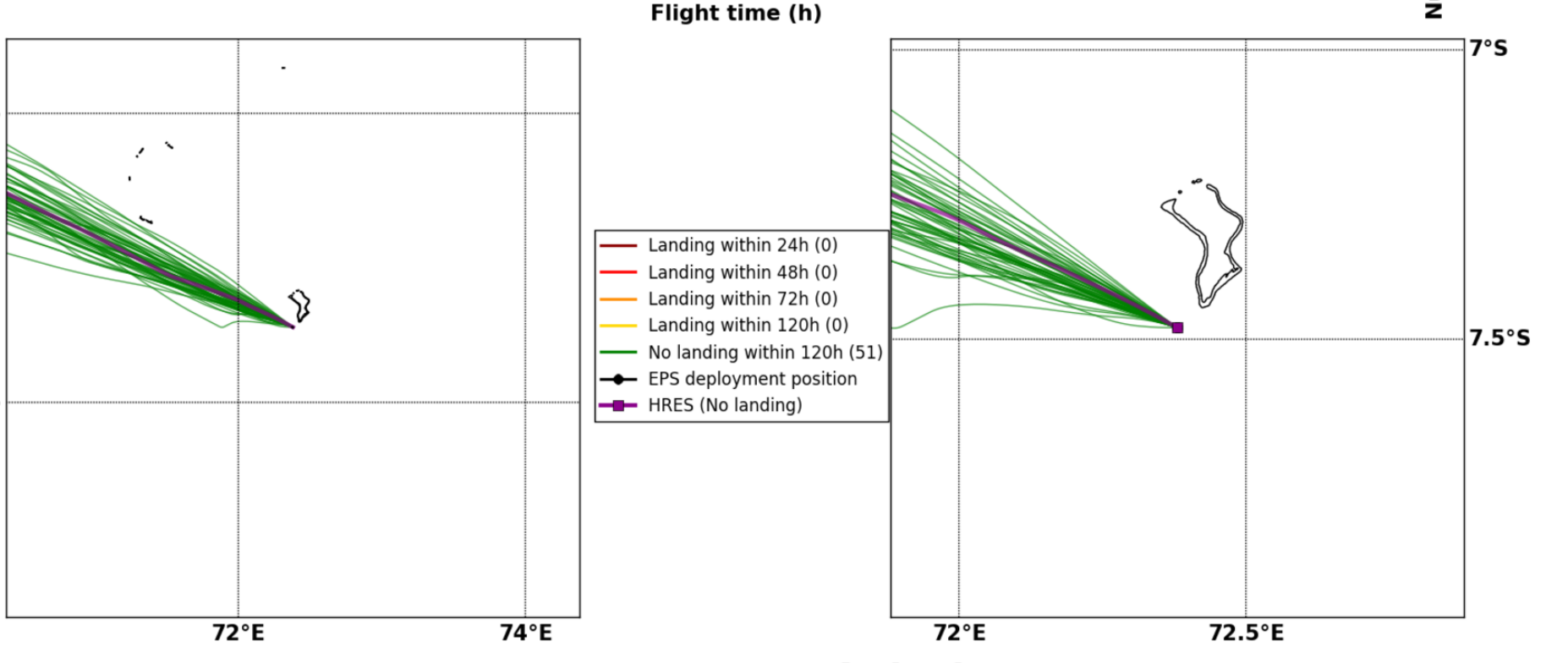



Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)

Tue. 18/07, 02h (LT)

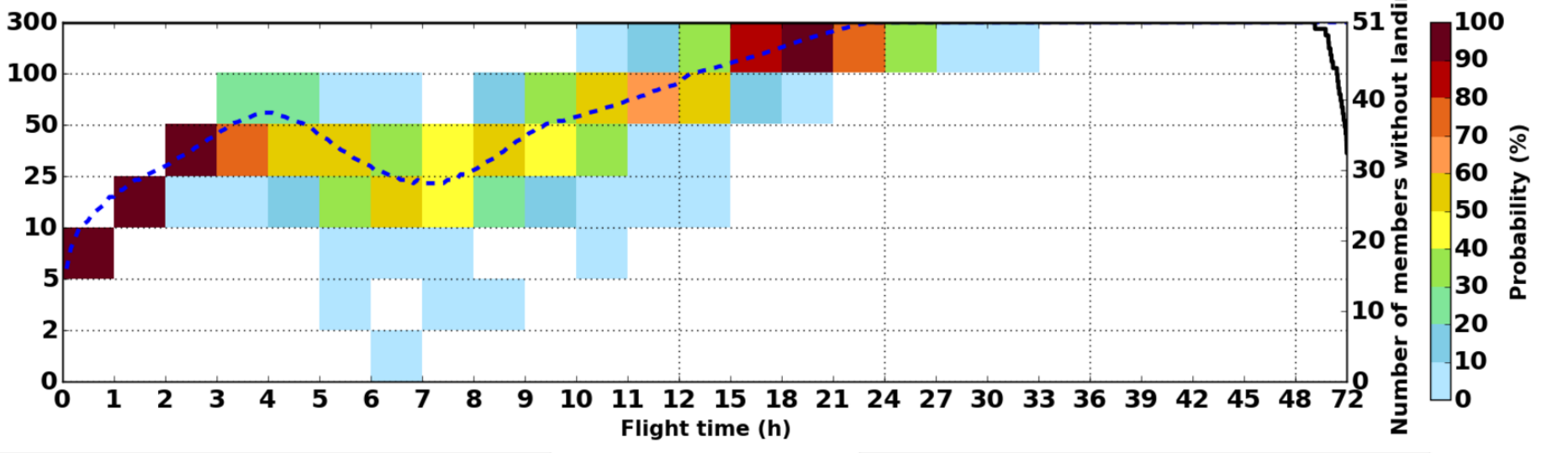
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Mon. 17/07, 20h (UTC)

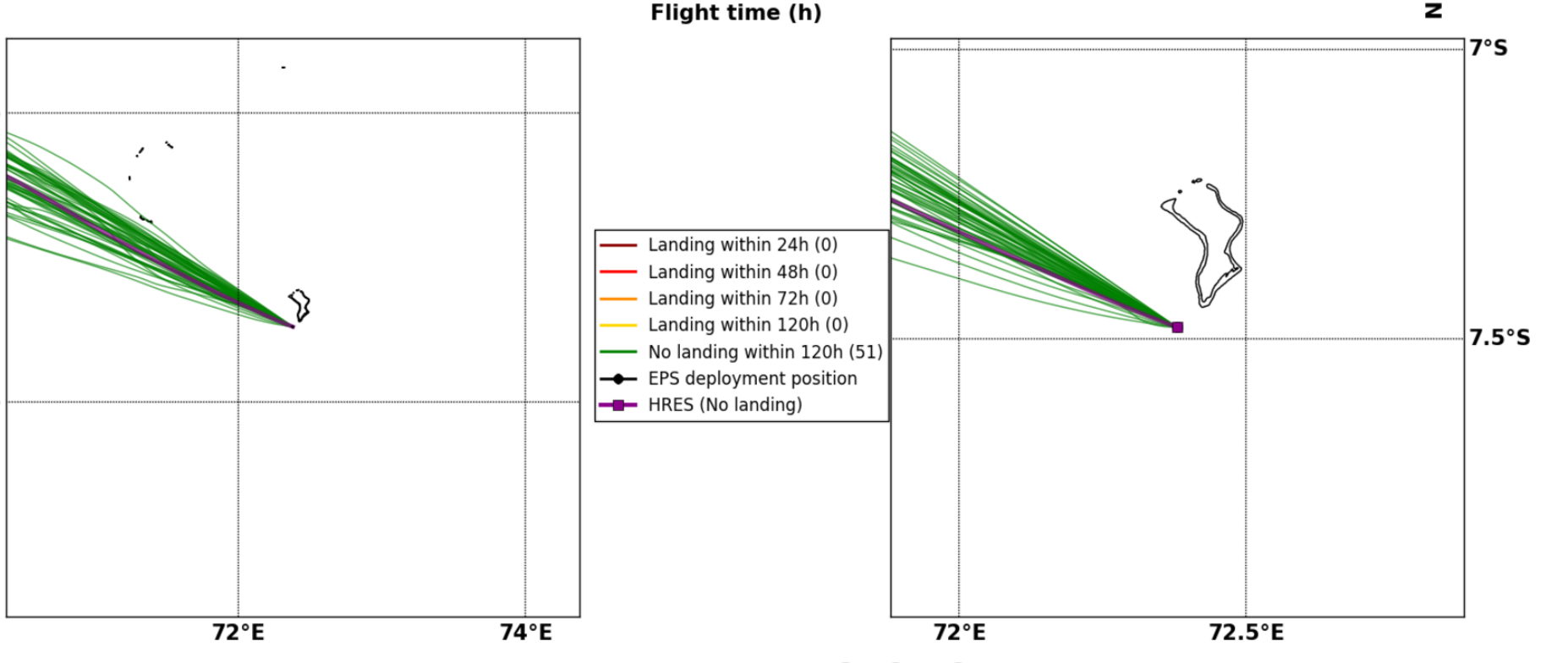



Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)

Tue. 18/07, 08h (LT)

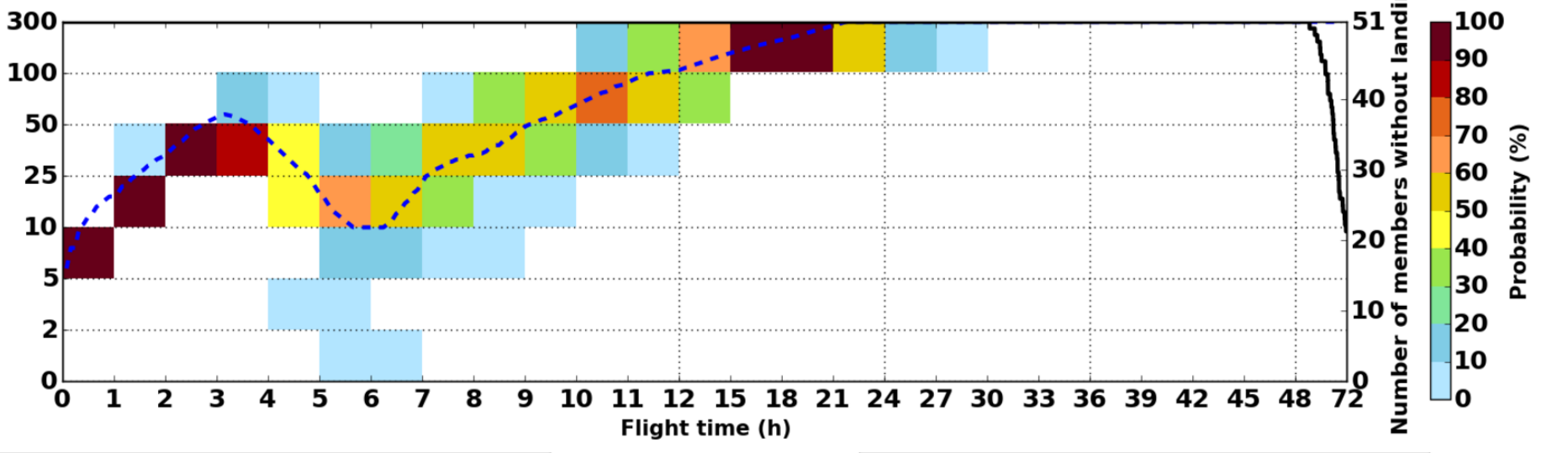
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Tue. 18/07, 02h (UTC)

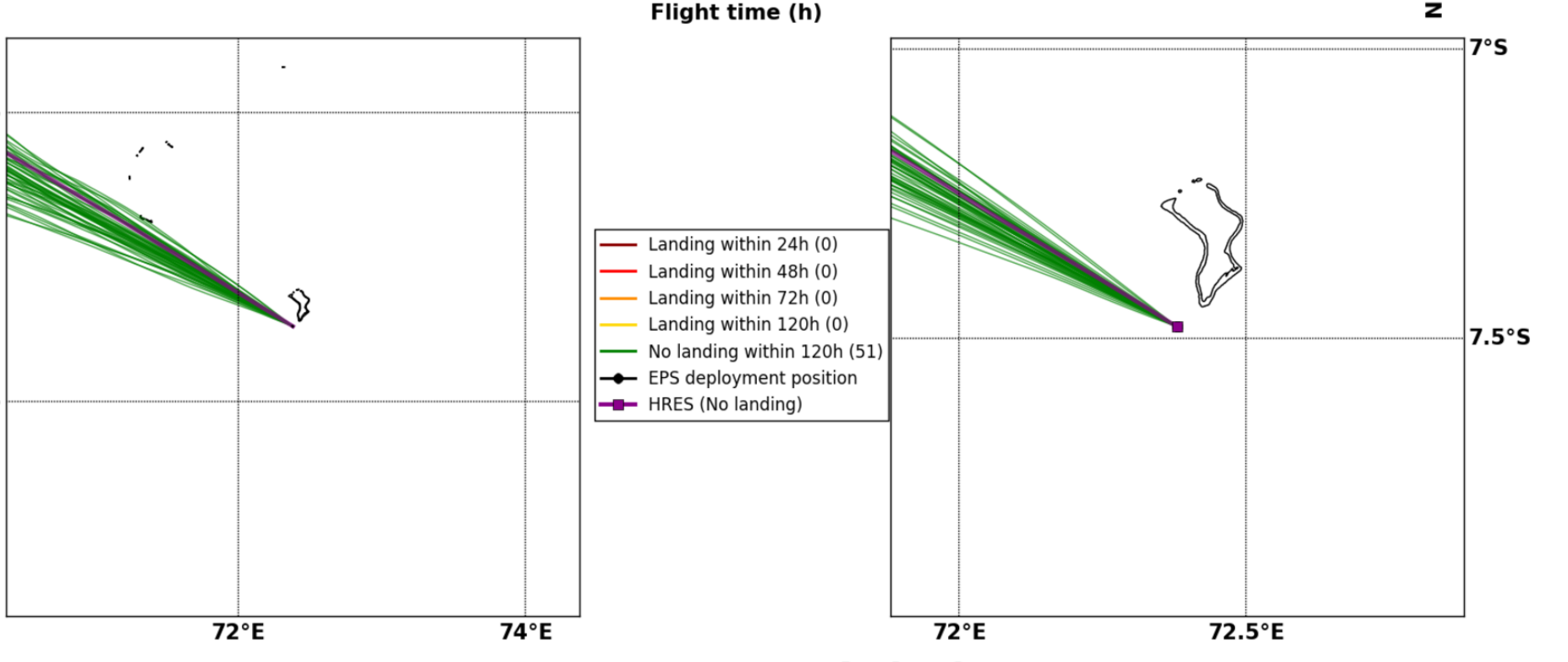



Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)

Tue. 18/07, 14h (LT)

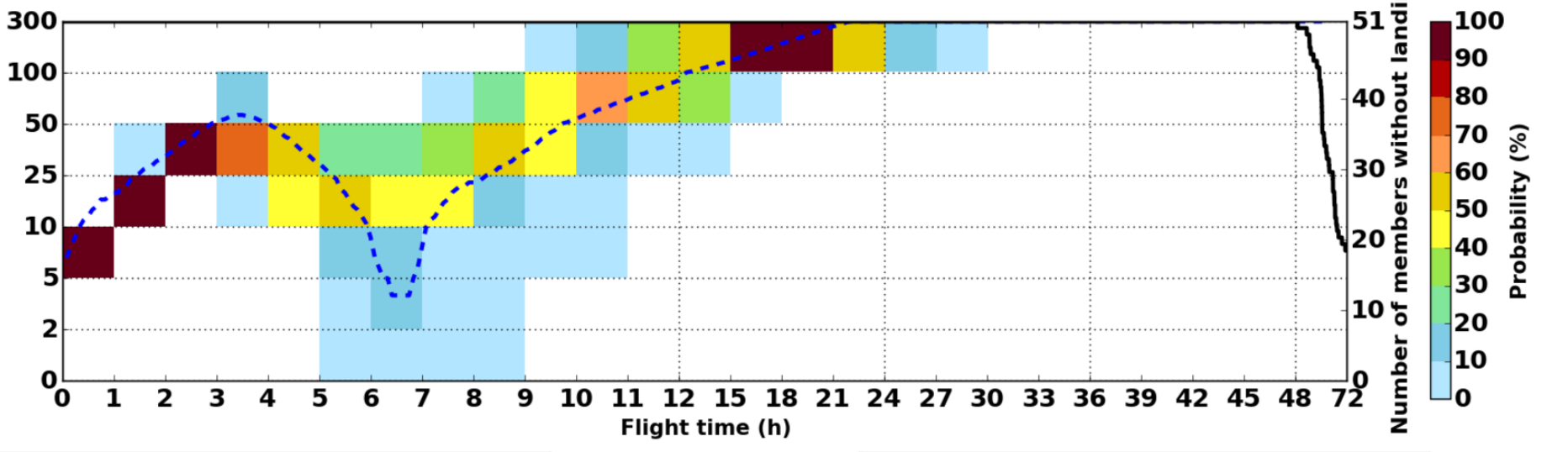
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Tue. 18/07, 08h (UTC)

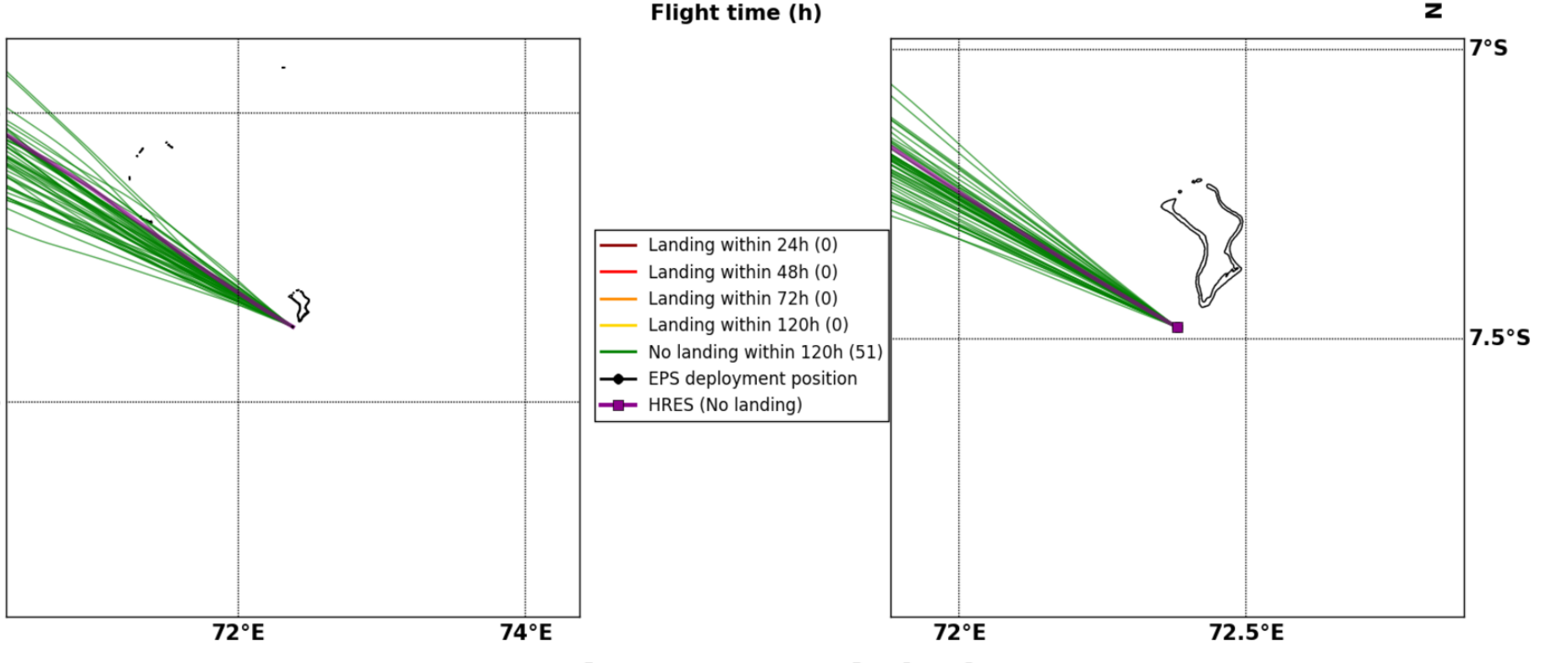



Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)

Tue. 18/07, 20h (LT)

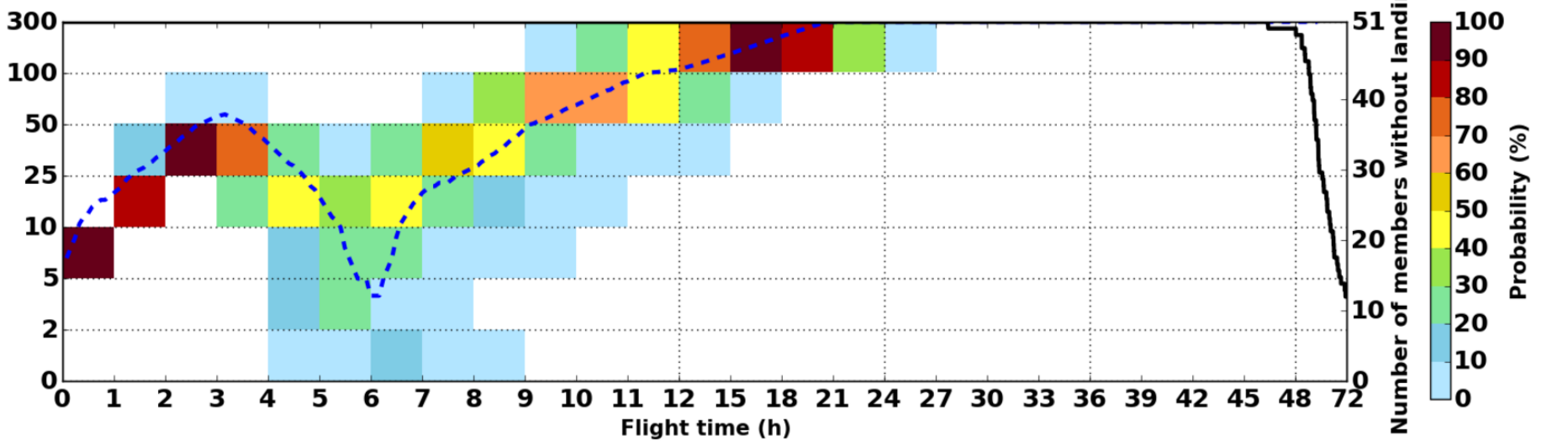
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Tue. 18/07, 14h (UTC)

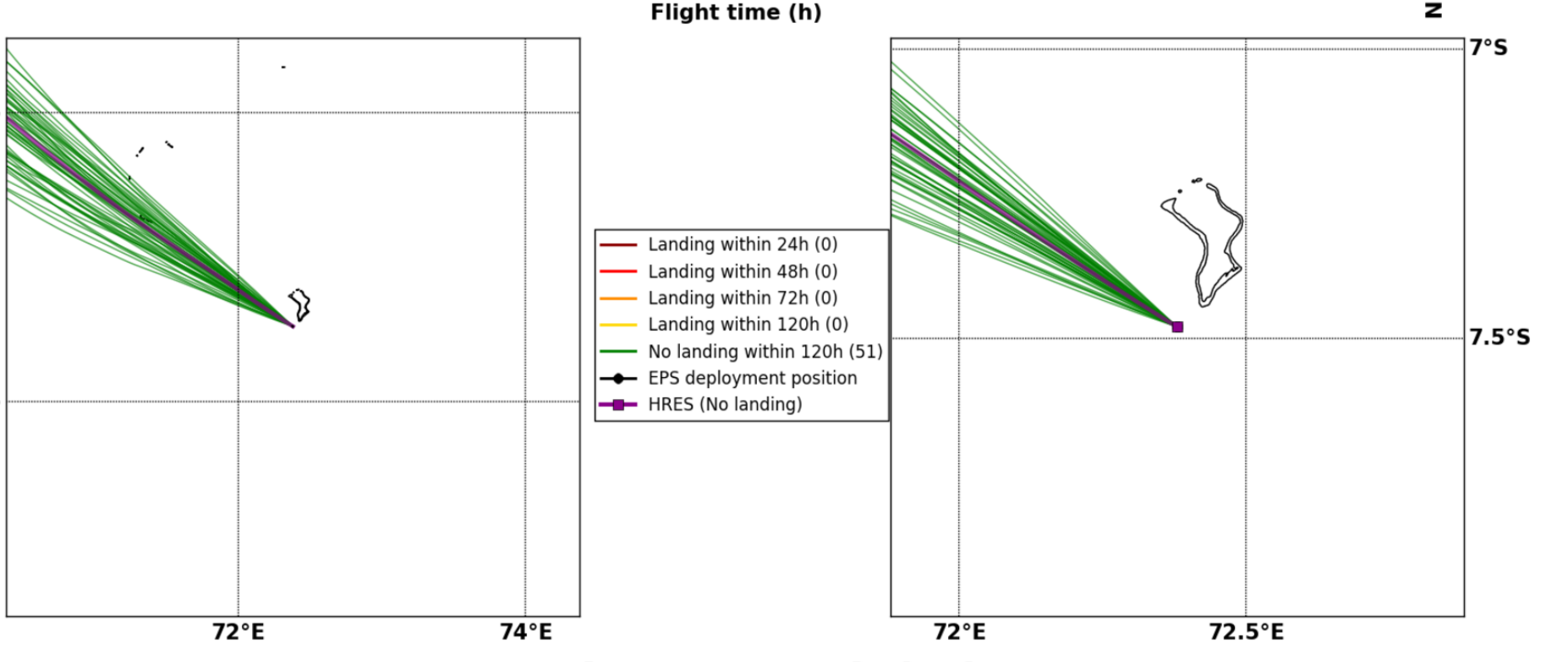



Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)

Wed. 19/07, 08h (LT)

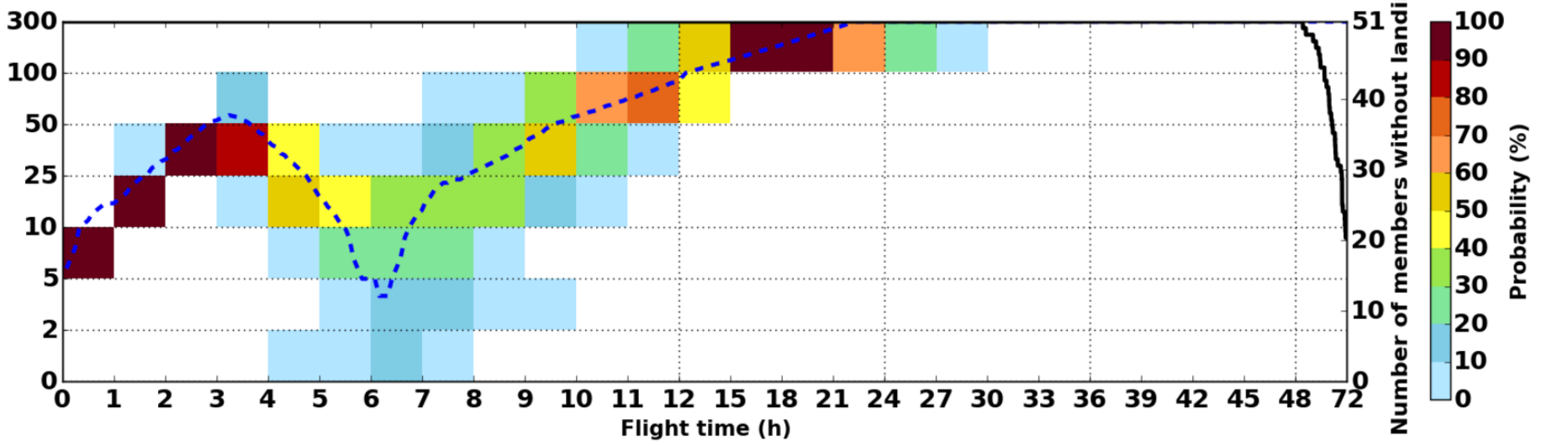
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Wed. 19/07, 02h (UTC)

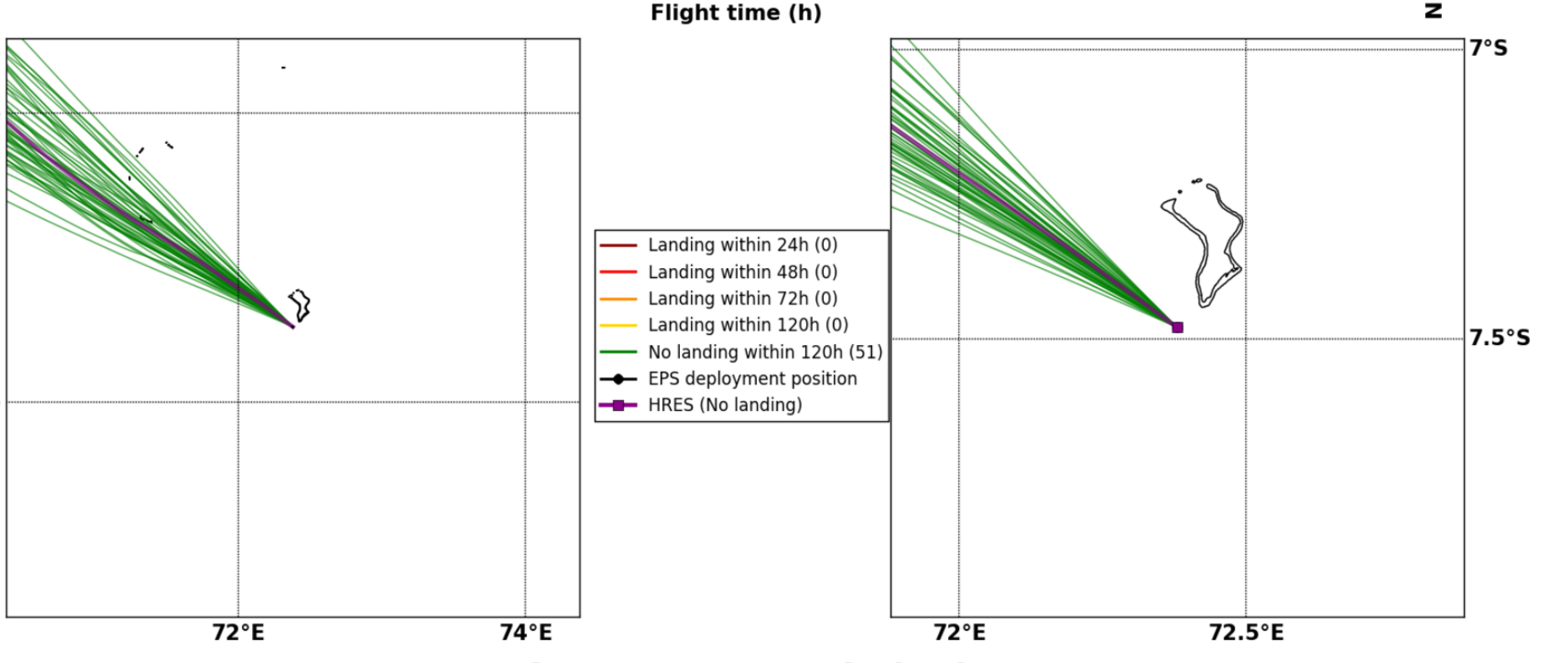



Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)

Wed. 19/07, 20h (LT)

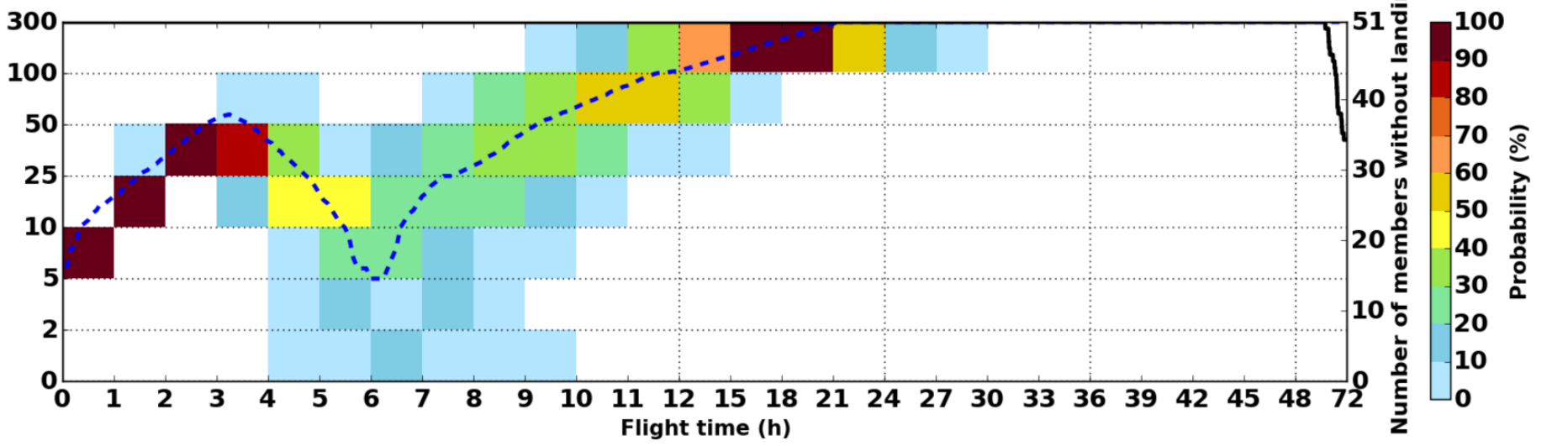
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Wed. 19/07, 14h (UTC)

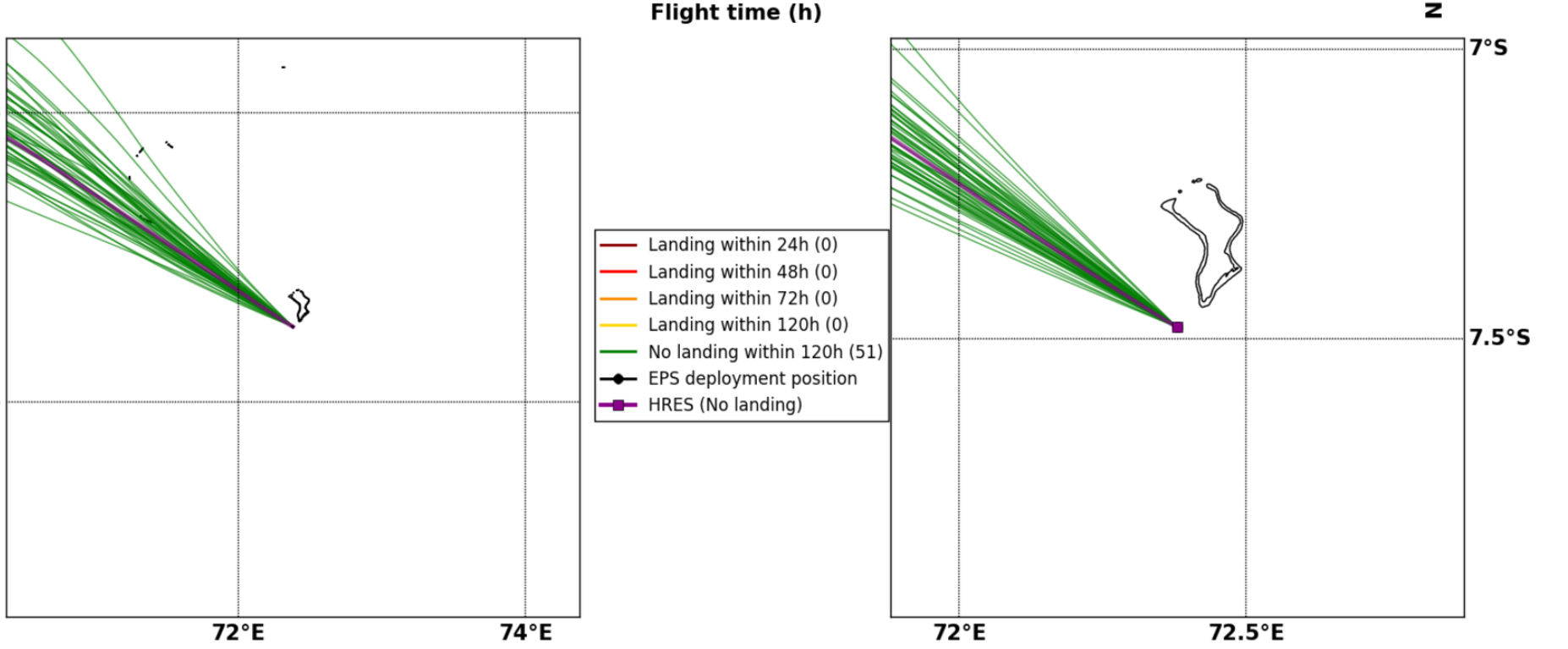



Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)

Thu. 20/07, 08h (LT)

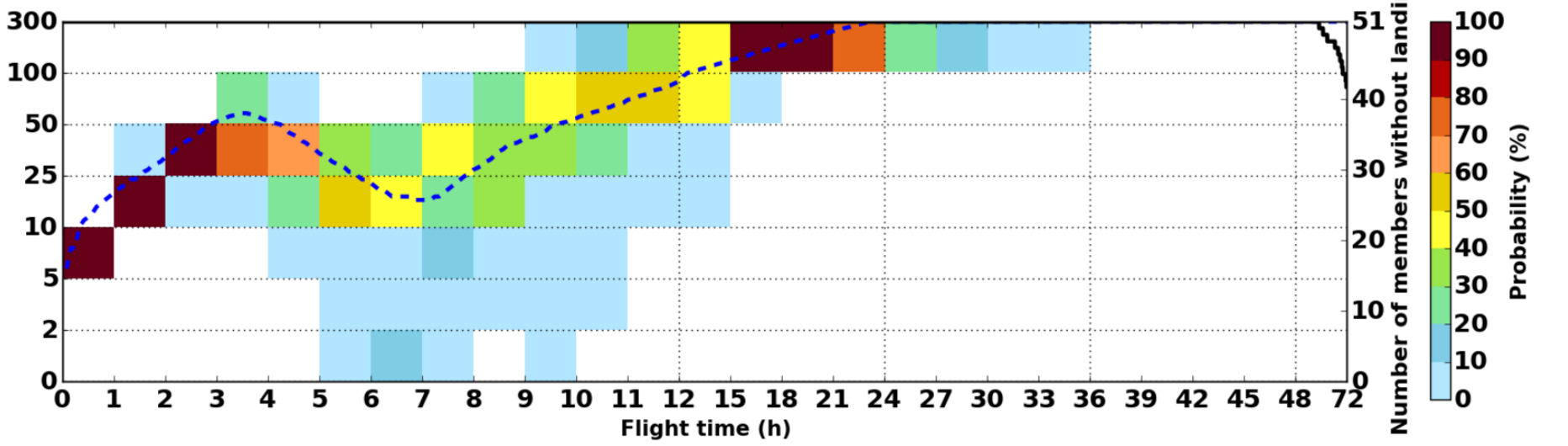
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Thu. 20/07, 02h (UTC)

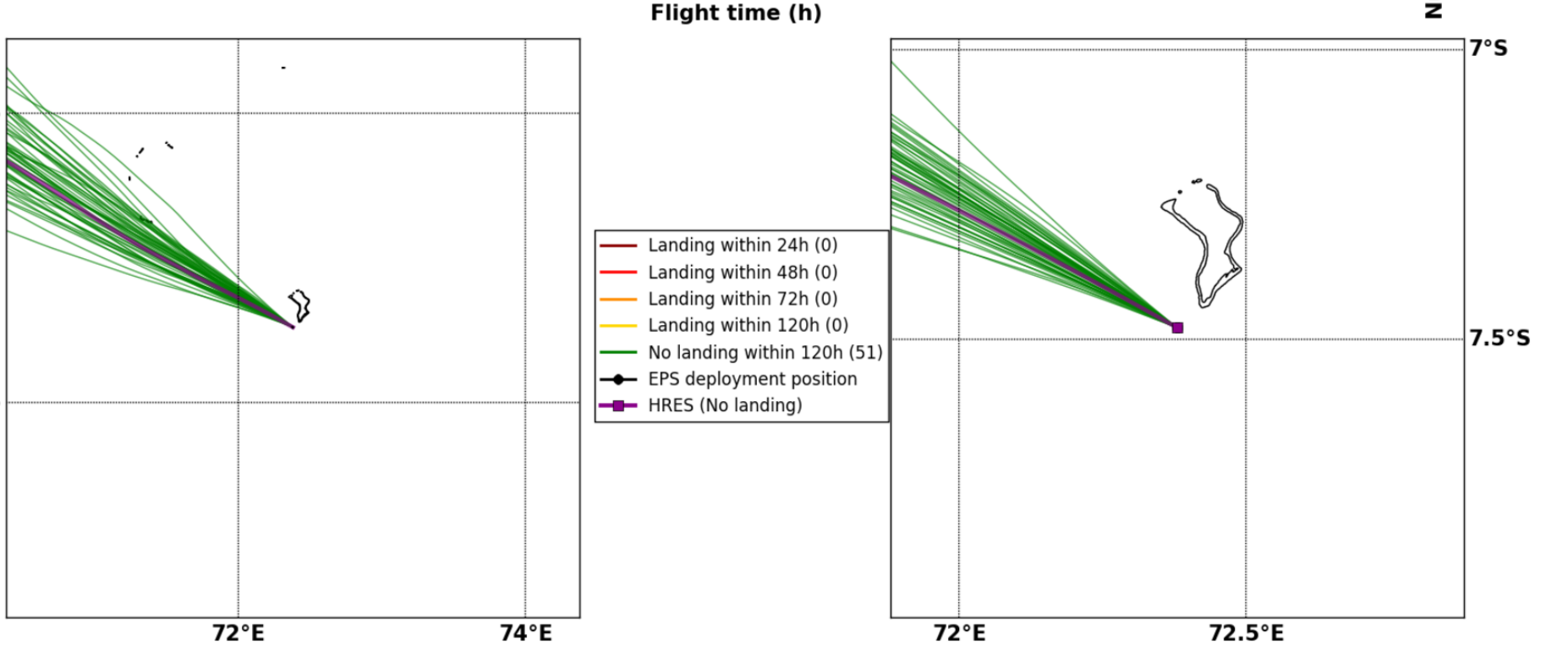



Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)

Thu. 20/07, 20h (LT)

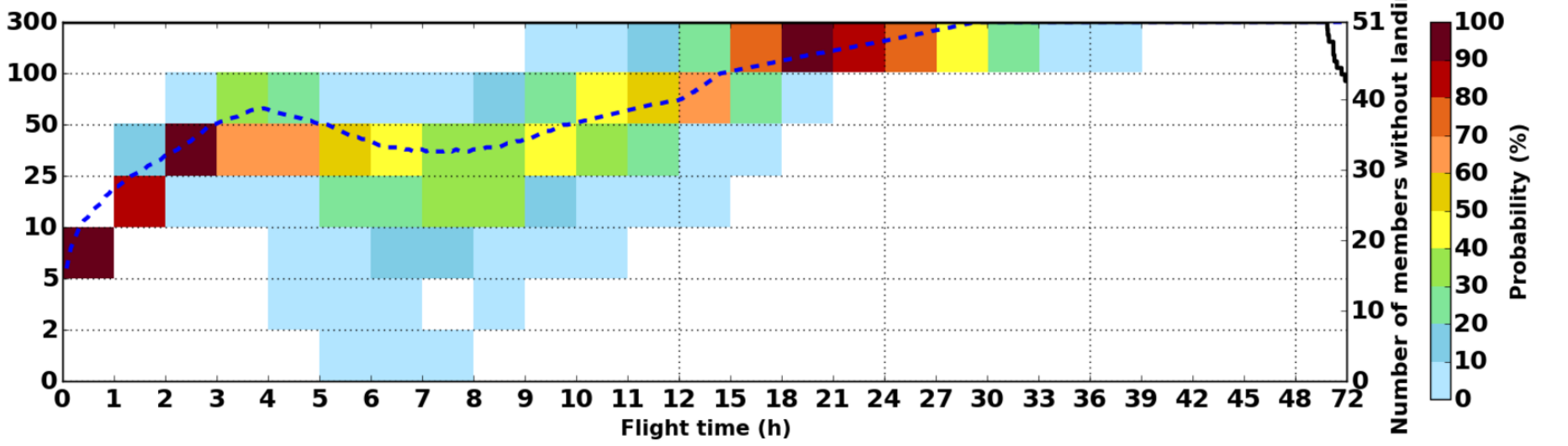
Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Thu. 20/07, 14h (UTC)

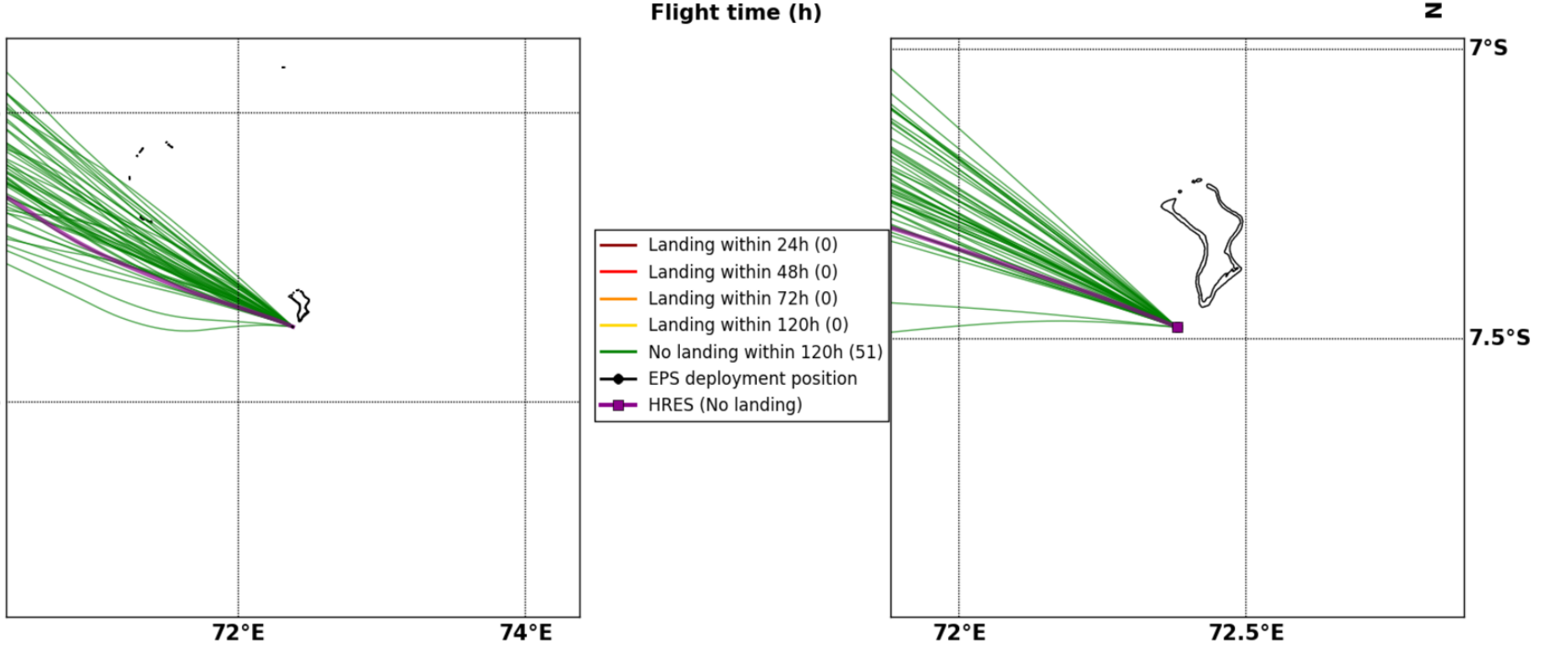



Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)

Fri. 21/07, 20h (LT)

Forecast date: Sun. 16/07, 12h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Fri. 21/07, 14h (UTC)




6°S
8°S
72°E
74°E
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)
7°S
7.5°S
72°E
72.5°E