Analysis
Synoptic forecast (ARDI)
Data not available

Forecast date: Sat. 18/12, 00h (UTC)

Site: Rodrigues
Speed function: Theorical Holthe
Historical cyclones (300km)
Deployment date: Sat. 18/12, 00h (UTC)

Sat. 18/12, 18h
Sun. 19/12, 06h
Sun. 19/12, 18h
Mon. 20/12, 06h
Tue. 21/12, 06h
Tue. 21/12, 18h
Wed. 22/12, 06h
Thu. 23/12, 06h

Deployment date (start)

Interrupt time (h)

Measurement time (h)

Number of simulations

TC Central Pressure at interrupt time (hPa)

Minimum TC pressure during measurement period (hPa)

Minimum of pressure within 300km during measurement period

Deepest minimum of pressure within 300km during measurement period

Integrated RW2 (m/s)

Sat. 18/12, 18h (LT)

Maximum forward trajectory duration = 10 days
Interrupt distance: 300km
Interrupt RW2 (ONES): 10m/s
Deployment date: Sat. 18/12, 18h (LT)

Site: Rodrigues
Forecast date: Sat. 18/12, 00h (UTC)
Speed function: Theorical Holthe
Deployment date: Sat. 18/12, 18h (LT)

No interception
Interception from Named cyclone
Interception from Tracked
Interception from both
ONES

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

Nested cyclones threshold - Number of pink points 110km

Forecast date: Sat. 18/12, 00h (UTC)
Speed function: Theorical Holthe
Deployment date: Sat. 18/12, 18h (LT)

Landing within 24H (S)
Landing within 48H (S)
Landing within 72H (S)
Landing within 120H (S)
No landing within 120H (SO)
PPS deployment position
ONES (No landing)

Distance to the coast (km)

Flight time (h)

Nested cyclones threshold

Sun. 19/12, 00h (LT)

Maximum forward trajectory duration = 10 days
Interrupt distance: 300km
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Flight time (h)

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No landing within 120H (SO)
PPS deployment position
ONES (No landing)

Distance to the coast (km)

Flight time (h)

Nested cyclones threshold

Sun. 19/12, 12h (LT)

Maximum forward trajectory duration = 10 days
Interrupt distance: 300km
Interrupt RW2 (ONES): 10m/s
Deployment date: Sat. 18/12, 18h (LT)

Site: Rodrigues
Forecast date: Sat. 18/12, 00h (UTC)
Speed function: Theorical Holthe
Deployment date: Sun. 19/12, 12h (LT)

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Interception from both
ONES

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

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Speed function: Theorical Holthe
Deployment date: Sun. 19/12, 12h (LT)

Landing within 24H (S)
Landing within 48H (S)
Landing within 72H (S)
Landing within 120H (S)
No landing within 120H (SO)
PPS deployment position
ONES (No landing)

Distance to the coast (km)

Flight time (h)

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Landing within 72H (S)
Landing within 120H (S)
No landing within 120H (SO)
PPS deployment position
ONES (No landing)

Distance to the coast (km)

Flight time (h)

Nested cyclones threshold

Mon. 20/12, 00h (LT)

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ONES (No landing)

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Flight time (h)

Nested cyclones threshold

Wed. 22/12, 06h (LT)

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Interrupt distance: 300km
Interrupt RW2 (ONES): 10m/s
Deployment date: Sat. 18/12, 18h (LT)

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Forecast date: Sat. 18/12, 00h (UTC)
Speed function: Theorical Holthe
Deployment date: Wed. 22/12, 06h (LT)

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