Analysis
Synoptic forecast (HRES)
Data not available

Forecast date: Fri. 24/05, 12h (UTC)

Site: Etheria
Speed function: U10_speed_Holtslag_1
Deployment date: Sat. 25/05, 03h (UTC)

Interrupt Time (h)

Measurement time (h)

Minimum of pressure within 300km during measurement period (hPa)

Deepest minimum of pressure within 300km during measurement period (hPa)

Integrated RWZ (m/s)

Deployment date (start)

Percentage of set numbers (%)

TC Central Pressure at interrupt time (hPa)

Minimum TC pressure during measurement period (hPa)

Wind at launch time (m/s)

Sat. 25/05, 03h (LT)

Maximum forecast trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RWZ (HRES): 30m/s
Interrupt RWZ (ENS): 30m/s

Site: Etheria
Forecast date: Fri. 24/05, 12h (UTC)
Speed function: U10_speed_Holtslag_1
Deployment date: Sat. 25/05, 03h (UTC)

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

Distance to the coast (km)

Flight time (h)

Probability (%)

Landing within 24h 00
Landing within 48h 00
Landing within 72h 00
No landing within 120h 00
No landing within 120h 00
3PS deployment position
HRES (No landing)

Sat. 25/05, 09h (LT)

Maximum forecast trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RWZ (HRES): 30m/s
Interrupt RWZ (ENS): 30m/s

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Forecast date: Fri. 24/05, 12h (UTC)
Speed function: U10_speed_Holtslag_1
Deployment date: Sat. 25/05, 09h (UTC)

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

Distance to the coast (km)

Flight time (h)

Probability (%)

No intersection
Intersection from Named cyclone
Intersection from Tracked
Intersection from both
HRES

Sat. 25/05, 15h (LT)

Maximum forecast trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RWZ (HRES): 30m/s
Interrupt RWZ (ENS): 30m/s

Site: Etheria
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Percentage of flying balloons within a TC as a function of flight time

Distance to the coast (km)

Flight time (h)

Probability (%)

Landing within 24h 00
Landing within 48h 00
Landing within 72h 00
No landing within 120h 00
No landing within 120h 00
3PS deployment position
HRES (No landing)

Sat. 25/05, 21h (LT)

Maximum forecast trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RWZ (HRES): 30m/s
Interrupt RWZ (ENS): 30m/s

Site: Etheria
Forecast date: Fri. 24/05, 12h (UTC)
Speed function: U10_speed_Holtslag_1
Deployment date: Sat. 25/05, 21h (UTC)

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

Distance to the coast (km)

Flight time (h)

Probability (%)

No intersection
Intersection from Named cyclone
Intersection from Tracked
Intersection from both
HRES

Sun. 26/05, 03h (LT)

Maximum forecast trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RWZ (HRES): 30m/s
Interrupt RWZ (ENS): 30m/s

Site: Etheria
Forecast date: Fri. 24/05, 12h (UTC)
Speed function: U10_speed_Holtslag_1
Deployment date: Sun. 26/05, 03h (UTC)

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

Distance to the coast (km)

Flight time (h)

Probability (%)

Landing within 24h 00
Landing within 48h 00
Landing within 72h 00
No landing within 120h 00
No landing within 120h 00
3PS deployment position
HRES (No landing)

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Site: Etheria
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Flight time (h)

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No landing within 120h 00
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3PS deployment position
HRES (ENS)

Mon. 27/05, 03h (LT)

Maximum forecast trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RWZ (HRES): 30m/s
Interrupt RWZ (ENS): 30m/s

Site: Etheria
Forecast date: Fri. 24/05, 12h (UTC)
Speed function: U10_speed_Holtslag_1
Deployment date: Mon. 27/05, 03h (UTC)

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

Distance to the coast (km)

Flight time (h)

Probability (%)

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No landing within 120h 00
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3PS deployment position
HRES (No landing)

Tue. 28/05, 03h (LT)

Maximum forecast trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RWZ (HRES): 30m/s
Interrupt RWZ (ENS): 30m/s

Site: Etheria
Forecast date: Fri. 24/05, 12h (UTC)
Speed function: U10_speed_Holtslag_1
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