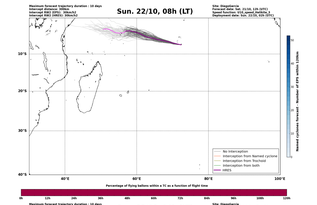
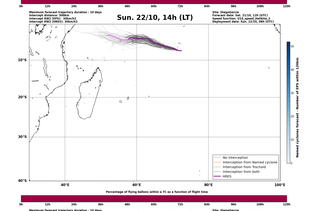
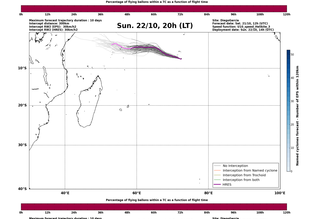
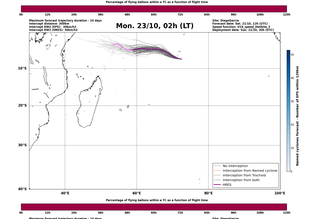
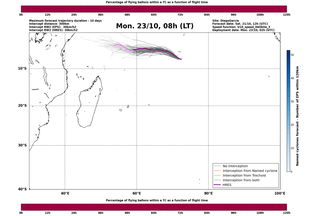

Analysis
Deterministic forecast (ARIS)
Data not available
Forecast date: Sat. 21/10, 12h (UTC)
Site: Diagolarga
Speed Function: V10_speed_Holtslag_1
Mission duration: 120h (5d)
Deployment date: Sun. 22/10, 08h (LT)
Sun. 22/10, 08h
Mon. 23/10, 02h
Mon. 23/10, 08h
Mon. 23/10, 14h
Tue. 24/10, 08h
Tue. 24/10, 20h
Wed. 25/10, 08h
Wed. 25/10, 20h
Thu. 26/10, 08h
Thu. 26/10, 20h
Destructive wind state (cat2)
Percentage of cat 2 outliers
Interrupt time (h)
Measurement time (h)
TC Central Pressure at interrupt time (hPa)
Minimum TC pressure during measurement period (hPa)
Wind at launch time (m/s)
Minimum of pressure within 300km during measurement period (hPa)
Deepest minimum of pressure within 300km during measurement period
Integrated RW2 (m/s)

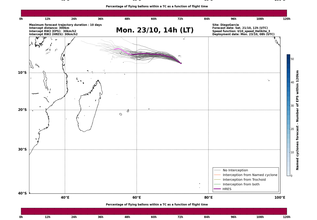

Maximum forward trajectory duration : 10 days
Interrupt distance: 100km
Interrupt RW2 (IWS): 30kn(s)
Deployment RW2 (IWS): 30kn(s)
Site: Diagolarga
Forecast date: Sat. 21/10, 12h (UTC)
Speed function: V10_speed_Holtslag_1
Deployment date: Sun. 22/10, 08h (LT)
No interception
Interception from Named cyclone
Interception from Tracheid
Interception from both
HWS
Percentage of flying balloons within a TC as a function of flight time
Nomed cyclones threshold - Number of HPA within 1150km
Distance to the coast (km)
Flight time (h)
Forecast date: Sat. 21/10, 12h (UTC)
Speed function: V10_speed_Holtslag_1
Deployment date: Sun. 22/10, 08h (LT)
Landing within 100 (S)
Landing within 200 (S)
Landing within 300 (S)
Landing within 400 (S)
Landing within 500 (S)
Landing within 1100 (S)
No landing within 1100 (S)
PFS deployment position
HWS (No landing)

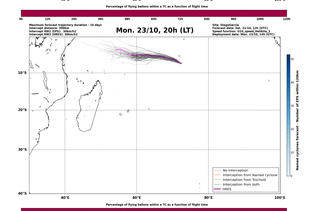

Maximum forward trajectory duration : 10 days
Interrupt distance: 100km
Interrupt RW2 (IWS): 30kn(s)
Deployment RW2 (IWS): 30kn(s)
Site: Diagolarga
Forecast date: Sat. 21/10, 12h (UTC)
Speed function: V10_speed_Holtslag_1
Deployment date: Sun. 22/10, 14h (LT)
No interception
Interception from Named cyclone
Interception from Tracheid
Interception from both
HWS
Percentage of flying balloons within a TC as a function of flight time
Nomed cyclones threshold - Number of HPA within 1150km
Distance to the coast (km)
Flight time (h)
Forecast date: Sat. 21/10, 12h (UTC)
Speed function: V10_speed_Holtslag_1
Deployment date: Sun. 22/10, 14h (LT)
Landing within 100 (S)
Landing within 200 (S)
Landing within 300 (S)
Landing within 400 (S)
Landing within 500 (S)
Landing within 1100 (S)
No landing within 1100 (S)
PFS deployment position
HWS (No landing)

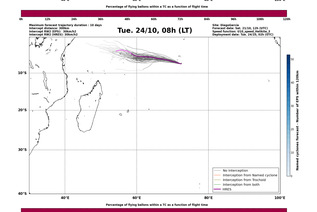

Maximum forward trajectory duration : 10 days
Interrupt distance: 100km
Interrupt RW2 (IWS): 30kn(s)
Deployment RW2 (IWS): 30kn(s)
Site: Diagolarga
Forecast date: Sat. 21/10, 12h (UTC)
Speed function: V10_speed_Holtslag_1
Deployment date: Sun. 22/10, 20h (LT)
No interception
Interception from Named cyclone
Interception from Tracheid
Interception from both
HWS
Percentage of flying balloons within a TC as a function of flight time
Nomed cyclones threshold - Number of HPA within 1150km
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Landing within 200 (S)
Landing within 300 (S)
Landing within 400 (S)
Landing within 500 (S)
Landing within 1100 (S)
No landing within 1100 (S)
PFS deployment position
HWS (No landing)

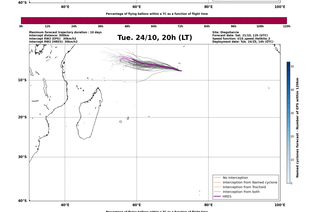

Maximum forward trajectory duration : 10 days
Interrupt distance: 100km
Interrupt RW2 (IWS): 30kn(s)
Deployment RW2 (IWS): 30kn(s)
Site: Diagolarga
Forecast date: Sat. 21/10, 12h (UTC)
Speed function: V10_speed_Holtslag_1
Deployment date: Mon. 23/10, 02h (LT)
No interception
Interception from Named cyclone
Interception from Tracheid
Interception from both
HWS
Percentage of flying balloons within a TC as a function of flight time
Nomed cyclones threshold - Number of HPA within 1150km
Distance to the coast (km)
Flight time (h)
Forecast date: Sat. 21/10, 12h (UTC)
Speed function: V10_speed_Holtslag_1
Deployment date: Mon. 23/10, 02h (LT)
Landing within 100 (S)
Landing within 200 (S)
Landing within 300 (S)
Landing within 400 (S)
Landing within 500 (S)
Landing within 1100 (S)
No landing within 1100 (S)
PFS deployment position
HWS (No landing)

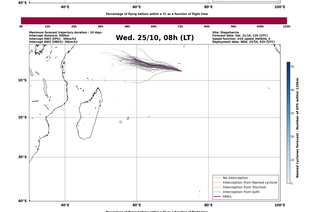

Maximum forward trajectory duration : 10 days
Interrupt distance: 100km
Interrupt RW2 (IWS): 30kn(s)
Deployment RW2 (IWS): 30kn(s)
Site: Diagolarga
Forecast date: Sat. 21/10, 12h (UTC)
Speed function: V10_speed_Holtslag_1
Deployment date: Mon. 23/10, 08h (LT)
No interception
Interception from Named cyclone
Interception from Tracheid
Interception from both
HWS
Percentage of flying balloons within a TC as a function of flight time
Nomed cyclones threshold - Number of HPA within 1150km
Distance to the coast (km)
Flight time (h)
Forecast date: Sat. 21/10, 12h (UTC)
Speed function: V10_speed_Holtslag_1
Deployment date: Mon. 23/10, 08h (LT)
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Landing within 200 (S)
Landing within 300 (S)
Landing within 400 (S)
Landing within 500 (S)
Landing within 1100 (S)
No landing within 1100 (S)
PFS deployment position
HWS (No landing)

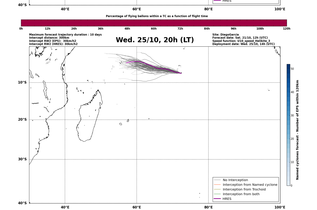

Maximum forward trajectory duration : 10 days
Interrupt distance: 100km
Interrupt RW2 (IWS): 30kn(s)
Deployment RW2 (IWS): 30kn(s)
Site: Diagolarga
Forecast date: Sat. 21/10, 12h (UTC)
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Landing within 400 (S)
Landing within 500 (S)
Landing within 1100 (S)
No landing within 1100 (S)
PFS deployment position
HWS (No landing)

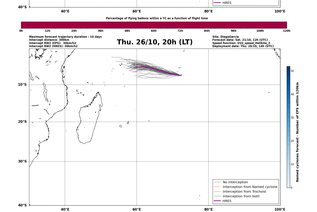

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Deployment RW2 (IWS): 30kn(s)
Site: Diagolarga
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Speed function: V10_speed_Holtslag_1
Deployment date: Mon. 23/10, 20h (LT)
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Interception from Named cyclone
Interception from Tracheid
Interception from both
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Landing within 100 (S)
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Landing within 400 (S)
Landing within 500 (S)
Landing within 1100 (S)
No landing within 1100 (S)
PFS deployment position
HWS (No landing)


Maximum forward trajectory duration : 10 days
Interrupt distance: 100km
Interrupt RW2 (IWS): 30kn(s)
Deployment RW2 (IWS): 30kn(s)
Site: Diagolarga
Forecast date: Sat. 21/10, 12h (UTC)
Speed function: V10_speed_Holtslag_1
Deployment date: Tue. 24/10, 08h (LT)
No interception
Interception from Named cyclone
Interception from Tracheid
Interception from both
HWS
Percentage of flying balloons within a TC as a function of flight time
Nomed cyclones threshold - Number of HPA within 1150km
Distance to the coast (km)
Flight time (h)
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Landing within 100 (S)
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Deployment date: Tue. 24/10, 20h (LT)
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Landing within 200 (S)
Landing within 300 (S)
Landing within 400 (S)
Landing within 500 (S)
Landing within 1100 (S)
No landing within 1100 (S)
PFS deployment position
HWS (No landing)


Maximum forward trajectory duration : 10 days
Interrupt distance: 100km
Interrupt RW2 (IWS): 30kn(s)
Deployment RW2 (IWS): 30kn(s)
Site: Diagolarga
Forecast date: Sat. 21/10, 12h (UTC)
Speed function: V10_speed_Holtslag_1
Deployment date: Wed. 25/10, 08h (LT)
No interception
Interception from Named cyclone
Interception from Tracheid
Interception from both
HWS
Percentage of flying balloons within a TC as a function of flight time
Nomed cyclones threshold - Number of HPA within 1150km
Distance to the coast (km)
Flight time (h)
Forecast date: Sat. 21/10, 12h (UTC)
Speed function: V10_speed_Holtslag_1
Deployment date: Wed. 25/10, 08h (LT)
Landing within 100 (S)
Landing within 200 (S)
Landing within 300 (S)
Landing within 400 (S)
Landing within 500 (S)
Landing within 1100 (S)
No landing within 1100 (S)
PFS deployment position
HWS (No landing)


Maximum forward trajectory duration : 10 days
Interrupt distance: 100km
Interrupt RW2 (IWS): 30kn(s)
Deployment RW2 (IWS): 30kn(s)
Site: Diagolarga
Forecast date: Sat. 21/10, 12h (UTC)
Speed function: V10_speed_Holtslag_1
Deployment date: Wed. 25/10, 20h (LT)
No interception
Interception from Named cyclone
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Percentage of flying balloons within a TC as a function of flight time
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Distance to the coast (km)
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Forecast date: Sat. 21/10, 12h (UTC)
Speed function: V10_speed_Holtslag_1
Deployment date: Wed. 25/10, 20h (LT)
Landing within 100 (S)
Landing within 200 (S)
Landing within 300 (S)
Landing within 400 (S)
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Maximum forward trajectory duration : 10 days
Interrupt distance: 100km
Interrupt RW2 (IWS): 30kn(s)
Deployment RW2 (IWS): 30kn(s)
Site: Diagolarga
Forecast date: Sat. 21/10, 12h (UTC)
Speed function: V10_speed_Holtslag_1
Deployment date: Thu. 26/10, 20h (LT)
No interception
Interception from Named cyclone
Interception from Tracheid
Interception from both
HWS
Percentage of flying balloons within a TC as a function of flight time
Nomed cyclones threshold - Number of HPA within 1150km
Distance to the coast (km)
Flight time (h)
Forecast date: Sat. 21/10, 12h (UTC)
Speed function: V10_speed_Holtslag_1
Deployment date: Thu. 26/10, 20h (LT)
Landing within 100 (S)
Landing within 200 (S)
Landing within 300 (S)
Landing within 400 (S)
Landing within 500 (S)
Landing within 1100 (S)
No landing within 1100 (S)
PFS deployment position
HWS (No landing)