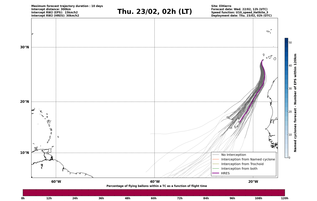
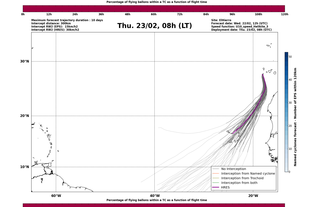
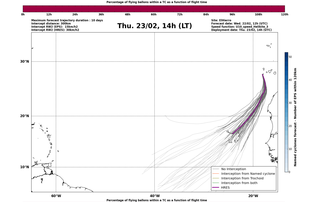
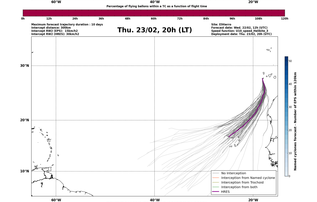
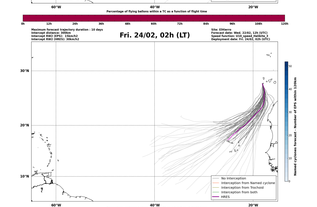

Analysis
Synoptic forecast (ARDL)
Data not available
Forecast date: Wed. 22/02, 12h (UTC)
Site: Ellerbeck
Speed function: V10_speed_Hellick_1
Measurement time (10.59km/h2)
Departure date (start)
Interrupt time (h)
Percentage of all outliers
Measurement time (h)
TC Central Pressure at interrupt time (hPa)
Minimum TC pressure during measurement period (hPa)
Wind at launch time (m/s)
Minimum of pressure within 300km during measurement period
Deepest minimum of pressure within 300km during measurement period
Integrated RW2 (m/s)

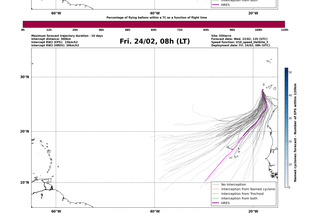

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Thu. 23/02, 02h (UTC)
Thu. 23/02, 02h (LT)
No interception
Interception from Named cyclone
Interception from Tracheal
Interception from both
ARDL
Percentage of flying balloon within a TC as a function of flight time
Nearest cyclones Hurricane - Number of GFS events (10km)

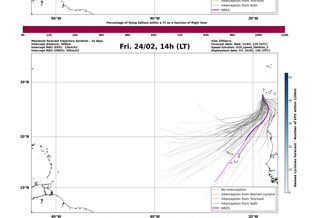

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Thu. 23/02, 08h (UTC)
Thu. 23/02, 08h (LT)
No interception
Interception from Named cyclone
Interception from Tracheal
Interception from both
ARDL
Percentage of flying balloon within a TC as a function of flight time
Nearest cyclones Hurricane - Number of GFS events (10km)

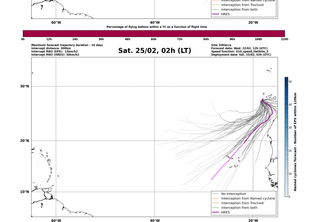

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Thu. 23/02, 14h (LT)
Thu. 23/02, 14h (LT)
No interception
Interception from Named cyclone
Interception from Tracheal
Interception from both
ARDL
Percentage of flying balloon within a TC as a function of flight time
Nearest cyclones Hurricane - Number of GFS events (10km)

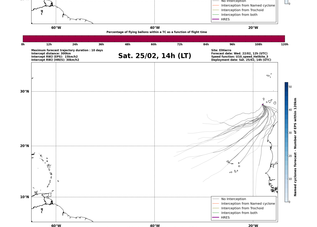

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Thu. 23/02, 20h (LT)
Thu. 23/02, 20h (LT)
No interception
Interception from Named cyclone
Interception from Tracheal
Interception from both
ARDL
Percentage of flying balloon within a TC as a function of flight time
Nearest cyclones Hurricane - Number of GFS events (10km)

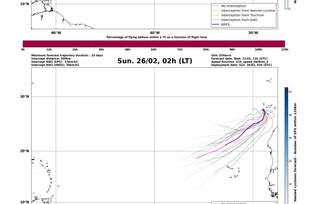

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Fri. 24/02, 02h (LT)
Fri. 24/02, 02h (LT)
No interception
Interception from Named cyclone
Interception from Tracheal
Interception from both
ARDL
Percentage of flying balloon within a TC as a function of flight time
Nearest cyclones Hurricane - Number of GFS events (10km)

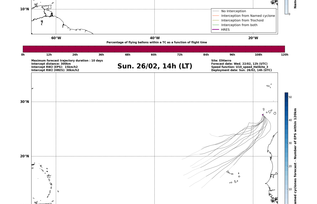

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Fri. 24/02, 08h (LT)
Fri. 24/02, 08h (LT)
No interception
Interception from Named cyclone
Interception from Tracheal
Interception from both
ARDL
Percentage of flying balloon within a TC as a function of flight time
Nearest cyclones Hurricane - Number of GFS events (10km)

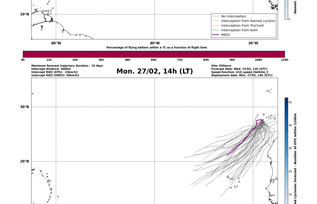

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Fri. 24/02, 14h (LT)
Fri. 24/02, 14h (LT)
No interception
Interception from Named cyclone
Interception from Tracheal
Interception from both
ARDL
Percentage of flying balloon within a TC as a function of flight time
Nearest cyclones Hurricane - Number of GFS events (10km)

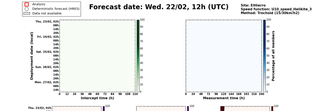

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Sat. 25/02, 02h (LT)
Sat. 25/02, 02h (LT)
No interception
Interception from Named cyclone
Interception from Tracheal
Interception from both
ARDL
Percentage of flying balloon within a TC as a function of flight time
Nearest cyclones Hurricane - Number of GFS events (10km)

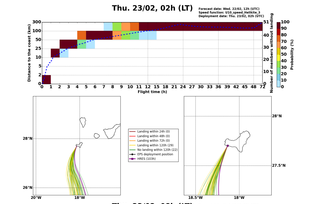

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Sat. 25/02, 14h (LT)
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No interception
Interception from Named cyclone
Interception from Tracheal
Interception from both
ARDL
Percentage of flying balloon within a TC as a function of flight time
Nearest cyclones Hurricane - Number of GFS events (10km)

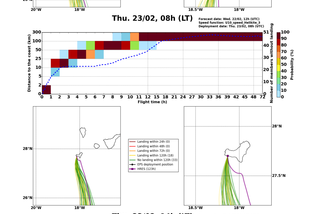

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Sun. 26/02, 02h (LT)
Sun. 26/02, 02h (LT)
No interception
Interception from Named cyclone
Interception from Tracheal
Interception from both
ARDL
Percentage of flying balloon within a TC as a function of flight time
Nearest cyclones Hurricane - Number of GFS events (10km)

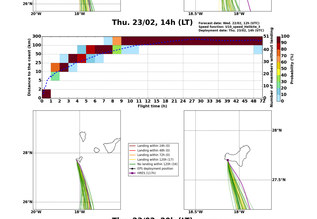

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Sun. 26/02, 14h (LT)
Sun. 26/02, 14h (LT)
No interception
Interception from Named cyclone
Interception from Tracheal
Interception from both
ARDL
Percentage of flying balloon within a TC as a function of flight time
Nearest cyclones Hurricane - Number of GFS events (10km)

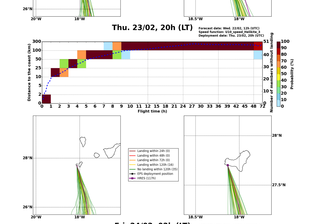

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Mon. 27/02, 14h (LT)
Mon. 27/02, 14h (LT)
No interception
Interception from Named cyclone
Interception from Tracheal
Interception from both
ARDL
Percentage of flying balloon within a TC as a function of flight time
Nearest cyclones Hurricane - Number of GFS events (10km)

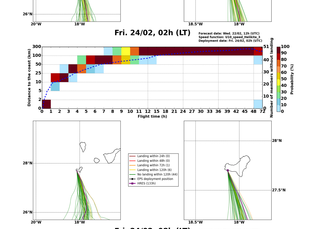

Analysis
Synoptic forecast (ARDL)
Data not available
Forecast date: Wed. 22/02, 12h (UTC)
Site: Ellerbeck
Speed function: V10_speed_Hellick_1
Speed function: V10_speed_Hellick_1
Measurement time (10.59km/h2)
Departure date (start)
Interrupt time (h)
Percentage of all outliers
Measurement time (h)
Minimum of pressure within 300km at interrupt time (hPa)
Deepest minimum of pressure within 300km during measurement period
Integrated RW2 (m/s)

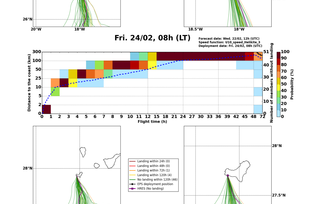

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Thu. 23/02, 02h (LT)
Thu. 23/02, 02h (LT)
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
No landing within 72h (0)
Landing within 120h (0)
No landing within 120h (0)
3PL deployment position
HRES (GDB)
Distance to the coast (km)
Probability (%)
Flight time (h)

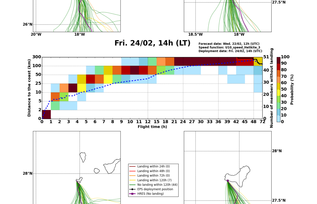

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Thu. 23/02, 08h (LT)
Thu. 23/02, 08h (LT)
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
No landing within 72h (0)
Landing within 120h (0)
No landing within 120h (0)
3PL deployment position
HRES (GDB)
Distance to the coast (km)
Probability (%)
Flight time (h)

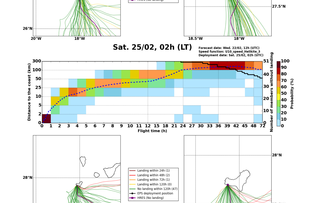

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Thu. 23/02, 14h (LT)
Thu. 23/02, 14h (LT)
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
No landing within 72h (0)
Landing within 120h (0)
No landing within 120h (0)
3PL deployment position
HRES (GDB)
Distance to the coast (km)
Probability (%)
Flight time (h)

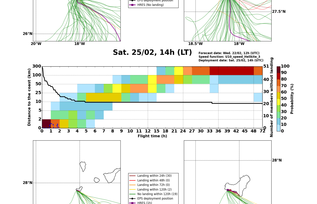

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Thu. 23/02, 20h (LT)
Thu. 23/02, 20h (LT)
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
No landing within 72h (0)
Landing within 120h (0)
No landing within 120h (0)
3PL deployment position
HRES (GDB)
Distance to the coast (km)
Probability (%)
Flight time (h)

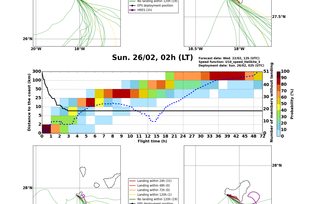

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Fri. 24/02, 02h (LT)
Fri. 24/02, 02h (LT)
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
No landing within 72h (0)
Landing within 120h (0)
No landing within 120h (0)
3PL deployment position
HRES (GDB)
Distance to the coast (km)
Probability (%)
Flight time (h)

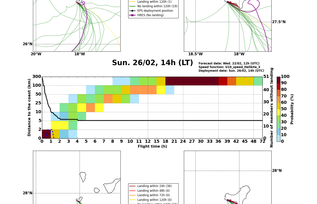

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Fri. 24/02, 08h (LT)
Fri. 24/02, 08h (LT)
Landing within 24h (0)
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Landing within 72h (0)
No landing within 72h (0)
Landing within 120h (0)
No landing within 120h (0)
3PL deployment position
HRES (GDB)
Distance to the coast (km)
Probability (%)
Flight time (h)

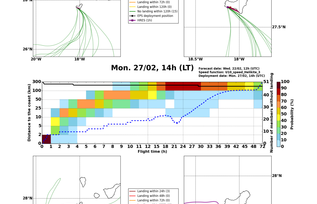

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Fri. 24/02, 14h (LT)
Fri. 24/02, 14h (LT)
Landing within 24h (0)
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Landing within 72h (0)
No landing within 72h (0)
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No landing within 120h (0)
3PL deployment position
HRES (GDB)
Distance to the coast (km)
Probability (%)
Flight time (h)


Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Sat. 25/02, 02h (LT)
Sat. 25/02, 02h (LT)
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
No landing within 72h (0)
Landing within 120h (0)
No landing within 120h (0)
3PL deployment position
HRES (GDB)
Distance to the coast (km)
Probability (%)
Flight time (h)


Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Sat. 25/02, 14h (LT)
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Landing within 24h (0)
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No landing within 120h (0)
3PL deployment position
HRES (GDB)
Distance to the coast (km)
Probability (%)
Flight time (h)


Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Sun. 26/02, 02h (LT)
Sun. 26/02, 02h (LT)
Landing within 24h (0)
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Landing within 72h (0)
No landing within 72h (0)
Landing within 120h (0)
No landing within 120h (0)
3PL deployment position
HRES (GDB)
Distance to the coast (km)
Probability (%)
Flight time (h)


Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Sun. 26/02, 14h (LT)
Sun. 26/02, 14h (LT)
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
No landing within 72h (0)
Landing within 120h (0)
No landing within 120h (0)
3PL deployment position
HRES (GDB)
Distance to the coast (km)
Probability (%)
Flight time (h)


Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RW2 (ARDL): 10m/s2
Interrupt RW2 (SMOS): 10m/s2
Site: Ellerbeck
Forecast date: Wed. 22/02, 12h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Mon. 27/02, 14h (LT)
Mon. 27/02, 14h (LT)
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
No landing within 72h (0)
Landing within 120h (0)
No landing within 120h (0)
3PL deployment position
HRES (GDB)
Distance to the coast (km)
Probability (%)
Flight time (h)