Analysis
Synoptic forecast (ARDL)
Data not available

Forecast date: Mon. 11/03, 00h (UTC)

Site: Dispatcharia
Speed function: V10_speed_Hellick_1
Measurement time: 24h (Hellick_1)

Deployment date (start)

Interrupt time (h)

Measurement time (h)

Percentage of set numbers (%)

Minimum of pressure within 300km at interrupt time (hPa)

Deepest minimum of pressure within 300km during measurement period

Integrated RWI2 (m/s)

TC Central Pressure at interrupt time (hPa)

Minimum TC pressure during measurement period (hPa)

Wind at launch time (m/s)

Mon. 11/03, 20h (LT)

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RWI2 (m/s): 30km/s
Deployment date: Mon. 11/03, 19h (LT)

Site: Dispatcharia
Forecast date: Mon. 11/03, 00h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Mon. 11/03, 19h (LT)

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

Nearest cyclone forecast - Number of GFS points 150km

Distance to the coast (km)

Flight time (h)

Landing within 24h (1)
Landing within 48h (2)
Landing within 72h (3)
Landing within 120h (4)
No landing within 120h (5)
PTS deployment position
ARDL (No landing)

Forecast date: Mon. 11/03, 00h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Mon. 11/03, 19h (LT)

Tue. 12/03, 02h (LT)

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RWI2 (m/s): 30km/s
Deployment date: Mon. 11/03, 19h (LT)

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

Nearest cyclone forecast - Number of GFS points 150km

Distance to the coast (km)

Flight time (h)

No interception
Interception from Named cyclone
Interception from Tracheal
Interception from both
ARDL

Forecast date: Mon. 11/03, 00h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Mon. 11/03, 19h (LT)

Tue. 12/03, 08h (LT)

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
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Deployment date: Mon. 11/03, 19h (LT)

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Distance to the coast (km)

Flight time (h)

No interception
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Interception from Tracheal
Interception from both
ARDL

Forecast date: Mon. 11/03, 00h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Tue. 12/03, 13h (LT)

Tue. 12/03, 14h (LT)

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RWI2 (m/s): 30km/s
Deployment date: Tue. 12/03, 13h (LT)

Site: Dispatcharia
Forecast date: Mon. 11/03, 00h (UTC)
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Deployment date: Tue. 12/03, 13h (LT)

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Landing within 120h (4)
No landing within 120h (5)
PTS deployment position
ARDL (No landing)

Forecast date: Mon. 11/03, 00h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Wed. 13/03, 13h (LT)

Wed. 13/03, 02h (LT)

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RWI2 (m/s): 30km/s
Deployment date: Wed. 13/03, 13h (LT)

Site: Dispatcharia
Forecast date: Mon. 11/03, 00h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Wed. 13/03, 13h (LT)

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ARDL

Forecast date: Mon. 11/03, 00h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Wed. 13/03, 19h (LT)

Wed. 13/03, 08h (LT)

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RWI2 (m/s): 30km/s
Deployment date: Wed. 13/03, 19h (LT)

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Speed function: V10_speed_Hellick_1
Deployment date: Thu. 14/03, 13h (LT)

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Maximum forward trajectory duration : 10 days
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Speed function: V10_speed_Hellick_1
Deployment date: Fri. 15/03, 13h (LT)

Thu. 14/03, 20h (LT)

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
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Forecast date: Mon. 11/03, 00h (UTC)
Speed function: V10_speed_Hellick_1
Deployment date: Sat. 16/03, 13h (LT)

Sat. 16/03, 08h (LT)

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RWI2 (m/s): 30km/s
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