Analysis
Synoptic forecast (ARDU)
Data not available

Forecast date: Sun. 15/05, 00h (UTC)

Site: Pluto
Speed function: U10_speed_Hellick_2
Nominal burst time: 13.59hrs(52)

Sun. 15/05, 18h
Mon. 16/05, 00h
Mon. 16/05, 06h
Mon. 16/05, 12h
Mon. 16/05, 18h
Tue. 17/05, 00h
Tue. 17/05, 06h
Tue. 17/05, 12h
Tue. 17/05, 18h
Wed. 18/05, 00h
Wed. 18/05, 06h
Wed. 18/05, 12h
Wed. 18/05, 18h
Thu. 19/05, 00h
Thu. 19/05, 06h
Thu. 19/05, 12h
Fri. 20/05, 00h

Deployment date (local)

Interrupt Time (h)

Measurement time (h)

Percentage of all numbers

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 at interrupt time (hPa)

Deepest minimum of pressure within 300km during measurement period

Integrated RWZ (m/s)

Sun. 15/05, 18h (LT)
Mon. 16/05, 00h (LT)
Mon. 16/05, 06h (LT)
Mon. 16/05, 12h (LT)
Mon. 16/05, 18h (LT)
Tue. 17/05, 00h (LT)
Tue. 17/05, 06h (LT)
Tue. 17/05, 12h (LT)
Tue. 17/05, 18h (LT)
Wed. 18/05, 06h (LT)
Wed. 18/05, 12h (LT)
Wed. 18/05, 18h (LT)
Thu. 19/05, 06h (LT)
Fri. 20/05, 06h (LT)

Maximum forward trajectory duration : 10 days
Interrupt distance: 300km
Interrupt RWZ (RWZ): 10km(4)
Measurement RWZ (RWZ): 10km(4)

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

Nearest cyclone threshold - Number of GFS vortices: 13(max)

Distance to the coast (km)

Flight time (h)

Percentage of flying balloons

Landing within 100 (1)
Landing within 200 (2)
Landing within 300 (3)
Landing within 400 (4)
Landing within 500 (5)
Landing within 600 (6)
Landing within 700 (7)
Landing within 800 (8)
Landing within 900 (9)
Landing within 1000 (10)
No landing within 1100 (11)
No landing within 1200 (12)
PFS deployment position
HRES (No landing)

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

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