Analysis
Synoptic forecast (ARDL)
Data not available

**Forecast date: Fri. 09/09, 00h (UTC)**

Site: Ellerslie
Speed function: U10_speed_Hellstrm_1
Mesocyclones (1000m)

Fri. 09/09, 00h
Sat. 10/09, 00h
Sun. 11/09, 00h
Mon. 12/09, 00h
Tue. 13/09, 00h
Wed. 14/09, 00h

Deployment date (start)

Interrupt Time (h)

Percentage of set numbers

Measurement Time (h)

Minimum TC pressure during measurement period (hPa)

Minimum of pressure within 300km during measurement period

Deepest minimum of pressure within 300km during measurement period

Integrated RW2 (m/s)

Wind at launch time (m/s)

Maximum forward trajectory duration - 10 days
Interrupt distance: 1000km
Interrupt RW2 (ARDL): 10km/s
Interrupt RW2 (IMDL): 60km/s

Site: Ellerslie
Forecast date: Fri. 09/09, 00h (UTC)
Speed function: U10_speed_Hellstrm_1
Deployment date: Fri. 09/09, 15h (UTC)

## Fri. 09/09, 15h (LT)

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 (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (1)
EPS deployment position
HWS (108h)

Mixed cyclones threshold - Number of EPS covers (10days)

No interception
Interception from Named cyclone
Interception from Tracheid
Interception from both
HWS

Site: Ellerslie
Forecast date: Fri. 09/09, 00h (UTC)
Speed function: U10_speed_Hellstrm_1
Deployment date: Fri. 09/09, 21h (UTC)

## Fri. 09/09, 21h (LT)

Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (1)
EPS deployment position
HWS (102h)

Site: Ellerslie
Forecast date: Fri. 09/09, 00h (UTC)
Speed function: U10_speed_Hellstrm_1
Deployment date: Sat. 10/09, 03h (UTC)

## Sat. 10/09, 03h (LT)

Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (1)
EPS deployment position
HWS (96h)

Site: Ellerslie
Forecast date: Fri. 09/09, 00h (UTC)
Speed function: U10_speed_Hellstrm_1
Deployment date: Sat. 10/09, 09h (UTC)

## Sat. 10/09, 09h (LT)

Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (1)
EPS deployment position
HWS (90h)

Site: Ellerslie
Forecast date: Fri. 09/09, 00h (UTC)
Speed function: U10_speed_Hellstrm_1
Deployment date: Sat. 10/09, 15h (UTC)

## Sat. 10/09, 15h (LT)

Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (1)
EPS deployment position
HWS (84h)

Site: Ellerslie
Forecast date: Fri. 09/09, 00h (UTC)
Speed function: U10_speed_Hellstrm_1
Deployment date: Sat. 10/09, 21h (UTC)

## Sat. 10/09, 21h (LT)

Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (1)
EPS deployment position
HWS (78h)

Site: Ellerslie
Forecast date: Fri. 09/09, 00h (UTC)
Speed function: U10_speed_Hellstrm_1
Deployment date: Sun. 11/09, 03h (UTC)

## Sun. 11/09, 03h (LT)

Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (1)
EPS deployment position
HWS (72h)

Site: Ellerslie
Forecast date: Fri. 09/09, 00h (UTC)
Speed function: U10_speed_Hellstrm_1
Deployment date: Sun. 11/09, 09h (UTC)

## Sun. 11/09, 09h (LT)

Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (1)
EPS deployment position
HWS (66h)

Site: Ellerslie
Forecast date: Fri. 09/09, 00h (UTC)
Speed function: U10_speed_Hellstrm_1
Deployment date: Sun. 11/09, 15h (UTC)

## Sun. 11/09, 15h (LT)

Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (1)
EPS deployment position
HWS (60h)

Site: Ellerslie
Forecast date: Fri. 09/09, 00h (UTC)
Speed function: U10_speed_Hellstrm_1
Deployment date: Sun. 11/09, 21h (UTC)

## Sun. 11/09, 21h (LT)

Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (1)
EPS deployment position
HWS (54h)

Site: Ellerslie
Forecast date: Fri. 09/09, 00h (UTC)
Speed function: U10_speed_Hellstrm_1
Deployment date: Mon. 12/09, 03h (UTC)

## Mon. 12/09, 03h (LT)

Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (1)
EPS deployment position
HWS (48h)

Site: Ellerslie
Forecast date: Fri. 09/09, 00h (UTC)
Speed function: U10_speed_Hellstrm_1
Deployment date: Mon. 12/09, 15h (UTC)

## Mon. 12/09, 15h (LT)

Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (1)
EPS deployment position
HWS (42h)

Site: Ellerslie
Forecast date: Fri. 09/09, 00h (UTC)
Speed function: U10_speed_Hellstrm_1
Deployment date: Tue. 13/09, 03h (UTC)

## Tue. 13/09, 03h (LT)

Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (1)
EPS deployment position
HWS (36h)

Site: Ellerslie
Forecast date: Fri. 09/09, 00h (UTC)
Speed function: U10_speed_Hellstrm_1
Deployment date: Wed. 14/09, 03h (UTC)

## Wed. 14/09, 03h (LT)

Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (1)
EPS deployment position
HWS (30h)