

HOT AIR BALLOON WEATHER BRIEFING

Location: Birstonas (54.60N, 24.03E) | Mag Decl: 7.7E | Valid: 2026-07-03 (Forecast period 18-19 UTC) | Forecaster: Virmantas

SYNOPTIC SITUATION

In the upper levels the Jet stream will move away from Lithuania with the upcoming upper level through will lead to more pronounced dynamic uplift during the late evening and night. On the Surface we have an active cyclone over Baltic sea which will lead to higher wind speeds and more precipitation during the few days. But before arrival of this cyclone we will have some short surface ridge which you could have a small gap of showerless window with addition of low change wind speed decrease.

HOURLY SURFACE FORECAST (UTC)

Param	18	19
Temp/Td [C]	17.0/11.0	16.0/11.0
QNH [hPa]	1010.0	1010.0
Cloud/Wx	-/	-/
Dir [deg]	260	250
Spd/Gust	5.0/9.0	4.0/7.0

HAZARDS & WARNINGS

CAUTION: Moderate wind at 18Z: 5.0 m/s
WARNING: Strong gusts at 18Z: 9.0 m/s
WARNING: Strong gusts at 19Z: 7.0 m/s
CAUTION: Thermal timing: +/-30 min
Gusts up to 10-13 m/s

CONDITIONS

Thermal: 08:30-17:30 UTC | Strength: Weak (<0.5 m/s) | Uncertainty: +/-30min
Inversion: None expected
Clouds: FEW CU 3000-5000ft, BKN SC 3000-6000ft, FEW TCU 4000-13000ft

WIND PROFILE (Dir TO, Spd m/s)

ICON-EU					MEPS				
Ht	D18	S18	D19	S19	Ht	D18	S18	D19	S19
0	65	4	58	4	0	64	5	58	6
500	66	7	60	7	500	66	9	61	9
1000	69	10	64	10	1000	68	10	63	11
1500	70	11	66	12	1500	69	12	64	12
2000	71	12	69	13	2000	70	13	65	13
2500	73	13	73	15	2500	71	14	68	14
3000	77	15	78	16	3000	73	14	74	16
3500	80	16	82	16	3500	78	16	82	16
4000	81	16	84	16	4000	84	16	86	15
4500	82	16	84	16	4500	91	16	88	14
5000	86	16	85	16	5000	91	15	89	13

OBSERVED DATA

Ht(ft)	Dir	Spd
500	-	-
1000	-	-
1500	-	-
2000	-	-
2500	-	-
3000	-	-

WIND SUMMARY MAP

