

HOT AIR BALLOON WEATHER BRIEFING

Location: Birstonas (54.60N, 24.03E) | Mag Decl: 7.7E | Valid: 2026-07-05 (Forecast period 03-05 UTC) | Forecaster: Virmantas

SYNOPTIC SITUATION

We have ridge of Anticyclone over Bay of Biscay which is reaching Lithuania and Cyclone which is east of Estonia. This setup is leads to denser isobars and moderate winds.

HOURLY SURFACE FORECAST (UTC)

Param	03	04	05
Temp/Td [C]	14.0/13.0	14.0/13.0	15.0/13.0
QNH [hPa]	1008.0	1008.0	1008.0
Cloud/Wx	-/-	-/-	-/-
Dir [deg]	260	260	270
Spd/Gust	3.0/6.0	4.0/7.0	5.0/8.0

HAZARDS & WARNINGS

WARNING: Strong gusts at 04Z: 7.0 m/s

CAUTION: Moderate wind at 05Z: 5.0 m/s

WARNING: Strong gusts at 05Z: 8.0 m/s

CAUTION: Thermal timing: +/-30 min

Low-

CONDITIONS

Thermal: 0530-17:30 UTC | Strength: Moderate (0.5-1.5 m/s) | Uncertainty: +/-30min

Inversion: Base 600ft, Top 2000ft

Clouds: SCT SC 900-1000ft, BKN SC 1000-1200ft

WIND PROFILE (Dir TO, Spd m/s)

ICON-EU						
Ht	D03	S03	D04	S04	D05	S05
0	85	3	91	4	95	4
100	85	3	91	4	95	4
200	85	3	91	4	95	4
300	85	3	91	4	95	4
400	85	3	91	4	95	4
500	87	5	92	6	95	6
600	88	6	92	7	96	7
700	90	7	93	8	96	8
800	92	8	94	8	97	8
900	94	9	95	9	98	9
1000	97	10	96	9	98	9
1100	100	11	98	10	98	10
1200	102	12	99	10	99	10
1300	106	12	101	10	99	9
1400	110	13	103	10	100	9
1500	113	14	105	11	101	9
1600	115	14	109	11	102	9
1700	116	13	112	11	103	9
1800	118	13	115	12	105	9
1900	119	13	118	12	106	9
2000	120	13	118	12	106	9

OBSERVED DATA

Ht(ft)	Dir	Spd
339	92	2
503	94	5
667	102	6
831	110	6
995	113	4
1159	102	7
1323	104	9

WIND SUMMARY MAP

