

HOT AIR BALLOON WEATHER BRIEFING

Location: Birstonas (54.60N, 24.03E) | Mag Decl: 7.7E | Valid: 2026-07-02 (Forecast period 16-18 UTC) | Forecaster: Virmantas

SYNOPTIC SITUATION

The cyclone cold front has moved out of the Lithuania region. Southern Lithuania will be under the anticyclone ridge which leads to decrease of cloudiness and wind speed decrease.

HOURLY SURFACE FORECAST (UTC)

Param	16	17	18
Temp/Td [C]	23.0/13.0	21.0/14.0	20.0/15.0
QNH [hPa]	1012.0	1012.0	1012.0
Cloud/Wx	-/-	-/-	-/-
Dir [deg]	300	280	280
Spd/Gust	3.0/5.0	2.0/4.0	2.0/4.0

HAZARDS & WARNINGS

CAUTION: Thermal timing: +/-30 min

CONDITIONS

Thermal: 09:00-17:30 UTC | Strength: Weak (<0.5 m/s) | Uncertainty: +/-30min
Inversion: None expected
Clouds: FEW CU 4500-5500ft

WIND PROFILE (Dir TO, Spd m/s)

ICON-EU						
Ht	D16	S16	D17	S17	D18	S18
0	113	2	103	2	65	1
500	113	3	105	3	80	3
1000	113	4	108	4	91	4
1500	113	4	108	5	94	4
2000	113	4	108	5	98	4
2500	113	5	108	5	103	5
3000	113	5	107	5	109	5
3500	112	5	108	5	115	6
4000	113	6	107	5	119	6
4500	111	6	107	5	120	7
5000	108	6	111	6	118	7

OBSERVED DATA

Ht(ft)	Dir	Spd
339	106	2
503	108	1
667	111	1
831	129	2
995	122	2
1159	116	3
2127	113	3
2291	109	3
2455	109	3
2619	108	3
2783	105	2
2947	102	3
3111	103	4
3275	101	4
3439	106	4
3603	110	4
3768	109	4
3932	108	4
4096	109	5
4260	111	4
4424	108	4
4588	108	4
4752	108	3
4916	108	3
5080	112	4

WIND SUMMARY MAP

