

**2<sup>nd</sup> World-Junior Hot Air Balloon Championship 2014 Vichy**  
 from the 1<sup>st</sup> until the 06<sup>th</sup> of September

**Meteorological Information**

Place: Vichy	Date & Time: 03.09.2014 05 00 loc	Forecaster: Claude Sales
Forecast period (day, time): From : 0600 until: 1000		
<p><b><u>General Synoptic situation:</u></b></p> <p>Large high pressure area over north Eastern Europe influences the weather over the major part of France.</p> <p><b><u>Weather forecast:</u></b></p> <p>Sky clear, becoming few clouds in the late morning. Thermal activity starts after 08 30 loc. 4000ft</p>	<p>03.09.14 18 00z</p>	

Model Wind;				
Altitude	Direction	Speed kts	Trend	Temp °C
6000ft	055	21	055/21	07
5000ft	060	23	060/23	08
4000ft	055	18	055/15	08
2500ft	055	17	050/12	09
1500ft	050	12	050/10	10
1000ft	040	07	040/08	10
Surface	035	06	035/06	09
Surface visibility: +10km loc 6-8km			Lightning risk: NIL	
Altitude inversion: Ground until 1000 ft after 0900 subsidence at 4000 ft			Temp. change: 3°C resp. 1°C	
Start of convection: 08 30 loc			QNH: 1017 hPa	
Sunrise:(local) 0705			Sunset:(local) 2025	

Cloud type :	Cloud cover	Base	Tops
Cu	Few	4000	5000

Pibalball reading at time; 04 30 loc.		
460 Ft/Min Sampling rate is: 15 Sec RE-SET COUNTERS		
Hgt FT	Dir DEG	Spd KTS
170	348	4
290	336	6
400	344	7
520	003	7
630	028	8
750	041	11
860	047	12
980	052	13
1090	054	16
1210	055	19
1320	058	18
1440	061	22
1550	062	23
1670	068	22
1780	067	24
1900	067	29
2010	062	27
2130	061	26
2240	062	32
2360	055	15
2470	060	46
2590	057	37
2700	062	23
2820	060	37
2930	065	19
3050	060	26

The above Winds Aloft data is for:

Wed Sep 03, 2014  
at 01:15 ?