

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

Meteorological Information

Place: Vichy	Date & Time: 04.09.2014 17 00 loc.	Forecaster: Claude Sales
Forecast period (day, time): From : 1800 until: 2200		
<u>General Synoptic situation:</u> The low pressure over the Atlantic is moving slowly to the east. An area of low pressure gradient influences the weather in the Vichy area. <u>Weather forecast:</u> Few clouds becoming sky clear. Thermal activity stops after 18 30 loc.	05.09.14 0600	

Model Wind;				
Altitude	Direction	Speed kts	Trend	Temp °C
6000ft	225	09	22511	12
5000ft	205	04	21005	13
4000ft	155	02	11003	14
2500ft	125	01	08003	16
1500ft	090	01	06004	18
1000ft	090	01	05504	20
Surface	080	01	06004	21
Surface visibility: +10km			Lightning risk: NIL	
Altitude inversion: 6000 ft			Temp. change: 1°C	
End of convection: after 18 30 loc			QNH: 1013 hPa	
Sunrise:(local) 0705			Sunset:(local) 2025	

Cloud type :	Cloud cover	Base	Tops
Cu	Few	5000	7000

Piball reading at time;		
Alt FT	Dir DEG	Spd KTS
170	110	4
290	106	3
400	149	3
520	145	4
630	139	1
750	155	2
860	121	0
980	076	1
1090	074	1
1210	086	1
1320	107	1
1440	147	1
1550	141	2
1670	140	2
1780	150	4
1900	158	4
2010	148	4
2130	161	3
2240	162	3
2360	177	3
2470	169	3
2590	180	3
2700	181	3
2820	177	3
2930	187	4
3050	172	5
3160	178	5
3280	179	5
3390	167	2
3510	216	6
3620	224	7
3740	221	6
3850	207	3

The above Winds Aloft
data is for:

Thu Sep 04, 2014
at 13:51 Z