

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 05 00 loc.	Forecaster: Claude Sales
Forecast period (day, time):		From : 0600 until: 1000
<p>General Synoptic situation:</p> <p>Between the high pressure over north eastern Europe and the complex low pressure over the Atlantic an area of low pressure gradient influences the weather in France.</p> <p>Weather forecast:</p> <p>Sky clear locally fog in the valleys dissipating after 0800 loc. becoming Few clouds during the day. Thermal activity after 0900 up to 3000 ft. later higher up.</p>		<p>04.09.14 18 00z</p>

Model Wind;				
Altitude	Direction	Speed kts	Trend	Temp °C
6000ft	250	06	245/08	08
5000ft	225	07	235/08	09
4000ft	160	06	190/06	10
2500ft	140	05	170/06	11
1500ft	140	04	160/04	13
1000ft	140	04	150/04	12
Surface	140	03	150/03	10
Surface visibility: + 10km loc. 500- 1000m			Lightning risk: NIL	
Altitude inversion: ground up to 1500 ft and at 3000 ft after 0900 loc			Temp. change: 4°C	
Start of convection: at 09 30 loc			QNH: 1015 hPa	
Sunrise:(local) 0705			Sunset:(local) 2025	

Cloud type :	Cloud cover	Base	Tops
Few	Cu	4000	5000

Pibal reading at time; 04 30 loc.		
Hgt FT	Dir DEG	Spd KTS
170	133	1
290	135	3
400	132	5
520	148	6
630	162	8
750	164	10
860	166	9
980	167	10
1090	164	10
1210	163	10
1320	167	9
1440	163	10
1550	176	10
1670	180	8
1780	173	8
1900	168	9
2010	164	7
2130	149	6
2240	146	4
2360	154	3
2470	136	2
2590	162	1
2700	195	1
2820	186	3
2930	188	3
3050	164	6
3160	268	4
3280	209	5
3390	196	5
3510	205	10
3620	212	11
3740	201	10
3850	212	11
3970	206	10
4080	214	11
4200	211	9
4310	200	8

The above Winds Aloft data is for:

Thu Sep 04, 2014
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