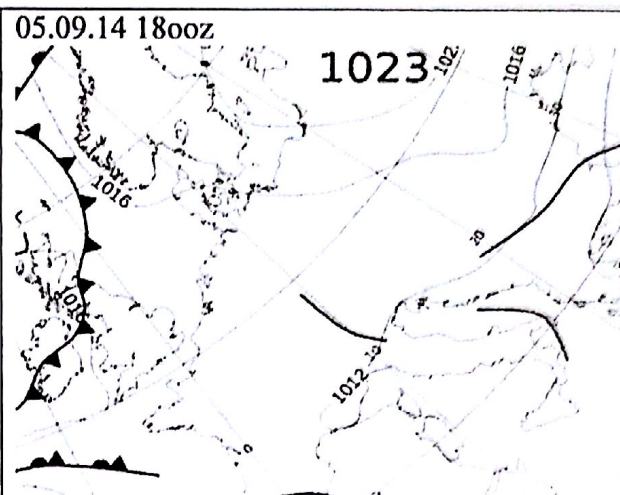


2nd World-Junior Hot Air Balloon Championship 2014 Vichy
from the 1st until the 06th of September

Meteorological Information

Place: Vichy	Date & Time: 05.09.2014 17 00 loc	Forecaster: Claude Sales
Forecast period (day, time): From : 06 00 until: 10 00		
General Synoptic situation: Area of low pressure gradient over France. Convection line approaching from the west due to the low pressure over Spain makes the atmosphere unstable in the afternoon. Weather forecast: Very cloudy becoming overcast with medium and high clouds. Convection starts after 1000 loc. No precipitation in the morning.		05.09.14 1800z 

Model Wind;				
Altitude	Direction	Speed kts	Trend	Temp °C
6000ft	245	09	255/07	05
5000ft	255	08	265/07	07
4000ft	255	07	265/06	09
2500ft	250	07	250/05	11
1500ft	235	06	240/05	15
1000ft	235	09	240/06	15
Surface	240	03	240/03	13
Surface visibility: 5-8 km locally mist			Lightning risk: NIL	
Altitude inversion: ground until 950 ft			Temp. change: 5°C	
Start of convection: after 10 00 loc			QNH: 1014 hPa	
Sunrise:(local) 0705			Sunset:(local) 2025	

Cloud type :	Cloud cover	Base	Tops
Ac	Sct	6000	10000
Cl	Bkn	10000	25000

Pibal reading at time; 04 00 loc		
Hgt FT	Dir DEG	Spd KTS
170	176	5
290	172	10
400	176	11
520	178	9
630	180	9
750	202	6
860	231	5
980	249	7
1090	250	5
1210	251	6
1320	254	6
1440	267	7
1550	266	7
1670	261	8
1780	267	7
1900	221	5
2010	273	12
2130	263	7
2240	254	9
2360	256	9
2470	250	10
2590	256	9
2700	236	6
2820	261	15
2930	260	8
3050	255	8
3160	267	9
3280	255	9
3390	259	8
3510	251	8
3620	256	8
3740	253	8
3850	243	7
3970	261	12
4080	249	9

The above Winds Aloft data is for: