

Ballooning Bulletin
For the region *St-Niklaas* (ca. 51° 16' N – 04° 14' E)

ISSUED AT: 12:00 UTC	SS: 18.15 UTC End Civil Twilight: 18.49 UTC	DATE: 07/09/2024
Period	From 18:00 till 21.00 LT	
Synoptic Situation	Low pressure is situated over the channel and is dominating our weather. Instability will gradually increase due to the approach of a thermal trough from the south.	
Winds	Direction / Speed (KT) / Trend	
	Surf:	Wind direction and wind speed are rather uncertain due to instability. In general: 080-110/05-07KT MAX 10-13 In case of convective developments variable wind direction and risk for gusts +30KT
	50m / 165 ft	100-130/05-08KT
	100m / 330 ft	110-140/05-10KT BECMG 08-12KT
	250m / 820 ft	110-140/10-15KT BECMG 12-17KT
	500m / 1650 ft	120-140/15-20KT
	750m / 2500 ft	120-150/15-20KT
	1000m / 3300 ft	120-150/15-20KT
Significant Weather	In the beginning of the balloon period partly cloudy and dry but instability will gradually build up. From 15-16z onwards new convective developments expected near the French border. These showers and thunderstorms will slowly move towards the north and can even intensify. Near Sint-Niklaas from 17z risk for showery/thunderly outbreaks, risk will gradually increase during the evening (highest risk 19-22z). Near thunderstorms risk for severe wind gusts! Keep in mind that gust fronts near thunderstorms might reach areas up to 50-70km ahead thunderstorms.	
Surface Visibility	+10KM Near thunderstorms/showers reduced visibilities	
Temperature	16 UTC +25 17 UTC +24 18 UTC +22 19 UTC +21	

Thermals (End at UTC)	Around 16.30 UTC
QNH	1008 HPA
Low Clouds (< 5000 ft)	FEW to SCT CU SC 3000-4500ft From 17z risk for ISOL/EMBD CB with cloud base around 3000FT
Outlook for tomorrow morning: <i>SR: 05.08 UTC</i> <i>Begin Civil Twilight: 04.34 UTC</i>	Partly cloudy and dry but windy. Wind SFC: 180-200/08-10KT GUSTY 15-18KT BECMG 06/07Z 180-200/09-12KT GUSTY 20KT 330FT 190-210/15-18KT 820FT 190-210/20-25KT 1650FT 200-220/20-25KT

Further Information:

If you want more detailed information, you can contact our briefing service (0902 / 88 173).