

<b>Subject:</b>	<b>BID TO HOST WPCs IN S&amp;A AND CF, BOSNIA &amp; HERZEGOVINA 2014</b>	<b>Annex No. -</b>	<b>19</b>
<b>Author:</b>	<b>Aeronautical Association of Bosnia &amp; Herzegovina</b>	<b>Agenda ref. -</b>	<b>14.2.2 16.2.1</b>
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## THE AERONAUTICAL ASSOCIATION OF BOSNA I HERCEGOVINA

*Obala Kulina Bana, Sarajevo, B&H*  
Phone and Fax: +387 65 98 11 46

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E-mail: [grmi\\_padobranac@yahoo.com](mailto:grmi_padobranac@yahoo.com)

### OFFICIAL APPLICATION

For:

**FAI - World Parachuting Championships 2014**  
**for the following Events**  
**Style & Accuracy,**  
**Canopy Formation 2-way & 4-way**

**BANJALUKA, 15<sup>th</sup> - 23<sup>rd</sup> Aug 2014**  
**Bosnia and Herzegovina**

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## Required information

1. Event Organizers: The Aeronautical Association of Bosnia and Herzegovina and Skydiving Club "Banjaluka"

1.1. National Air sport Control: THE AERONAUTICAL ASSOCIATION OF B&H

Address: Obala Kulina Bana Sarajevo , BiH

Phone : +387 65 98 11 46

E-mail: [padobranski.klub.banjaluka@gmail.com](mailto:padobranski.klub.banjaluka@gmail.com)

Contact person: Mr Dusko Grmusa – President –

1.2. IPC Delegate: Mr. Vladan Stojkovic

Address: Bulevar Cara Dusana 4 , 78000 Banjaluka, RS, BiH

Phone: +387 66 00 05 91

1.3. Organising Committee : Skydiving Club Banjaluka

Address : Jovana Ducica 100, 78000 Banjaluka RS, BiH

Phone: +387 65 98 11 46

Fax: +387 51 30 95 73

E-mail: [padobranski.klub.banjaluka@gmail.com](mailto:padobranski.klub.banjaluka@gmail.com)

Contact persons:

Mr Dusko Grmusa – President – [grmi\\_padobranac@yahoo.com](mailto:grmi_padobranac@yahoo.com)

Mr Vladan Stojkovic - Skydiving Club "Banjaluka" - [vstojkovic.bl@gmail.com](mailto:vstojkovic.bl@gmail.com)

## 2. Event Details

2.1. FAI-World Parachuting Championships 2014  
for the following Events  
Style & Accuracy, Canopy Formation 2-way & 4-way

2.2. Letters of approval : no objections from authorities. The letter will be submitted on time at the IPC conference in Banjaluka 2013.

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### 2.3. Disciplines to be contested

**Style & Accuracy** (FS & AC) male & female (Team Accuracy 8 + semi- & final round individual accuracy, style 5 rounds according to qualifying system)

#### **Canopy Formation** (CP)

*4-way Sequential* (8 rounds, including final round)

*4-way Rotation* (8 rounds, including final round)

*2-way Sequential* (8 rounds, including final round)

### 2.4. Event Dates:

15<sup>th</sup> August 2014 – Delegations Arrivals and registrations

16<sup>th</sup> August 2014 - Continue of registration, Official training (orientation) jumps, technical meeting, judges conference, Opening ceremony, welcome dinner

17<sup>th</sup> August 2014. – continue of training Jumps, continue of judges' conference, beginning of competition jumps

18<sup>th</sup> -21<sup>st</sup> August 2014 - continue of competition jumps

22<sup>nd</sup> August 2014 – continuing of competition jumps, award & closing ceremony, banquet

23<sup>rd</sup> August Official departure of Delegations

Exact time table will be available not later than January 2013.

### 2.5. Judges training:

We are proposing, due to previous practice, to hold the pre-competition Judges training. This should be agreed with Chief Judge. In accordance to this, we are ready to offer any necessary support for this to be hold successfully.

### 2.6. Location of Event:

Airfield Zaluzani is a part of the City of Banjaluka (approximate 8 km from the City centre to the North).It have with grass RWY. As a central point of the competition is southern part of the airfield, where two hangars are situated and building of the Skydiving Club Banjaluka.

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Airfield Zalužani LQBZ

## 2.7. Details of access to location:

The City of Banjaluka is positioned north in B&H, 330 km West from Belgrade, 200 km North from Sarajevo and about 200km SE from Zagreb. The city is easily accessible from the main highway Zagreb - Okucani Exit - Gradiska -Banjaluka 45Km. The nearest airport is in Zagreb, the capital of the neighbouring country of Croatia. It is approximate 2 hours drive from Zagreb to Banja Luka. Since it is a foreign country, competitors must check if their respective countries require visa to Croatia, as well as for Serbia and B&H. Organizer will arrange teams at the Train station, International Airports to host and direct to hotels. Therefore, Delegations and IPC Officials should announce their arrival in due time with exact timings. The city of Banja Luka has enough hotel capacity to host more than 1500 competitors, delegations and officials.



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**2.8. Weather Conditions:**

The climate in the B&H is moderate continental. During the Month of August, average temperature in Banjaluka is 23°C, average wind direction NNE with average speed of 1m/sec. Please find more details in the attachment (2.7.) where you can see original Republican Meteorological Office's statement.

**2.9. Airspace restrictions:**

The Zaluzani airfield is being used as Drop Zone of our Skydiving Club and airfield for a local Aero Club of Banjaluka sport planes. The authorities guarantee that there will be no airspace restrictions during the all events in regards to the competition. The letter will be submitted on time at the IPC Conference in Banjaluka 2014.

**2.10. Landowner restrictions:**

The City of Banjaluka, as the Owner of the venue, is also one of the main partners in Event organizations, has no restrictions neither objections for using of the Airfield Zaluzani as the venue for the competition.

**2.11. Insurance:**

Third party liability (250.000,00 €) insurance according the SC5 will be covered by an insurance company. The participants are hereby being firmly advised to obtain a traveler's health insurance policy for the duration of the competition.

**2.12 Entry fees:**

	Complete Package (EUR)	
Style & accuracy	750€	15 jumps + 2 training jumps
Accuracy	650€	10 jumps + 1 training jump
CF one event	780€	8 jumps + 1 training jumps
CF two events	970€	16 jumps + 2 training jumps
CF three events	1.160,€	24 jumps + 3 training jumps
Officials and alternates	600€	
Accompanying persons	500€	
Judges at training	per day max 65 EUR	

**Covering**

- competition jumps
- accommodation and food
- local transport (shuttle hotel – DZ – hotel)
- farewell banquet
- FAI Sanction Fee

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Entry fee for Judges at training will cover accommodation, food and Shuttle Bus (Hotel-DZ-Hotel). All extra costs regarding to training course will be discussed in addition.

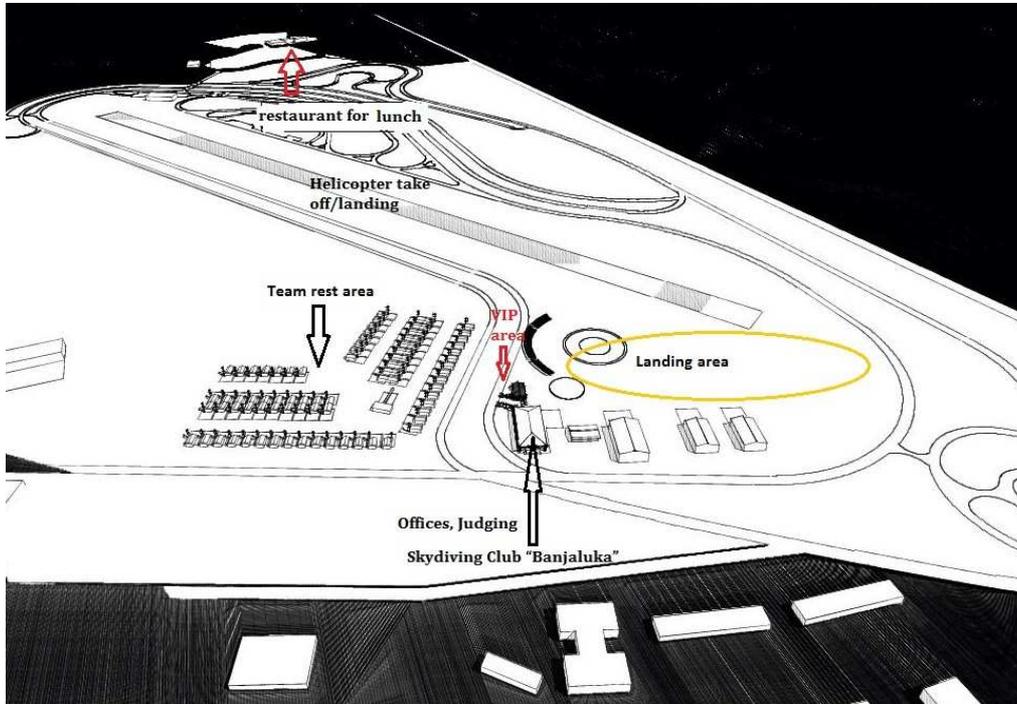
The FAI Medals and Cups will be purchased by Organizers.

## 1.2. Facilities:



Event will be organized by experienced instructors of the Skydiving Club of Banjaluka with the full use of their facilities and equipment. These facilities are being used for similar purposes for a long time. Two hangars and club building offers a lot of rooms and covered areas. Secured parking for all attendees will be available at the venue.

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#### 2.14. Aircraft:

Aircraft to be used for all events will be Helicopters Mi-8 ( 40 jumps per hour and rear door exit which includes top handle) and the UH 1 (right door exit) with average exit speed of 120-130km/h (+ or - 10%) ;reserve options will be Turbolet(left door exit) with average exit speed of 160Km/h(+ or - 10%) and PC-6 Pilatus (right door exit) with average exit speed of 140Km/h (+ or - 10%). The number of aircraft will be regulated in accordance to number of competitors, and the other requirements, like in the past year during FAI first class events.



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#### 2.15. Training prior to competition:

Organizer will provide one of the aircrafts, which is presented in paragraph 2.13. for training prior to competition. Prior competition training will start 3 days prior to the competition - 13<sup>nd</sup> AUG 2014. The prices of training jumps are:

Style:	18.- €
Accuracy:	10.- €
Canopy Formation:	20.- €

Organizer requests all interested parties to notify their possible arrival for prior competition training at least one month earlier prior to training, in order to provide effective arrangements.

#### 2.16. Accommodation:

For all competitors, officials and accompanying persons \*\*\* hotels are in vicinity of the competition site. Additional days before and after the official arrival/departure days have to be paid separately as followed: 60,- €person/night (incl. breakfast) in double bedroom. A limited number of single bedrooms is available at 80,- € person/night (incl. breakfast).

#### 2.17. Local Transport:

Local Transport will be provided by bus going from competition hotel to airfield and back, as well as from DZ to restaurant and back. There will be sufficient Shuttle bus line set going from DZ to the hotel and back for all competitors in order to provide more flexibility for the competitors. However, there are regular bus lines already existing that are connecting DZ and City centre. Costs for local transport during the competition are part of the Entry fee. For all competitors and attendees that are coming with their own vehicles we will have free of charge parking tickets in the City centre.

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**2.18. Media Officer:**

Journalist and TV accreditations will be available for all of those who are appointed for PR and medias. The Press centre will be located in the Club building. National TV and journalists of the national media will be present during the event. Media officer will be appointed, who will be responsible for cooperation with IPC Media liaison officer.

**2.19. Accommodation for FAI/IPC Officials:**

FAI/IPC Officials will be accommodated in the modern, fully equipped hotel in City center.

**2.20. Judging Equipment:**

The judging equipment shall be selected based on recommendation of the IPC Judges commission.

**2.21. Public Address System:**

A public address system and big screens will be available for the teams and for general public.

**2.22. Medical Care:**

Ambulance vehicles with reanimation equipment and medical teams for the emergency situations will be available at the venue as well as helicopter of Ambulance services. Distance to the hospital is about 5km. The city of Banjaluka is the main Clinical center in the region and has got specialized medical facilities and recognized personnel to deal with any kind of injuries and medical conditions. We will be able to provide you physiotherapy on the site of event. We can deal with any kind and make support for any kind of injury fast recovery due to physiotherapy.

**2.23. Proposals for Event officials:**

This time no defined.

**2.24. On-site Communications:**

The powerful wireless internet connection will be provided for full cover of the venue. Organizer will communicate with aircraft crews by radios.

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**2.25. Opening and Closing Ceremonies:**

The Opening ceremony will take place at the Central Krajina square in downtown Banjaluka or Airfield Zaluzani and it will be held early evening on the first day of the competition. It will consist of presentation of all teams and officials. There will be various entertainment programs, including open air music concert and open air party for spectators. The Closing ceremony will be

held at the Jezero restaurant on the last night of the competition and it will include the Closing ceremony banquet and party.

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**2.26. Planed Social Events:**

Organizer will arrange various excursions to regional sightseeing spots and different local cultural and traditional elements during the competition. Various recreational activities will be arranged as well.

**2.27. Accommodation of the persons in addition to official delegation:**

The number of the persons in addition to official delegation is not limited. The arrangements of their accommodation and their status will be ensured in cooperation between the organizer and the delegation members.

**2.28. Layout at the venue:**

Organizer will provide tents for each delegation for the duration of the competition and storage for equipment of all competitors. Organizer will provide clear asphalt surface for the training purposes.

**2.29. Security matters:**

Security for all competitors, accompanying persons, FAI/IPC officials and visitors will be provided by the Local Police force and Competition security staff (CSS).

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**2.30.** VISA issues

Since the venue can be accessed easier from foreign countries rather than from national airports, all delegations, individuals must undertake necessary measures for obtaining visas for B&H, Serbia and Croatia. The organizing committee shall support visa obtaining if the required passport details are submitted in due time.

**2.31.** Safety equipment:

During the competition and training jumps at DZ Zaluzani in Banjaluka, it is mandatory to wear protective helmet or other head protection.

Banjaluka 26.11.2012.

**The Aeronautical Association  
of  
Bosnia and Herzegovina  
Duško Grmuša – President**

**Skydiving Club “Banjaluka”  
Vladan Stojković  
President of skydiving club assembly**

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Attachment 2.8.Weather conditions

## Banja Luka

Bosnia  
And  
Hercegovina



Tab 1

date	Sky cover* 07h	Sky cover 14h	Sky cover 21h	Sky cover avg	Sunshine	RH* 07h	RH 14h	RH 21h	RH daily mean
1.avg	3,1	4,7	2,4	3,4	8,0	80	47	78	68
2.avg	3,9	4,0	2,5	3,5	9,6	85	49	82	72
3.avg	3,4	4,2	2,9	3,5	9,8	82	48	78	69
4.avg	3,2	5,6	3,4	4,1	9,0	87	51	81	73
5.avg	5,5	4,7	4,1	4,8	8,5	83	50	80	71
6.avg	3,5	5,1	4,0	4,2	8,3	85	49	78	70
7.avg	4,5	4,6	3,9	4,3	8,9	85	49	82	72
8.avg	4,3	4,8	3,2	4,1	7,4	88	52	79	73
9.avg	4,2	4,8	3,1	4,0	7,8	86	52	81	73
10.avg	3,8	4,6	2,7	3,7	8,4	90	51	80	74
11.avg	4,8	4,6	3,2	4,2	9,5	83	47	77	69
12.avg	3,8	4,6	3,3	3,9	9,7	86	46	81	71
13.avg	4,0	3,8	3,1	3,6	8,6	85	50	79	71
14.avg	3,0	3,8	2,6	3,1	8,6	89	51	81	74
15.avg	4,2	4,6	2,7	3,8	8,8	84	50	81	72
16.avg	3,4	3,1	1,3	2,6	7,5	89	45	82	72
17.avg	3,4	4,0	2,8	3,4	9,6	84	46	81	70
18.avg	4,8	5,3	3,4	4,5	9,0	87	51	81	73
19.avg	4,4	5,2	4,2	4,6	6,6	84	43	77	68
20.avg	4,0	4,0	3,4	3,8	7,9	87	43	78	70
21.avg	4,4	4,9	2,9	4,1	8,7	84	46	80	70
22.avg	4,3	4,8	2,9	4,0	7,6	88	48	79	72

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<b>23.avg</b>	3,7	4,2	3,0	3,6	8,2	86	45	74	68
<b>24.avg</b>	3,8	4,4	3,1	3,8	8,8	88	46	79	71
<b>25.avg</b>	4,0	5,6	3,1	4,3	8,8	84	50	78	70
<b>26.avg</b>	5,5	5,7	3,7	5,0	7,4	88	57	82	76
<b>27.avg</b>	5,0	5,4	3,1	4,5	6,3	85	46	81	71
<b>28.avg</b>	4,4	6,2	4,2	4,9	7,0	88	51	80	73
<b>29.avg</b>	6,0	6,4	6,2	6,2	6,9	87	52	81	73
<b>30.avg</b>	6,7	6,8	4,4	6,0	5,1	89	55	82	75
<b>31.avg</b>	5,6	5,8	3,9	5,1	5,8	88	52	84	74
<b>1.sep</b>	3,9	5,1	3,0	4,0	6,2	91	50	85	76
<b>2.sep</b>	5,0	5,4	3,9	4,8	7,2	93	48	84	75
<b>3.sep</b>	5,0	4,7	3,9	4,5	6,5	91	52	84	76
<b>4.sep</b>	5,7	6,2	5,4	5,8	7,4	93	60	83	79
<b>5.sep</b>	5,3	5,6	5,4	5,4	5,6	91	50	84	75
<b>6.sep</b>	4,8	5,8	4,0	4,9	6,2	93	53	86	77
<b>7.sep</b>	5,4	5,0	4,6	5,0	7,2	90	53	82	75
<b>8.sep</b>	5,2	6,5	3,6	5,1	6,4	90	51	86	76
<b>9.sep</b>	5,4	5,5	4,3	5,1	6,2	90	52	86	76
<b>10.sep</b>	4,5	4,9	3,4	4,3	6,0	93	52	84	76

\*Data values are measured three time a day (07,14 and 21h)

Tab 2

<b>date</b>	<b>t<sub>min</sub></b>	<b>t<sub>mean</sub></b>	<b>t<sub>max</sub></b>	<b>precip daily max</b>	<b>precip daily mean</b>	<b>wind spd (avg)</b>	<b>wind spd (max)</b>
<b>1.avg</b>	10,6	21,9	37,2	11,6	0,8	0,9	3,4
<b>2.avg</b>	9,8	22,6	37,0	30,9	2,9	1,0	2,8
<b>3.avg</b>	9,3	22,8	39,5	14,8	0,8	1,0	3,5
<b>4.avg</b>	10,4	21,8	36,8	34,0	3,8	0,9	2,5
<b>5.avg</b>	8,4	21,5	35,3	32,0	2,9	1,0	3,4
<b>6.avg</b>	8,2	22,2	37,4	15,2	1,0	1,0	2,8
<b>7.avg</b>	9,1	21,2	35,0	19,8	3,3	0,9	3,2
<b>8.avg</b>	9,6	21,4	35,4	33,6	4,1	0,9	3,0
<b>9.avg</b>	7,2	21,7	37,2	12,7	0,6	0,9	3,5
<b>10.avg</b>	8,6	22,2	40,4	29,3	2,5	0,9	3,5
<b>11.avg</b>	10,1	21,6	38,8	7,4	0,9	0,9	2,9

## 64th FAI / IPC PLENARY MEETING, BANJALUKA, BOSNIA &amp; HERZEGOVINA, 26-27 JANUARY 2013

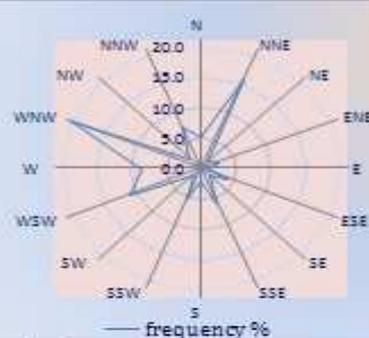
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12.avg	9,3	21,6	36,0	21,2	1,8	0,9	3,5
13.avg	8,2	21,5	37,6	65,6	3,7	0,8	3,5
14.avg	8,2	21,5	40,7	10,6	0,8	0,9	2,9
15.avg	8,6	21,6	38,6	19,6	1,1	1,0	4,4
16.avg	9,6	21,5	36,2	12,9	2,4	1,0	4,4
17.avg	9,8	21,7	35,8	4,6	0,3	0,9	2,4
18.avg	11,0	21,4	40,4	12,6	1,3	0,9	2,6
19.avg	6,4	21,9	39,4	13,7	2,0	1,0	3,5
20.avg	9,4	22,0	40,1	26,4	2,6	1,0	3,2
21.avg	6,6	20,7	41,2	6,4	0,6	1,0	3,6
22.avg	7,4	20,8	37,8	36,9	2,7	0,9	3,1
23.avg	7,4	20,7	39,0	54,0	2,3	0,9	3,4
24.avg	7,8	21,2	38,6	6,0	0,5	0,9	3,3
25.avg	8,8	20,4	37,7	26,4	3,4	0,9	3,8
26.avg	8,6	19,6	37,6	48,8	5,8	0,8	3,0
27.avg	7,8	19,6	36,8	24,0	3,2	0,9	5,0
28.avg	7,0	18,8	37,4	44,7	3,4	1,0	4,4
29.avg	7,2	19,0	38,9	36,0	9,6	1,1	6,7
30.avg	8,2	18,1	37,2	32,4	10,3	1,0	4,4
31.avg	5,2	18,2	33,2	24,9	7,9	1,0	3,3
1.sep	4,5	17,8	33,5	52,6	3,6	0,8	2,8
2.sep	5,8	18,1	33,8	26,6	2,0	0,7	2,9
3.sep	5,6	18,0	32,7	10,1	1,6	0,8	2,8
4.sep	3,2	17,0	33,8	36,2	3,7	0,9	3,9
5.sep	5,0	16,8	35,3	39,4	5,8	1,0	3,6
6.sep	4,2	16,3	38,2	51,7	3,9	1,2	3,9
7.sep	3,4	16,7	38,3	19,0	2,4	0,8	3,1
8.sep	5,0	16,8	31,7	29,7	3,2	0,9	2,6
9.sep	3,8	16,5	31,3	23,0	1,5	1,0	3,6
10.sep	4,4	16,0	32,2	24,5	2,8	0,8	3,2

<b>Subject:</b>	<b>BID TO HOST WPCs IN S&amp;A AND CF, BOSNIA &amp; HERZEGOVINA 2014</b>	<b>Annex No. -</b>	<b>19</b>
<b>Author:</b>	<b>Aeronautical Association of Bosnia &amp; Herzegovina</b>	<b>Agenda ref. -</b>	<b>14.2.2 16.2.1</b>
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Tab 3

direction	frequency %	mean wind spd	max wind spd
N	5,2	1,4	3,1
NNE	15,8	1,5	5,7
NE	1,5	1,5	3,6
ENE	2,6	0,9	2,7
E	0,9	0,7	1,6
ESE	4,2	0,8	2,9
SE	1,5	0,7	3,1
SSE	6,1	0,8	3,0
S	2,2	1,2	6,7
SSW	5,3	0,9	5,0
SW	1,6	0,9	3,4
WSW	10,9	0,9	4,4
W	8,5	0,7	3,9
WNW	20,2	0,7	3,2
NW	2,3	0,8	2,7
NNW	7,4	1,0	3,3
C	3,6	0,0	0,5

Banja Luka - rose wind  
2001-2010