



Verification of SEECOF 6 Precipitation and Mean Temperature outlook for winter 2011/2012 in The Republika Srpska, B&H



Mean Temperature and Precipitation for winter season 2011/2012 and their qualification according to tercile method, as well as prognostic probabilities given in SEECOF 6 consensus outlook in The Republika Srpska are presented at the figure 1 and 2.

Winter temperature average was below normal at the almost all territory, except at the northern part of (Banja Luka, Bijeljina) were is qualified as around normal which is consistent with prognostic probabilities (35% for below normal, 35% for normal) for the SEECOF region.

The Republika Srpska, Bosnia and Herzegovina						
Mean temp, DJF 2011/2012, tercile method (1971-2000)						
Met station	lower tercile	upper tercile	mediana	DJF 2011/2012	precip qualif DJF	prognostic probability
Banja Luka	0.7	2.1	1.3	1.0	around normal	35 35 30
Bijeljina	0.6	2.2	1.5	1.2	around normal	35 35 30
Bileća	3.7	4.6	3.6	2.0	below normal	35 35 30
Gacko	-0.5	0.0	-0.2	-2.2	below normal	35 35 30
Doboј	0.8	1.9	1.3	0.5	below normal	35 35 30
Novi Grad*	1.0	2.0	1.5	0.5	below normal	35 35 30
Prijedor	0.6	1.8	1.4	0.5	below normal	35 35 30
Sokolac	-2.9	-1.7	-2.3	-4.2	below normal	35 35 30
Trebinje*	5.7	6.6	6.2	4.8	below normal	35 35 30
Čemerno*	-2.3	-1.6	-2.0	-4.3	below normal	35 35 30
	below normal		normal			above normal

* Incomplete period 1971-200

Figure 1: Verification of Mean Temperature (°C) outlook for winter season 2011/2012 in The Republika Srpska, Bosnia and Herzegovina

Precipitation were around or above normal at the most of weather stations, except in north-western part of RS were was below normal (Prijedor). The larger probability (40%) was for „below normal“, which is not according to occurred values.

The Republika Srpska, Bosnia and Herzegovina						
Precip DJF 2011/2012, tercile method (1971-2000)						
Met station	lower tercile	upper tercile	mediana	DJF 2011/2012	precip qualif DJF 2011/2012	prognostic probability
Banja Luka	164	243	208	258	above normal	40 35 25
Bijeljina	119	174	149	167	around normal	40 35 25
Bileća	396	533	459	494	around normal	40 35 25
Gacko	364	488	445	481	around normal	40 35 25
Doboj	140	201	174	209	above normal	40 35 25
Novi Grad	167	235	203	173	around normal	40 35 25
Prijedor	161	228	197	156	below normal	40 35 25
Sokolac	122	174	154	292	above normal	40 35 25
Trebinje	460	615	506	585	around normal	40 35 25
Čemerno	361	560	472	551	around normal	40 35 25
	below normal		normal		above normal	

Figure 2: Verification of Precipitation (mm/DJF) outlook for winter season 2011/2012 in The Republika Srpska, Bosnia and Herzegovina

Extrem cold weather occurred in February, with unusual depth of snow cover, number of freezing days and winter mean temperature anomaly from -0.4°C in the north to -2.8°C in central and southern part of RS. Measured temperature minimum at the most station was below -20°C (Gacko and Sokolac: -28°C ; Drinić: -27°C ; Bijeljina: -26.6 ; Srbac: -26.1°C), except in the southern part of country (Trebinje: -7.9°C).

The maximum of daily snow cover, at the most places, on 13th February ranging from 34cm in Prijedor to 218cm in Čemerno (Banja Luka: 41cm; Bijeljina: 40cm; Sokolac 92cm; Bileća: 64cm; Trebinje: 18cm...). By the total accumulation of snow, in the most areas February 2012 is a secondary maximum in the last 25 years (primary maximum was occurred in 2005).

