MONTENEGRO
INSTITUTE OF HYDROMETEOROLOGY
AND SEISMOLOGY

National Climate Bulletin and the assessment of the SEECOF-35 Climate outlook for NHMS of Montenegro - IHMS for winter 2025/26

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Highlights

(Climate monitoring and assessment www.meteo.co.me)
Assessment were done with respect to climatological normal 1991-2020.
According to the percentiles, winter season was in category "warm" to "very warm" in most of the country. Regarding the precipitation, winter season was in category "dry" in NW-SE northern mountainous region and normal in the rest of the country, figure 1.

Air temperature anomalies

Average temperature was in range from -0.3 ^{0}C in Žabljak to 12 ^{0}C in Bar. Temperature anomalies were positive and in range from + 1.3 ^{0}C in Herceg Novi (coastal region) to + 2.4 ^{0}C in Nikšić (central region). In capital town Podgorica average temperature was 9 ^{0}C, i.e. +1.6 ^{0}C higher than climatological normal for winter.
The number of frost days was from 4 days in Podgorica to 75 days in Žabljak. There was *icy days* from 1 day in Berane, 5 dyas in Pljevlja, 7 days in Kolašin and Rožaje, and 15 days in Žabljak. Both of them were below climate normal 1991-2020.

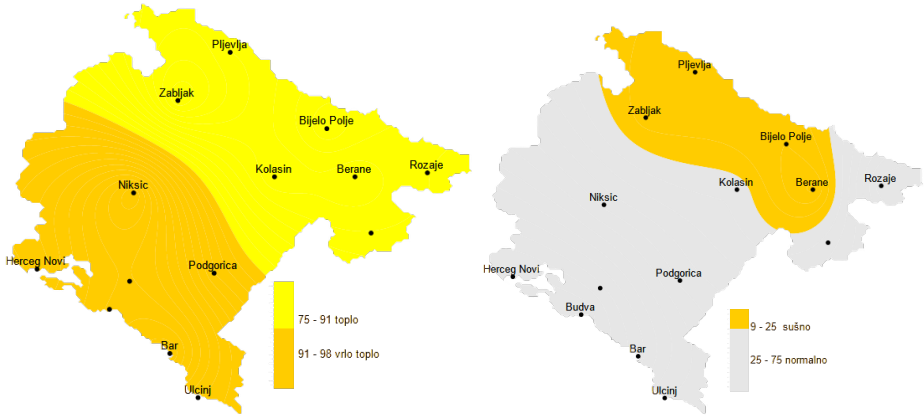


Figure 1. *Percentile distribution of air temperature (left) and precipitation (right) (Map prepared by S. Micev, IHMS)*

Total amount of precipitation was in range from 110 mm in Pljevlja (northern mountainous region) to 1052 mm in Cetinje (central region). Anomalies of precipitation were in range from 56% in Berane (northern region) to 136% in Budva with respect to 1991-2020.

Maximum snow height of 53 cm was recorded in Žabljak on the 4th January.

Table 1.

Season		Air Temperature (°C)					Precipitation sums (mm)			
Station	Rank*	33	50	66	Observed value	Rank*	33	50	66	Observed Value
Podgorica	4			X	8.6 C	46		X		504.6 mm
Bar	6			X	11 C	32		X		496 mm
Niksic	4			X	4.7 C	48		X		588.3 mm
Zabljak	10			X	-1.4 C	58	X			272 mm
Pljevlja	13		X		1.1 C	54	X			145.1 mm

*Rank: period of stations work (**warmest** season and **highest** seasonal precipitation)

SEECOF – 28 CLIMATE OUTLOOK VALIDATION

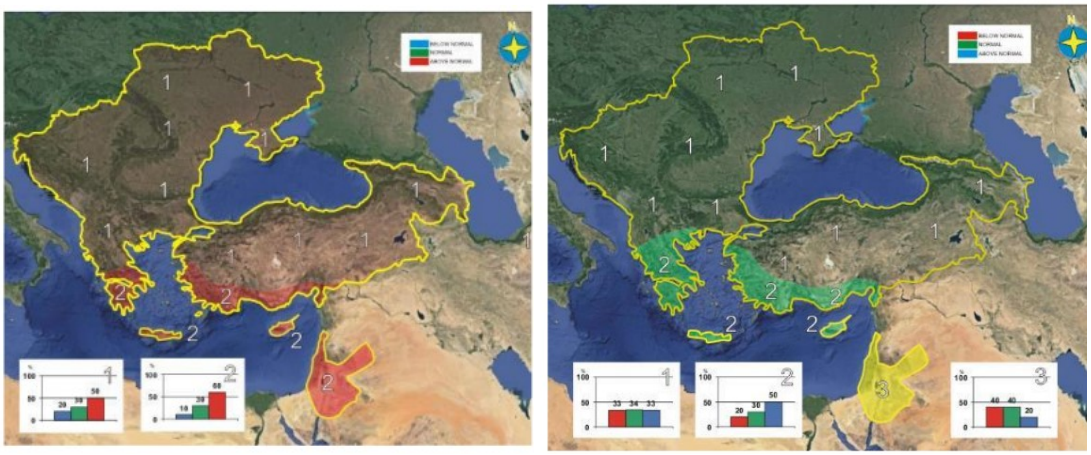
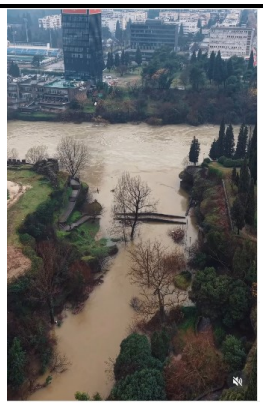
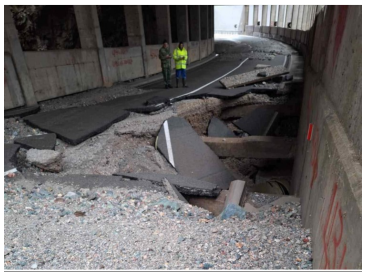


Figure 2. Graphical presentation of the climate outlook for the 2025/26 winter season for the SEECOF region; Temperature outlook (left) and precipitaton outlook (right) (prepared by Mirjana Ivanov, Group of Applied Meteorology and Climate Change)

Climate outlook for the winter temperature shows above normal scenario what matches with observed temperature.

Climate outlook for winter precipitation shows no privileged scenario for the Zone 1 to which belong Montenegro. Considering that observed precipitation amount was normal in large part of Montenegro and dry in NW-SE northern mountainous region, climate outlook matches with observed precipitation.

Country	Seasonal temperature (DJF)		Seasonal precipitation DJF		High Impact Events
	Observed	SEECOF-26 climate outlook for temperature	Observed	SEECOF-20 climate outlook for precipitation	
Montenegro	**Above normal**	Above normal (20,30,50)	**Normal and below normal** in NW-NE mountainous region	No predictive signal (33, 34, 33)	**January:** **02/01/26: Snow fall** Snow blizzard in capital town Podgorica. The bus got stuck on the road to Ostrog. Congestion and occasional delays were expected as it was a busy road.  *Photo:Blic portal, road to Ostrog, 2nd January*  *Photo: Blic portal, Podgorica, 2nd January* **06/01/26:Heavy rainfall, Floods;** After snow fall, floods and river overflows were recorded in several cities and their surroundings. Zeta and Morača were the most critical points. The rise of the Zeta river was solely the result of heavy rainfall. Water level of Morača reached 11m, i.e. 1.26 less than absolute maximum.

					 *Soruce: CDM, river Morača, 6th January* Impacts of heavy rainfall and floods were recorded in the municipalities of Danilovgrad, Nikšić, Mojkovac, Bijelo Polje, Pljevlja, Ulcinj and Cetinje.  *Source: Portal Onogost, Cetinje, January 6th*  *Source::Patrola CG, road Jelovice, 6th January* In Mojkovac and Kolašin; traffic was suspended on several routes due to overflowing rivers and landslides; flooded houses, endangered settlements and roads. the main road Danilovgrad - Nikšić in the town of Orja Luka was closed. Floods slow down coal deliveries to Pljevlja TPP.

					Increase in water level of Scadar Lake endangered households along the coast. Small places Vranjina and Žabljak Crnojevića were particularly affected. **07/01/26: Snow drifts and wind gusts** The pole on the "Štuoc" power line in Žabljak was broken due to snow drifts wind gusts, causing the Broadcasting Center, the transmitter for the Army of Montenegro and telephone operators to be without power (source: CEDIS).