

## Annex

Country: Georgia

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### Assessment of the seasonal forecast for the winter season DJF

2020-2021

#### 1. SEECOF-24 Climate outlook for the 2020-2021 winter season:

**Temperature:** According to the SEECOF-24 probability tercile for the winter seasonal temperature for Georgia was above normal (40 %), near norm (40 %) and below normal (20%).

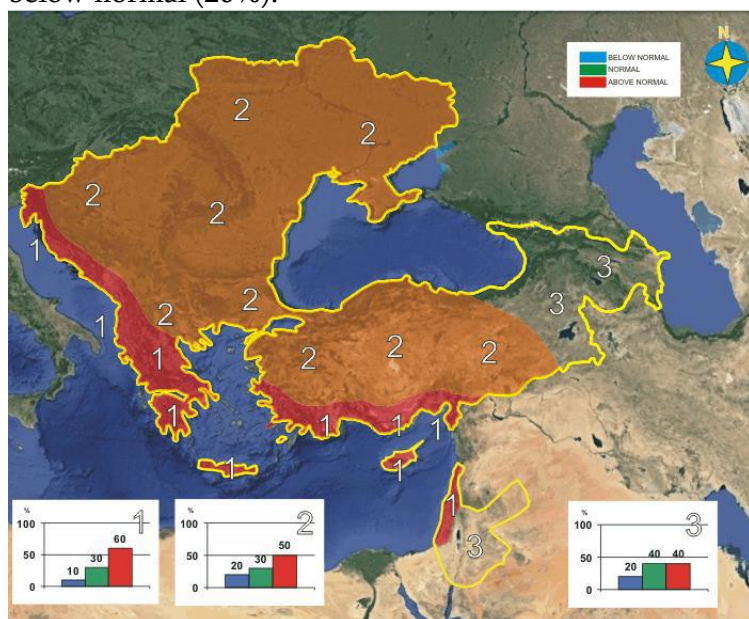


Figure 1. Graphical presentation of the 2020/21 winter temperature outlook

According to the SEECOF-24 outlook for the winter 2020/21 in Georgia, seasonal temperature was expected warmer and near the norm all over the country, verification showed that the winter period in Georgia was warm, except the several stations, where temperature was near the norm, so the outlook for winter in Georgia was correct.

**Precipitation:** According to the SEECOF-24 probability tercile for the winter seasonal Precipitation all over Georgia was uncertain. below normal (33%), near norm (34 %) and above normal (33%).

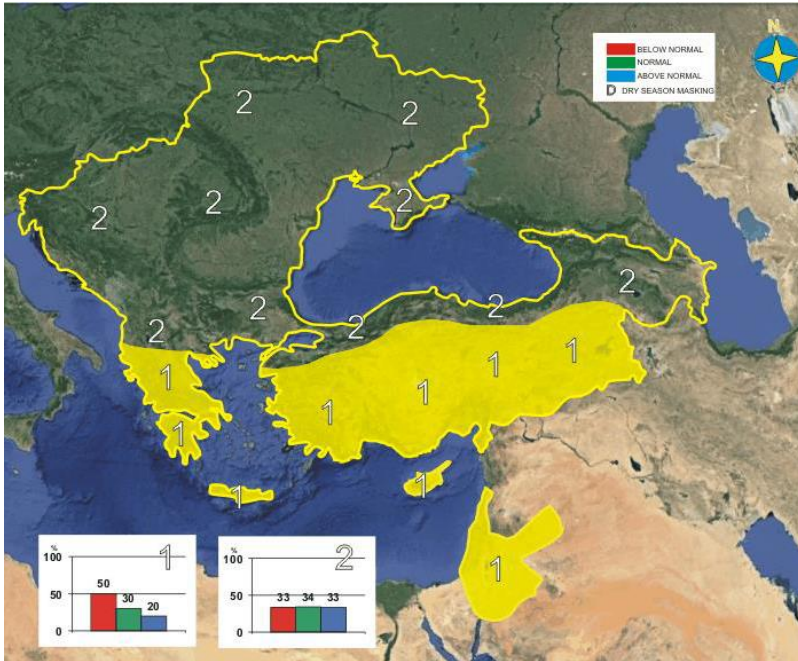


Figure 2. Graphical presentation of the 2020/21 winter precipitation outlook

The 2020/21 winter precipitation outlook for Georgia was uncertain. The winter on the most territory of Georgia was near the norm, except the several stations where it was below the norm and on the several station it was above the norm.

## 2. Analysis of the 2020-2021 winter season:

### *winter temperatures (reference period 1981-2010)*

In winter mean seasonal temperature on the most territory of Georgia was above the normal by 1-3°C and in several station it was near the norm.

#### WINTER 2020/21 TEMPERATURE

	STATION	Obs	DEC	JAN	FEB	DJF_Obs	Dev	DEC	JAN	FEB	DJF_Dev
1	POTI	Obs	11.0	10.3	9.1	10.1	Dev	2.3	3.4	1.9	2.5
2	QOBULETI	Obs	10.1	9.1	8.4	9.2	Dev	2.1	2.7	1.8	2.2
3	ZUGDIDI	Obs	10.7	9.8	9.0	9.8	Dev	2.9	4.0	2.7	3.2
4	QUTAISI	Obs	10.5	10.3	9.0	9.9	Dev	2.2	4.0	2.4	2.9
5	ZESTAPHONI	Obs	7.8	8.0	8.0	7.9	Dev	0.6	2.9	2.4	2.0
6	SACHKHERE	Obs	5.4	5.2	5.9	5.5	Dev	1.7	3.2	2.9	2.6
7	AMBROLAURI	Obs	6.5	5.2	5.2	5.6	Dev	4.0	4.4	3.0	3.8
8	MTA-SABUETI	Obs	-0.8	0.7	1.8	0.5	Dev	-0.3	3.1	4.1	2.3
9	KHASHURI	Obs	2.3	2.2	4.4	3.0	Dev	1.0	2.4	4.0	2.5
10	GORI	Obs	3.0	2.7	4.4	3.4	Dev	1.1	2.2	3.0	2.1
11	TBILISI	Obs	4.3	4.2	6.7	5.0	Dev	-0.1	1.0	2.7	1.2
12	BOLNISI	Obs	3.0	3.9	6.1	4.3	Dev	-0.7	1.4	3.0	1.2
13	TELAVI	Obs	2.7	3.0	5.8	3.8	Dev	-1.1	0.8	2.7	0.8
14	DEDOPLISTSKARO	Obs	1.1	2.4	4.1	2.5	Dev	-1.7	1.6	2.7	0.9
15	SAGAREJO	Obs	2.4	4.4	6.0	4.3	Dev	-1.3	2.3	3.7	1.6
16	PASANAURI	Obs	1.0	0.5	1.4	0.9	Dev	1.3	2.6	2.2	2.0
17	TIANETI	Obs	-0.2	-0.3	0.5	0.0	Dev	0.3	2.1	1.8	1.4
18	BORJOMI	Obs	2.4	2.6	4.3	3.1	Dev	1.0	2.4	3.4	2.3
19	AKHALTSIKHE	Obs	0.2	0.4	3.0	1.2	Dev	0.5	2.6	3.6	2.2
20	TSALKA	Obs	-1.7	-0.6	0.0	-0.8	Dev	-0.2	2.8	3.1	1.9
21	AKHALQALAQI	Obs	-1.8	-2.7	-1.7	-2.0	Dev	2.1	4.0	4.3	3.5

### *Semmer Precipitation (reference period 1981-2010)*

On the most territory of Georgia, winter precipitation was the norm, on several stations it was below and on several station above the norm.

#### WINTER 2020/21 PRECIPITATION

	STATION	Obs	DEC	JAN	FEB	DJF_Obs	Dev	DEC	JAN	FEB	DJF_Dev
1	POTI	Obs	131.0	135.4	108.2	374.6	Dev	84%	87%	85%	86%
2	QOBULETI	Obs	196.3	206.7	248.0	651.0	Dev	82%	98%	138%	106%
3	ZUGDIDI	Obs	75.1	107.1	111.1	293.3	Dev	52%	71%	80%	67%
4	QUTAISI	Obs	87.3	188.8	80.1	356.2	Dev	57%	115%	66%	79%
5	ZESTAPHONI	Obs	70.3	170.7	111.7	352.7	Dev	52%	107%	90%	83%
6	SACKHERE	Obs	16.0	168.4	113.8	298.2	Dev	18%	204%	166%	130%
7	AMBROLAURI	Obs	26.0	125.2	115.8	267.0	Dev	26%	130%	164%	106%
8	MTA-SABUETI	Obs	92.1	126.4	142.0	360.5	Dev	71%	82%	108%	87%
9	KHASHURI	Obs	15.0	98.7	43.9	157.6	Dev	28%	159%	90%	92%
10	GORI	Obs	13.0	62.9	39.9	115.8	Dev	38%	185%	124%	116%
11	TBILISI	Obs	34.9	6.9	34.5	76.3	Dev	163%	43%	160%	122%
12	BOLNISI	Obs	38.6	5.2	36.7	80.5	Dev	185%	30%	140%	118%
13	TELAVI	Obs	21.0	22.5	31.8	75.3	Dev	69%	97%	96%	88%
14	DEDOPLISTSKARO	Obs	29.5	11.4	35.4	76.3	Dev	132%	50%	121%	101%
15	SAGAREJO	Obs	49.8	8.3	36.8	94.9	Dev	152%	34%	97%	94%
16	PASANAURI	Obs	31.0	85.0	30.8	146.8	Dev	57%	197%	58%	104%
17	TIANETI	Obs	16.2	12.2	23.3	51.7	Dev	47%	45%	59%	50%
18	BORJOMI	Obs	38.0	61.8	19.6	119.4	Dev	93%	154%	47%	98%
19	AKHALTSIKHE	Obs	19.2	20.5	31.1	70.8	Dev	73%	84%	117%	91%
20	TSALKA	Obs	19.8	19.8	29.3	68.9	Dev	84%	115%	102%	100%
21	AKHALQALAQI	Obs	37.3	54.4	25.3	117.0	Dev	118%	183%	77%	126%

**3. Verification of the SEECOF-24 climate outlook for the 2020/21 winter season:**

Country	Seasonal temperature (DJF)		Seasonal precipitation (DJF)	
	Observed	SEECOF-24 climate outlook for temperature	Observed	SEECOF-24 climate outlook for precipitation
Georgia	In the most territory of the country, winter temperature was above the norm and near the norm	Near norm or above the norm for over all Georgia	Precipitation was near the norm in the most territory of the country, on the several stations it was below and on the several stations above the norm	No signal