

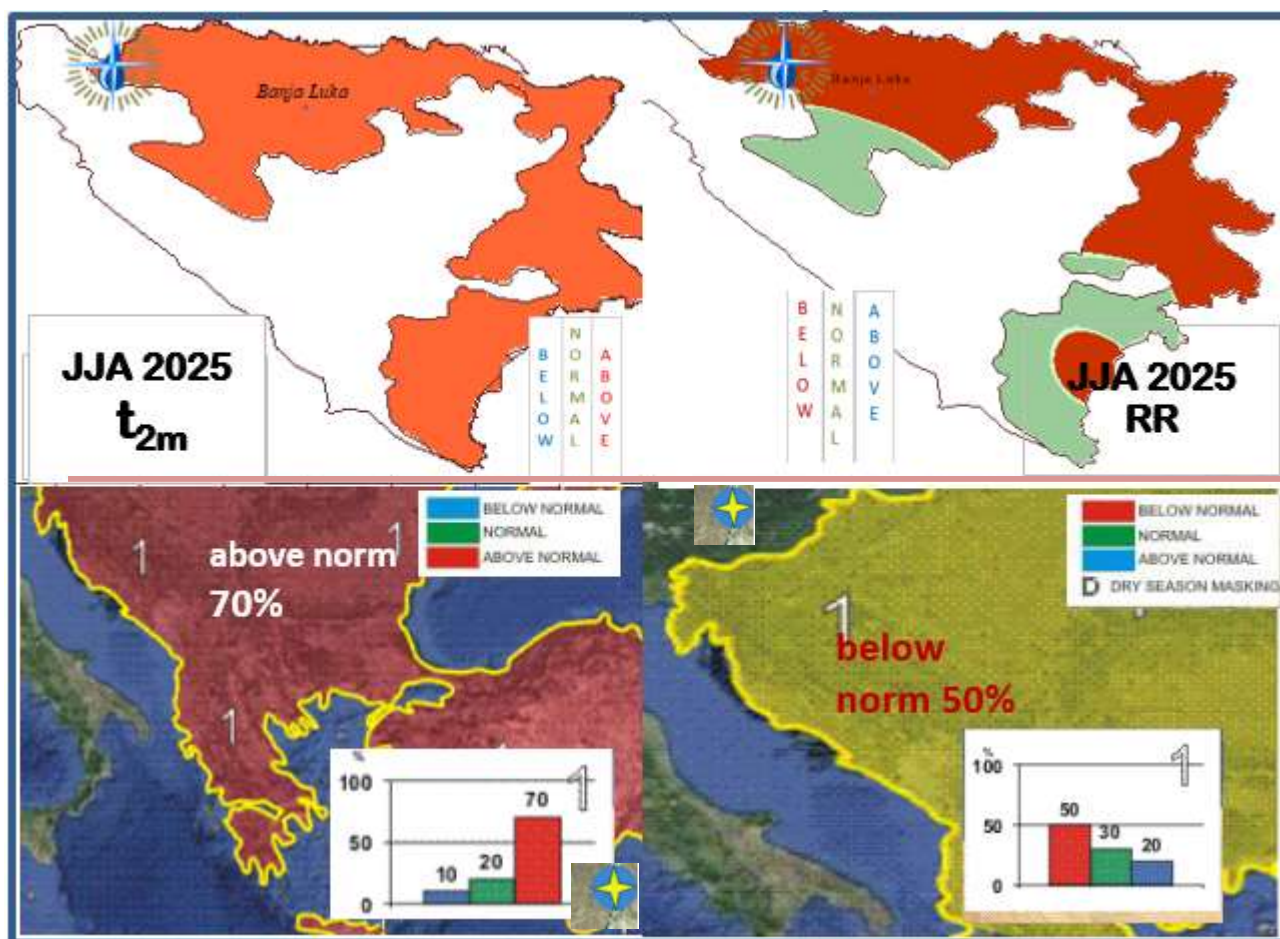


Verification of the the JJA 2025 SEECOF-33 outlook over The Republika Srpska, Bosnia and Herzegovina

1. SEECOF-33 Consensus Statement of the Climate Outlook for summer 2025.

Temperature and Precipitation

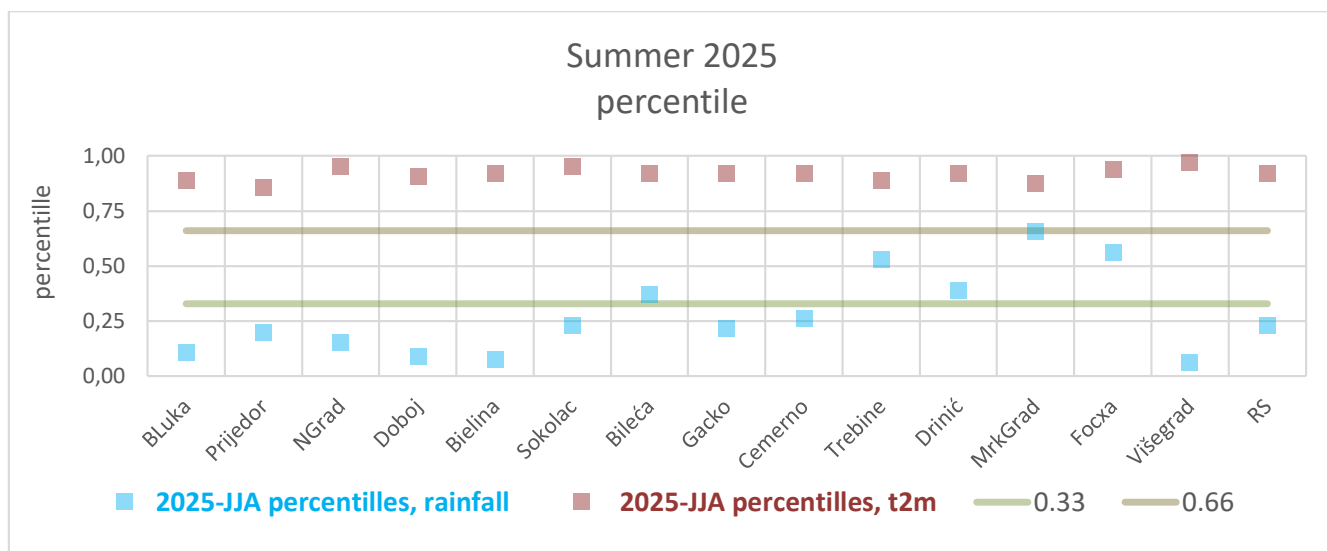
Based on tercile ranks and climate classification ratings, SEECOF-33 outlook thermal conditions over the Republika Srpska (RS) for summer2025 had been described as **warmer than normal (the portion 1, down left)**. According to observed values, this climatological prognosys was excellent over entire Republic of Srpska.



Temp (left) and PRC tot (right) for Summer 2025 outlook (below) and observed values (above)

Precipitation forecast was expected **below normal** (the portion 1, down right) weather pattern. Observations across the territory shows below normal weather pattern over the RS area (25P). The

precipitation outlook also was correct, giving highest chances for below and near normal conditions.



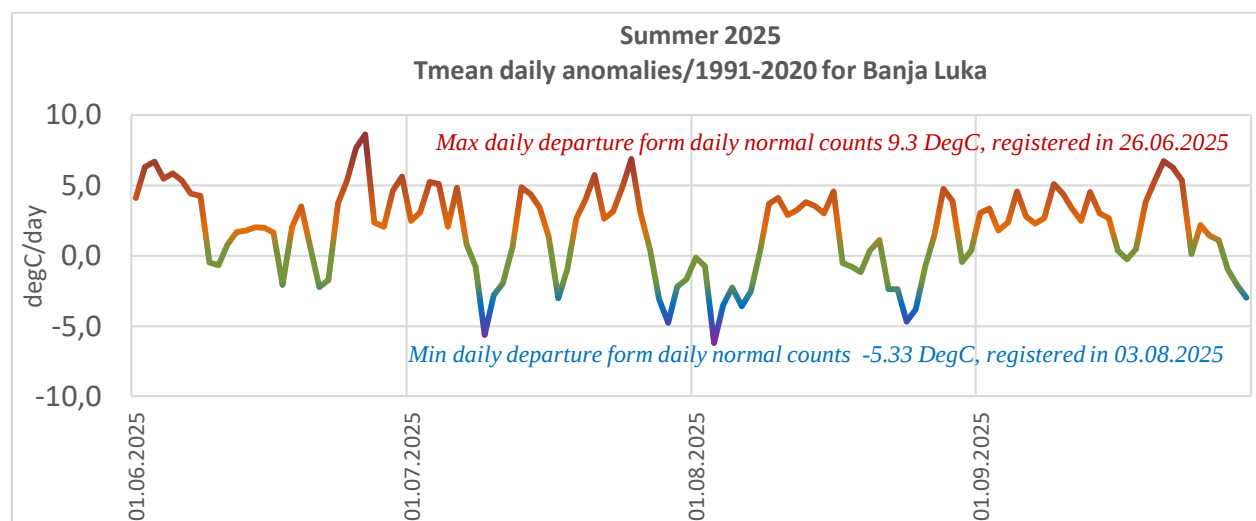
June 2025 was extremely sunny&warm and extremely dry in Republic of Srpska and Bosnia and Herzegovina

- Record-breaking solar radiation since the beginning of measurements in 1889
- June 2025, with 7mm amount of rainfall, is the absolute minimum since 1950 years; the average deficit for the territory of Srpska was **-90.8%**.
- second warmest June (after 2022yr)
- according to satellite based data, regional weather pattern accross the Region was similar: **JJA-2025 in South-Eastern Europe Region's encountered Radiative Peak**

• Analysis of the 2025 Summer season

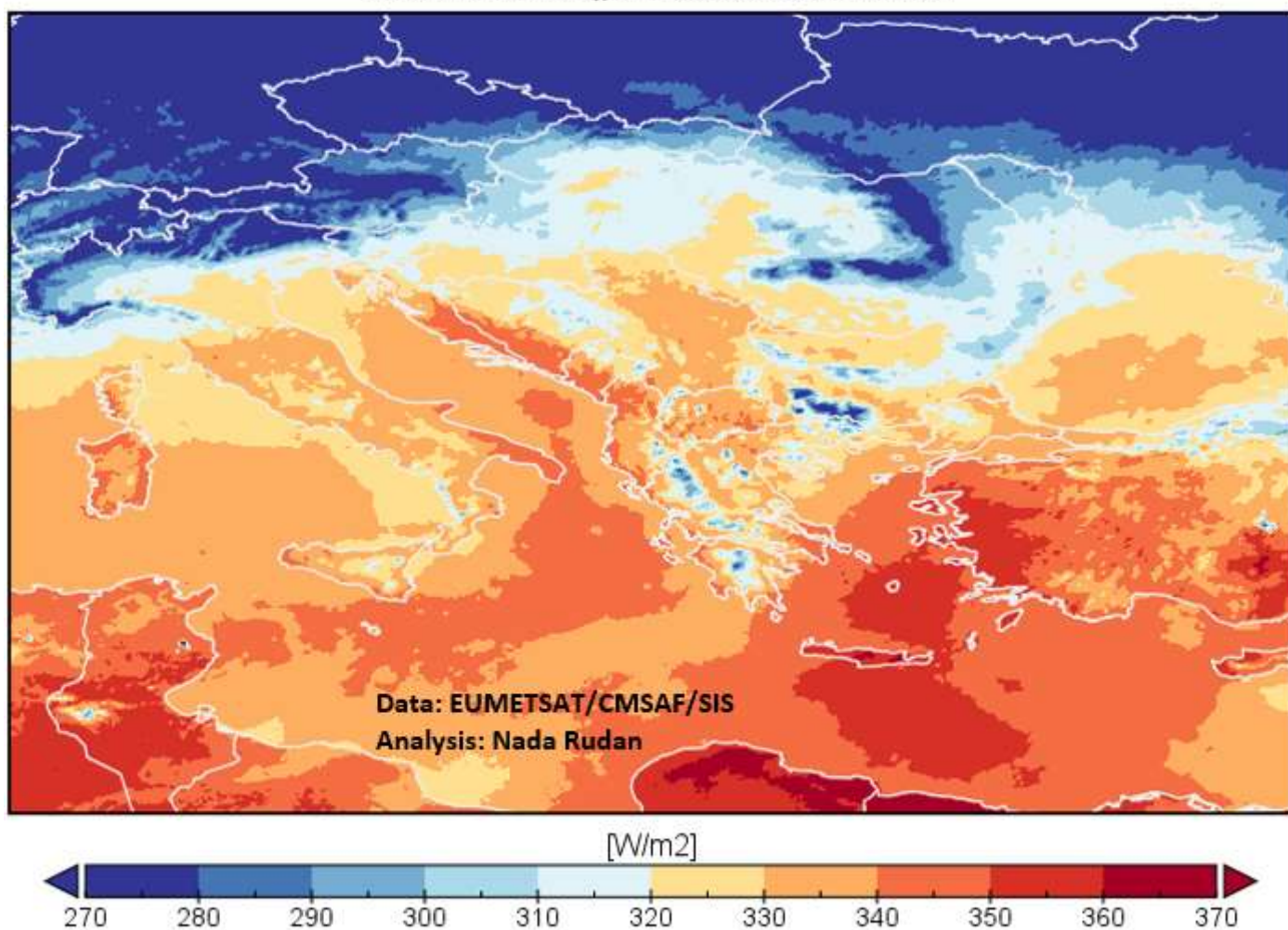
- Thermal&solar conditions

A more comprehensive statistical overview of thermal occasions is presented in the following tables and graphs.

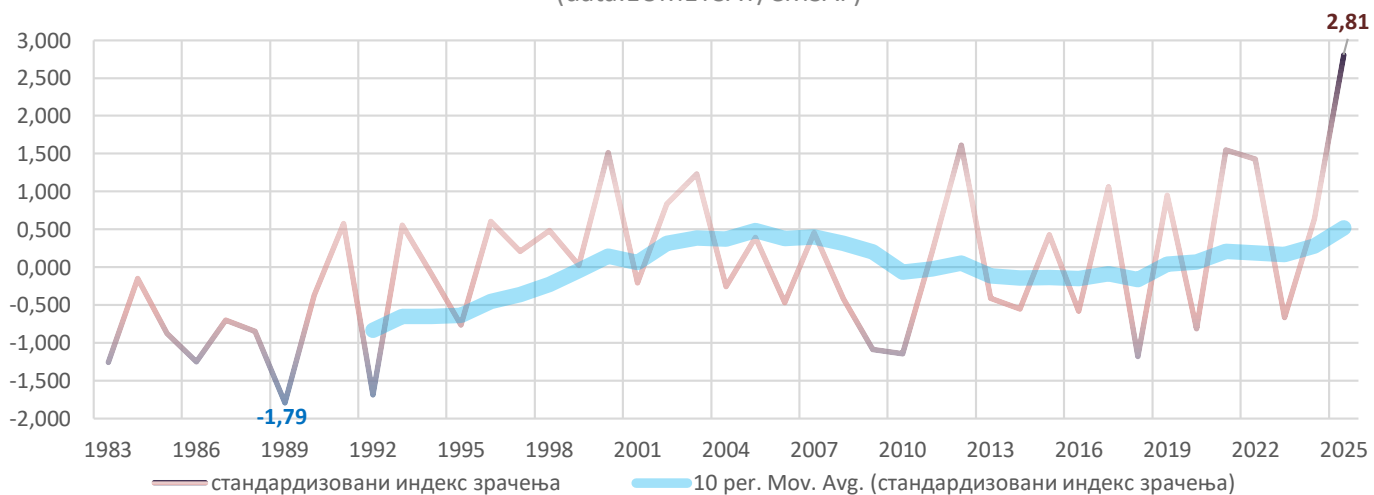


сунчево краткоталасно зрачење у јуну

Surface Downwelling Shortwave Radiation for Jun



Surface incoming solar radiation , standardizes index for June over Bosnia and Herzegovina (data:EUMETSAT/CMSAF)



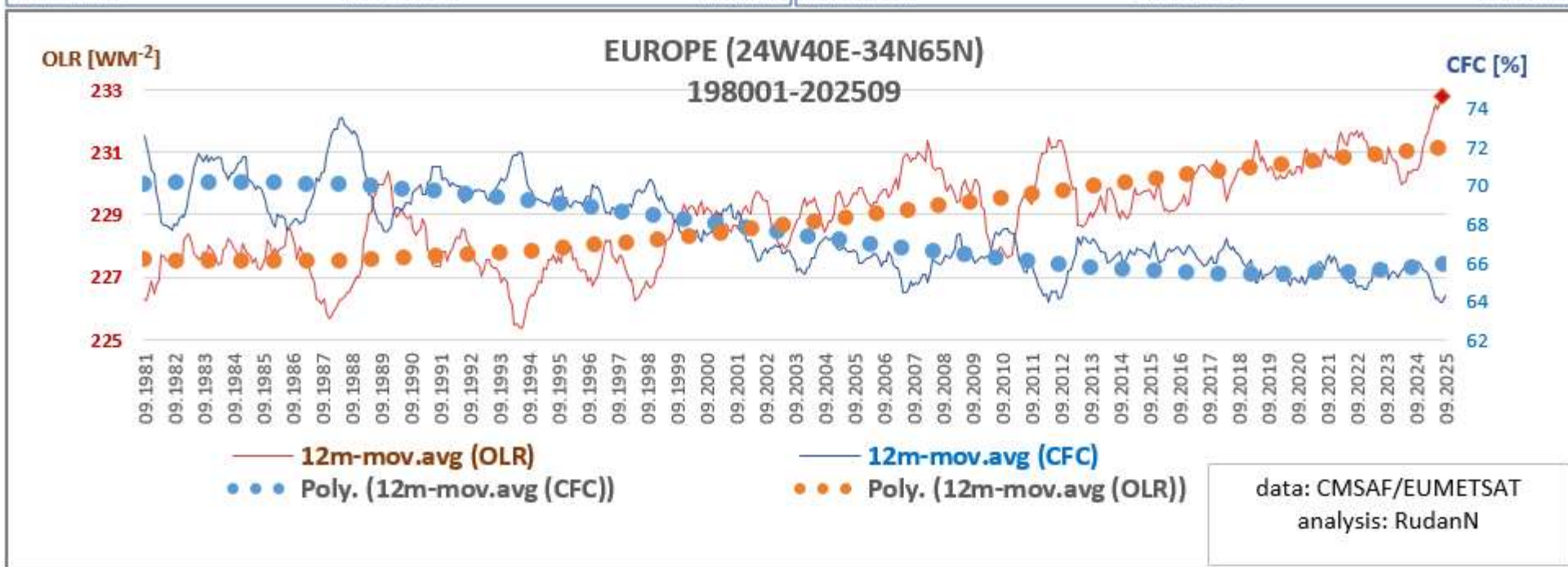
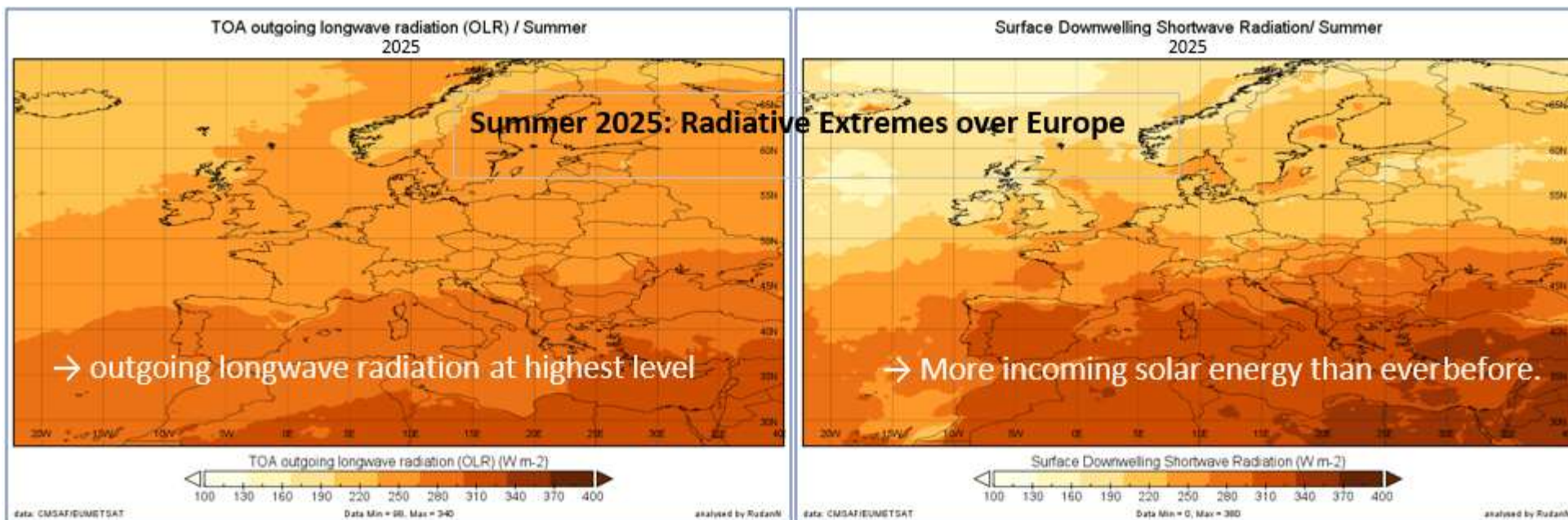
Mean temp - statistics for the JJA-2025 with reference to 1981-2010 for the RS stations(°C)

Station	JJA 1981- 2010	STD	index	PercRank 2025	JJA 2025	lower tercille	upper tercille	median	tercille category
Бања Лука <i>Bana Luka</i>	21.0	1.05	2.35	0.99	23.5	20.6	21.5	20.8	<i>above</i>
Приједор <i>Priedor</i>	21.2	1.08	1.61	0.95	22.9	20.6	21.8	21.1	<i>above</i>
Нови Град <i>NoviGrad</i>	20.2	1.13	2.25	0.99	22.7	19.6	20.5	20.1	<i>above</i>
Добој <i>Doboy</i>	20.5	1.00	2.55	0.99	23.1	20.0	21.0	20.4	<i>above</i>
Бијељина <i>Bijeljina</i>	21.3	1.19	2.10	0.98	23.8	20.8	21.8	21.2	<i>above</i>
Соколац <i>Sokolac</i>	16.3	1.02	2.19	0.99	18.5	15.8	16.9	16.3	<i>above</i>
Билећа <i>Bileca</i>	18.4	7.31	0.73	0.77	23.8	20.6	21.5	21.0	<i>above</i>
Гацко <i>Gacko</i>	17.3	0.90	2.82	1.00	19.8	16.8	17.8	17.3	<i>above</i>
Чемерно <i>Schemerno</i>	14.8	0.92	2.54	0.99	17.2	14.4	15.2	14.9	<i>above</i>
Требиње <i>Trebine</i>	23.3	1.13	1.79	0.96	25.3	22.8	23.5	23.0	<i>above</i>
Дринић <i>Drinic</i>	17.1	1.12	1.48	0.93	18.8	16.8	17.4	17.2	<i>above</i>
Фоча <i>Foscha</i>	19.4	1.00	1.71	0.96	21.1	19.1	19.9	19.4	<i>above</i>
МркГрад <i>MrkonjicG</i>	18.2	1.07	1.74	0.96	20.1	17.6	18.7	18.2	<i>above</i>

Incoming solar radiation and sunshine duration was record breaking, but due to extremely high level of outgoing longwave radiation, summer 2025 was 10th warmest.

Tmean JJA anomaly (mean **positive** and **negative**)

1991- 2020	1981-2010	1950-2020
3.4	3.6	3.7
-2.2	-1.9	-1.9



- [Rainfall](#)

JJA-2025 precipitation statistics over the RS (ref 1981-2010)

Station	JJA 1981 - 2010	STD	z (SPI)	NORMSDIST (z) (percentile)	PercRank 2025	JJA 2025 (mm)	% JJA2025	suf/def %	33,33	66,67	50,00	tercile anom.categ
<i>Бања Лука Bana Luka</i>	276	81	-1.63	0.05	0.11	143	52	-48.2	235	313	273	<i>below</i>
<i>Приједор Priedor</i>	243	76	-0.69	0.24	0.20	190	78	-22	198	271	219	<i>below</i>
<i>Нови Град NoviGrad</i>	247	71	-1.03	0.15	0.16	173	70	-30	216	279	246	<i>below</i>
<i>Добој Doboy</i>	284	104	-1.34	0.09	0.09	146	51	-49	218	321	272	<i>below</i>
<i>Бијељина Bijeljina</i>	243	78	-1.80	0.04	0.08	103	42	-58	216	278	255	<i>below</i>
<i>Соколац Sokolac</i>	238	64	-0.86	0.19	0.23	183	77	-23	207	259	239	<i>below</i>
<i>Билећа Bileca</i>	179	71	-0.19	0.43	0.38	166	93	-7	144	196	175	<i>normal</i>
<i>Гацко Gacko</i>	200	84	-0.69	0.25	0.22	142	71	-29	158	226	198	<i>below</i>
<i>Чемерно Schemerno</i>	224	98	-0.41	0.34	0.27	184	82	-18	186	254	203	<i>below</i>
<i>Требиње Trebine</i>	179	97	0.26	0.60	0.53	204	114	14	133	229	161	<i>normal</i>
<i>Дринић Drinic</i>	272	87	-0.34	0.37	0.39	242	89	-11	243	309	251	<i>normal</i>
<i>Фоча Focxa</i>	215	81	0.01	0.50	0.56	216	100	0	175	225	204	<i>normal</i>
<i>МркГрад MrkonigG</i>	264	102	0.34	0.63	0.66	299	113	13	227	291	265	<i>normal</i>

Hottest and driest years in summer: 1950 (93mm), 1946 (99mm), 1933...; in the distant past: 1894, 1895, 1905 (at the end of 19th century sunshine duration over the Balkans >90P). Each severe to extreme drought over here was connected with the similar anticyclonal weather pattern (very sunny to extremely sunny-warm to extremely warm) which has the return period of about 60-70yrs.

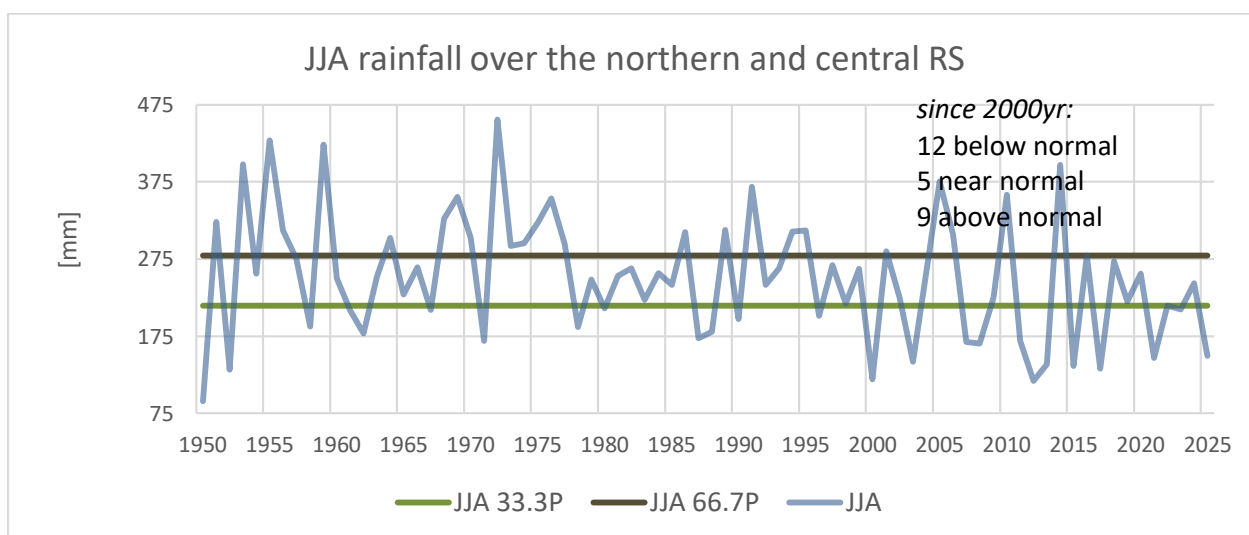
precipitation statistics for Bijeljina, Sokolac, Terbinje and Banja Luka (ref 1981-2010) in particular summer months and JJA-2025: severe drought over the northern places

Бијељина Bijeljina					
month	Rainfall height 2025 (mm)	Normal 1981-2010	Trend %	SPI	Percentile
June	0	95	-100.0	-1.99	0.02
July	52	63	-16.9	-0.47	0.32
August	51	56	-9.0	-0.33	0.37
JJA	103	255	-59.5	-1.80	0.04

Соколац Sokolac					
month	Rainfall height 2025 (mm)	Normal 1981-2010	Trend %	SPI	Percentile
June	31	84	-63.6	-1.59	0.06
July	57	76	-24.7	-0.50	0.31
August	95	61	54.9	0.62	0.73
JJA	183	239	-23.5	-0.86	0.19

Требиње Trebinje					
month	Rainfall height 2025 (mm)	Normal 1981-2010	Trend %	SPI	Percentile
June	7	59	-88.1	-1.32	0.09
July	24	30	-18	-0.41	0.34
August	173	52	233	1.66	0.95
JJA	204	161	27.2	0.26	0.60

Бањалука Banja Luka					
month	Rainfall height 2025 (mm)	Normal 1981-2010	Trend %	SPI	Percentile
June	7	108	-93.8	-2.12	0.02
July	79	78	0.3	-0.12	0.45
August	58	67	-13.3	-0.41	0.34
JJA	143	273	-47.7	-1.63	0.05



2. High impact events:

Wild fires occurred at the Southern area (Eastern Herzegovina) during very hot and dry periods.

3.Verification of the climate outlook for the 2025 summer

Country	Seasonal temperature (JJA)		Seasonal precipitation (JJA)	
	Observed	SEECOF <i>climate outlook</i>	Observed	SEECOF <i>climate outlook</i>
The Republika Srpska, Bosnia and Herzegovina	<i>Above normal</i>	<i>Above normal</i>	<i>Below over the most places (normal in southern)</i>	<i>Below to normal</i>

Assesment:

The outlook was correct for both climate outlook, temperature and precipitation.