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SOURCE Vojvodjanski Poljoprivrednik.

WEATHER IN THE VOJVODINA, DECEMBER 1950

D. Lakic

The Agrometeorological Center in Novi Sad has issued the following report on weather conditions in the Vojvodina in December 1950:

Precipitation (millimeters)

Upper Backa: Palic 62, Orom 73, Senta 90, Tornjos 69, Bajmok 73, Pacir 56, Backo Petrovo Selo 87, Becej 80, Crvenka 60.

Lower Backa: Rimski Sancevi 81, Celarevo 57, Backa Palanka 63, Backi Petrovac 71, Ruski Krstur 72, Vrbaas 62, Kamendin 69, Srbobran 73, Biserno Ostrvo 82, Sajkas 81, Titel 80.

Western Backa: Backi Breg 72, Bezdan 67, Backi Monostor 72, Sombor 56, Apatin 89, Bogojevo 80, Odzaci 75, Plavna 74.

Northern Banat: Coka 84, Kikinda 84, Rusko Selo 78, Volosinovo 84, Itebej 53, Zrenjanin 67.

Southern Banat: Bela Crkva 45, Vrsac 68, Hajducica 91, Konak 69, Tomasevac 64, Pancevo 57.

Srem: Morovic 74, Sid 63, Bosut 57, Calma 59, Sremska Mitrovica 84, Besenovo 43, Ruma 67, Iriski Venac 104, Sremska Kamenica 77, Petrovaradin 90, Sremski Karlovci 83, Gladnos 59, Stara Pazova 63, Popinci 62, Hrtkovci 56, Ogar 43, Ugrinovci 46, Boljevci 55.

Total Evaporation (millimeters)

Palic 15, Coka 11, Srbobran 15, Rimski Sancevi 22, Sremska Mitrovica 14, Vrsac 143.

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Temperatures (centigrade)

Average for month: Palic 4.2, Sombor 4.3, Kikinda 4.9, Zrenjanin 5.3, Vrbas 4.6, Novi Sad 4.7, Sremska Mitrovica 4.6, Nova Pazova 5.1, Vrsac 7.5.

Minimum temperature, varying from minus 4 to minus 2 degrees, on 31 December.

Maximum temperature, varying from 14 to 16 degrees, on 8 December.

Soil temperatures at Rimski Sancevi averaged: at 5 centimeters, 4.5 degrees; at 10 centimeters, 4.8 degrees; at 30 centimeters, 5.9 degrees; at 50 centimeters, 6.2 degrees, at one meter, 6.9 degrees.

Hours of Sunlight

Palic 50, Rimski Sancevi 22, Backi Petrovac 39, or slightly more than 10 percent of the possible maximum.

Actinic power of solar illumination: 2,027 calorigrams per square centimeter at Rimski Sancevi, or a daily average of 65 calorigrams per square centimeter.

Relative Humidity

Average for month, 87.2 percent; average at 1400 hours: 85.1 percent.

Sky Cover

Average total, 8.3 percent (?).

Wind

Monthly average for all winds, 1.9, according to the Beaufort scale. Prevailing winds were from the southeast.

Atmospheric Pressure at Rimski Sancevi

Monthly average, 750.9 millimeters; highest, 759.2 millimeters on 1 December; lowest, 745.4 millimeters on 15 December.

Conclusions

1. Meteorological

Total precipitation in December exceeded the average (45 millimeters) over many years by 25 millimeters. There were between 16 and 19 days of precipitation, and from 2 to 3 days of light snow.

The average temperature showed an increase of almost 3 degrees above the normal temperature for this month. There were no heavy frosts.

Low evaporation was caused by high relative humidity. An exception was a section in southeastern Banat, which was exposed to strong, warm, and dry southeasterly winds.

2. Agricultural

The precipitation and the warm weather aided the growth of winter crops. Because the ground was not frozen, the sowing of winter wheat and deep winter plowing could be continued, when frequent precipitation and high humidity permitted.

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