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[Numbers in parentheses refer to appended sources; underlined dates refer to days of publication; all temperatures are given in degrees centigrade.]

1 May

Last night's lowest temperature in Moscow was 9 degrees; it was 12 degrees at noon today. (1)

Yesterday during the day, showers fell locally in western Belorussia. It then became cooler there. Slightly cloudy weather continued in the rest of the republics. Temperatures at 1500 hours were 15 degrees above zero in Grodno, 17 in Brest, 18 in Minsk, 19 in Polotsk, 20 in Pinsk, 23 in Mogil'ev and Gomel', 24 in Bobruysk, and 25 in Lal'chitsy. (2)

2 May

No weather reports were published on this date.]

3 May

This morning, cloudy weather with thunderstorms was observed in Leningrad, Moscow, and in the central regions of the European USSR, and the mountainous areas of the Caucasus.

Last night's lowest temperature in Moscow was 12 degrees; it was 14 degrees at noon today. (1)

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4 May

During the past 24 hours, a mass of cold air reached Belorussia from the north, and it became cooler in the republic. Temperatures at 1500 hours were 8 degrees in Orsha and Vitebsk, 11 in Mogilev, Minsk, and Borisov, 12 in Vileyka, Grodno, and Brest, 13 in Baranovichi and Bobruysk, and 14 in Mozyr'. (2)

Temperatures yesterday morning were -16 degrees on Dikson Island, -12 in Khatanga, -5 in Sverdlovsk and Bnyubshov, zero in Murmansk and Arkhangal'sk, 3 degrees above zero in Tallin, 4 in Riga, 5 in Minsk, 12 in Moscow and Sochi, 13 in Kiev, Odessa, Rostov-on-Don, and Yalta, 15 in Ashkhabad, and 16 in Tashkent.

Yesterday's temperatures in Leningrad were 6 degrees during the morning, 3 degrees during the day. (3)

5 May

Temperatures at 0900 hours this morning were -9 degrees in Vorkuta, -8 in Nar'yan-Mar, -1 in Murmansk, 1 degree above zero in Arkhangal'sk, 2 degrees in Vologda, 3 in Syktyvkar, 4 in Kirov, 6 in Ufa, 7 in Molotov, 9 in Kalinin, 10 in Gor'kiy and Saratov, 11 in Kazan', 12 in Riga, Saolensk, and Bnyubshov, 13 in Minsk, 14 in Ruzhev, Kiev, and Sochi, 15 in Rostov and Yalta, 16 in L'vov, Khar'kov, Stalingrad, and Krasnodar, 17 in Astrakhan', and 18 in Kishinev.

Last night's lowest temperature in Moscow was 1 degree; it was 13 degrees at noon today. (1)

6 May

Last night's lowest temperature in Moscow was 3 degrees; it was 14 degrees at noon today. (1)

Yesterday during the day, showers fell locally in the western portion of Belorussia. Temperatures at 1500 hours were 19 degrees in Polotsk and Vitebsk, 20 in Brest, 21 in Mogilev and Grodno, 22 in Vileyka, Minsk, Bobruysk, and Gornel', 23 in Baranovichi, Pinsk, and Mozyr', 25 in Zhittkovichi. (2)

Temperatures yesterday morning were -13 degrees on Dikson Island, -8 in Igarka, -1 in Murmansk, 1 degree above zero in Arkhangal'sk, 4 degrees in Kirov, 9 in Tallin, 10 in Moscow and Sverdlovsk, 12 in Riga, 14 in Kiev, 15 in Tashkent, Yalta, and Sochi, 16 in Stalingrad, 17 in Minsk, 18 in Odessa, and 20 in Ashkhabad.

Yesterday's temperatures in Leningrad were 6 degrees during the morning, 8 degrees during the day. (3)

7 May

This morning, there was overcast weather and rain fell in the southern central European USSR, western Ukraine, and northern Volga Region. Snow fell locally in Arkhangal'sk Oblast, Komi ASSR, and Karelo-Finnish SSR.

Last night's lowest temperature in Moscow was 4 degrees above zero; it was 11 degrees at noon today. (1)

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Rain fell during the past 24 hours in Belorussia. The heaviest rains, ranging from 11 to 22 millimeters, fell in Minsk, Molodechno, Baranovichi, and locally in Grodno, Brest, Poles'ye, Bobruysk, and Mogilev oblasts. Temperatures at 1900 hours were 13 degrees in Polotsk, 14 in Vileyka, 15 in Minsk, 17 in Mogilev, 18 in Gomel', 19 in Baranovichi and Slutsk, and 21 in Mozyr', Pinsk, Grodno, and Brest.(2)

Yesterday's temperatures in Leningrad were 7 degrees above zero during the morning, 14 degrees during the day.(3)

Sunny, rather warm weather is promoting drying of the soil in Estonian SSR. Almost generally, it has assumed a mellow condition, which is most favorable for field work. The mean diurnal temperature soil at a depth of 10 centimeters ranges between 8 and 11 degrees.

In southern Estonia, winter rye has already entered the tube stage; in orchards, fruit trees are budding.(4)

On 3 May, a very heavy rain fell in Ashkhabad. It lasted from 1555 to 1645 hours; the precipitation which fell during this period was only 10 millimeters less than that which fell during the entire month of April.

The downpour was accompanied by a severe thunderstorm, and a heavy fall of hail occurred in a narrow strip. As the rainstorm moved southeastward along the mountains, it lessened in intensity.

Thunderstorms, considerably lighter, were recorded locally on 3 May in Ashkhabad, Mary, and Chardzhou oblasts.(5)

8 May

This morning, cold weather prevailed in the northern half of the European USSR. The cooler weather spread to the greater portion of the Baltic countries, the central and southeastern regions of the European USSR, and the Middle Volga Region. It continued warm in the Ukraine, Belorussia, Crimea, North Caucasus, Lower Volga Region, and also western Lithuania. Rains fell in the western Ukraine, Crimea, and Krasnodar Krai.

Temperatures at 0900 hours this morning were -7 degrees in Syktyvkar, -4 in Kirov, -3 in Vologda, -2 in Arkhangel'sk, -1 in Murmansk, Petrozavodsk, and Ufa, zero in Gor'kiy, 1 degree above zero in Leningrad, 2 degrees in Tallin, 4 in Orel, 6 in Voronezh, 8 in Minsk and Chkalov, 11 in Khar'kov, 12 in L'vov, 13 in Kaliningrad, Rostov, and Yalta, 15 in Sochi, 16 in Kiev, Krasnodar, and Stalingrad, 17 in Gur'yev, and 19 in Groznyy.

Last night's lowest temperature in Moscow was zero; it was 2 degrees above zero at noon today.(1)

Yesterday during the day, rain fell in the eastern part of the Belorussian SSR, while variable cloudiness was observed in the rest of the republic. Temperatures at 1500 hours were 16 degrees in Gomel', 17 in Minsk and Mogilev, 18 in Bobruysk, Vileyka, and Grodno, 19 in Polotsk, Vitebsk, and Mozyr', 21 in Pinsk, and 23 in Brest.(2)

Yesterday's temperatures in Leningrad were 3 degrees above zero during the morning, 4 degrees during the day.(3)

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9 May

This morning, cold, windy weather continued in most of the European USSR. Snowfall was recorded locally in the northern and eastern portions. It was comparatively warm in the Baltic republics, Belorussia, and the western and southern Ukraine. Warm weather with rain prevailed in the Transcaucasus.

Temperatures at 0900 hours this morning were -9 degrees in Molotov, -7 in Ufa, -6 in Kirov, -3 in Kazan', -1 in Chkalov, zero in Gor'kiy and Zuybystev, 1 degree above zero in Voronezh and Saratov, 2 degrees in Tambov and Stalingrad, 3 in Rostov, 4 in Smolensk and Khar'kov, 5 in Murmansk, Tallin, and Minsk, 7 in Kiev, 8 in Riga, 9 in Astrakhan', 10 in Kishinev and Odessa, and 13 in Sochi.

Last night's lowest temperature in Moscow was 4 degrees below zero; it was 6 degrees above zero at noon today.(1)

Yesterday during the day, it became cooler in northeastern Belorussia. Temperatures dropped 9-10 degrees below those prevailing the day before and at 1500 hours were 3 degrees above zero in Vitebsk, 10 in Minsk, 11 in Gomel', 14 in Grodno, 15 in Mozyr', 17 in Pinsk, and 20 in Brest.(2)

Yesterday's temperatures in Leningrad were 1 degree above zero during the morning, 3 degrees during the day.(3)

10 May

Last night's lowest temperature in Moscow was 5 degrees above zero; it was 14 degrees at noon today.(1)

During the last 24 hours, cool weather with frosts at night was observed in Belorussia. Temperatures at 1500 hours were 9 degrees in Gomel', 10 in Orsha, 11 in Mogilev, 12 in Minsk, Vitebsk, Bobruysk, Polotsk, Pinsk, Vileyka, Baranovichi, and Mozyr', 13 in Grodno, and 14 in Brest.(2)

11 May

Yesterday during the day, slightly cloudy, moderately warm weather was observed in Belorussia. Temperatures at 1500 hours were 15 degrees above zero in Minsk, 16 in Polotsk, Voloshin, Mogilev, and Orsha, 17 in Mozyr', Pinsk, Bobruysk, Baranovichi, and Grodno, and 19 in Brest.(2)

Yesterday's temperatures in Leningrad were 7 degrees above zero during the morning, 12 degrees during the day.(3)

12 May

Last night's lowest temperature in Moscow was 5 degrees above zero; it was 20 degrees at noon today.(1)

13 May

Last night's lowest temperature in Moscow was 9 degrees above zero; it was 22 degrees at noon today.(1)

Showers with thunderstorms occurred locally during the day in the eastern half of Belorussia. Temperatures at 1500 hours were 15 degrees above zero in Gomel', 16 in Orsha, 19 in Minsk and Mogilev, 20 in Polotsk, 21 in Vileyka and Grodno, 23 in Brest and Slutsk, and 24 in Lel'chitsy.(2)

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Yesterday's temperatures in Leningrad were 11 degrees above zero during the morning, 19 degrees during the day. (3)

14 May

Yesterday during the day, warm, dry weather prevailed in most of Belorussia. Thunderstorm-like falls began to fall locally during the second half of the day in the western part. Temperatures at 1500 hours were 16 degrees in Grodno, 17 in Pruzhany, 22 in Brest, Vitebsk, and Mogilev, 23 in Polotsk, and 24 in Barysaviichi and Minsk. (2)

Yesterday's temperatures in Leningrad were 12 degrees above zero during the morning, 22 degrees during the day. (3)

The sunny, dry weather prevailing in Estonia during the last 10 days has favored the sowing of spring crops and the planting of potatoes. The soil has already warmed to 12-15 degrees; in most fields, it is well moistened. This facilitates rapid germination of the seed and development of the sprouts. Gooseberries and currants have begun to flower in the central portion, and cherries and plums in the southern portion. (4)

During the spring of this year, an unusually large amount of precipitation has been observed in Tadzhikistan; this has caused a considerable rise of water in several rivers.

Volkov, head of the Forecast Service Branch, gave the following explanation of this phenomenon:

Spring 1952 has been distinguished by the fact that cold air masses from the Arctic regions have often penetrated into Central Asia. The cold air entering Tadzhikistan displaces warm, moist air in the upper stratum of the atmosphere; this process is also facilitated by mountain ranges. Forced upward, the warm, moist air cools and the moisture in it condenses rapidly. As a result, there are frequent rains, often downpours.

During April 1952, precipitation was 1.5 times and in some regions almost three times greater than in April 1951. In some regions, precipitation in the first 10 days of May was twice as great as in the same period in 1951, and more than 1.5 times the normal May precipitation occurred there during these 10 days.

All this caused the overflow of several mountain rivers. With the active help of the population, the banks have been and are being strengthened. (6)

15 May

Last night's lowest temperature in Moscow was 12 degrees above zero; it was also 12 degrees at noon today. (1)

Yesterday during the day, rain fell in the eastern half of Belorussia. Temperatures at 1500 hours were 11 degrees above zero in Grodno, 12 in Polotsk, Minsk and Slutsk, 13 in Lal'chitsy, 14 in Gomel', Vitebsk, Pinsk, and Brest, and 15 in Mogilev. (2)

Temperatures yesterday morning were -11 on Dixon Island, -9 in Rusakaya Gavan' and Nar'yan-Mar, 1 degree above zero in Murmansk, 3 in Arkhangel'sk, 4 in Sverdlovsk, 6 in Tallin, 9 in Novosibirsk, 10 in Riga, 11 in Minsk, 14 in Stalingrad, 16 in Kiev and Odessa, 17 in Ashkhabad, 18 in Rostov-on-Don, 19 in Moscow and Chkalov, 20 in Sochi, and 21 in Yalta.

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Yesterday's temperatures in Leningrad were 8 degrees during the morning, 6 degrees during the day.(3)

16 May

This morning, precipitation in the form of rain and snow fell in the Karelo-Finnish SSR and Kirov and Arkhangel'sk oblasts. Overcast, rainy weather was recorded in the southwestern Ukraine, eastern Belorussia, and the central European USSR. Rain fell in the northern and eastern Ukraine, Crimea, and Northern Caucasus. It was very warm in the eastern European USSR, except for the extreme northeast.

Last night's lowest temperature in Moscow was 6 degrees above zero; it was 7 degrees at noon today.(1)

Yesterday during the day, cloudy weather was observed and rain fell locally in Belorussia. Temperatures at 1500 hours were 10 degrees in Lida and Baranovich, 11 in Minsk and Polotsk, 12 in Mogilev, 13 in Bobruysk, Gomel', and Mozyr', 14 in Brest, and 15 in Pinsk.(2)

Yesterday's temperatures in Leningrad were 4 degrees above zero during both the morning and day.(3)

17 May

This morning, cold weather prevailed in the northern European USSR, and overcast weather with precipitation in the central European USSR. Warm weather continued in the Crimea, Caucasus, Volga Region, and eastern European USSR.

Temperatures at 0900 hours this morning were -6 degrees in Nar'yan-Mar, -1 in Murmansk, 3 degrees above zero in L'vov, 4 in Vologda and Smolensk, 5 in Leningrad, Tallin, Minsk, and Kiev, 6 in Riga, 10 in Kirov and Kishinev, 11 in Voronezh and Odessa, 13 in Khar'kov and Poltava, 14 in Yalta, 15 in Tashov, 16 in Rostov and Sochi, 17 in Gor'kiy and Saratov, 19 in Stalingrad, 20 in Kuybyshev, 22 in Kazan', Molotov and Ufa, and 25 in Chkalov.

Last night's lowest temperature in Moscow was 1 degree above zero; it was 5 degrees above zero at noon today.(1)

Yesterday during the day, variable cloudiness was observed in Belorussia. Light rains were recorded in the southeastern portion. Temperatures at 1500 hours were 5 degrees above zero in Mogilev, 6 in Bobruysk, 9 in Minsk and Brest, 10 in Polotsk, 12 in Gomel', and 13 in Bragin.(2)

18 May

Yesterday during the day, cloudy, cold weather prevailed in Belorussia. Temperatures at 1500 hours were 6 degrees above zero in Bobruysk, 7 in Minsk, 8 in Polotsk, Vitebsk, Brest, and Zhitkovichi, 9 in Grodno and Lel'chitay, and 10 in Gomel'. Cold weather with local frosts is expected to continue during the next 24 hours.(2)

19 May

This morning, cold weather prevailed in most of the European USSR, although it was warm in the southeastern portion. Rain was reported in the eastern

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European USSR, and locally in the Ukraine, Crimea, Northern Caucasus, and Stalingrad Oblast. Snow mixed with rain fell in eastern Latvian SSR, eastern Lithuanian SSR, and northern Belorussia.

Temperatures at 0900 hours this morning were -2 in Murmansk, -1 in Syktyvkar, zero in Arkhangel'sk, 1 degree above zero in Gor'kiy and Kirov, 2 degrees in Kaliningrad and Tallin, 3 in Riga and Minsk, 4 in Pskov, 5 in Leningrad, Kazan' and Odessa, 6 in Kursk, Kiev, and Vologda, 7 in L'vov and Orel, 8 in Smolensk, Voronezh, and Saratov, 12 in Rostov and Yalta, 13 in Khybyshev and Sochi, 14 in Stalingrad, 19 in Astrakhan', and 20 in Ufa.

Last night's lowest temperature in Moscow was 1 degree below zero; it was 9 degrees above zero at noon today.(1)

20 May

This morning, very warm, dry weather continued in the extreme southeastern European USSR. Cloudy, cold weather prevailed in the rest of the European USSR. Snow fell in Arkhangel'sk Oblast and Komi ASSR. Rain fell in the Ukraine, Belorussia, Baltic republics, and most of the central regions of the European USSR. Precipitation in the form of rain and snow was recorded in Smolensk and Moscow oblasts.

Strong winds were observed in the Baltic republics, central regions of the European USSR, and Northern Caucasus.

Temperatures at 0900 hours this morning were zero in L'vov, 2 degrees above zero in Murmansk and Smolensk, 3 in Kiev, 4 in Leningrad, Kirov, and Kaliningrad, 6 in Khar'kov and Odessa, 8 in Riga and Orel, 11 in Rostov and Yalta, 12 in Sochi, 13 in Krasnodar, 15 in Ufa, 17 in Stalingrad, 22 in Astrakhan', and 26 in Chkalov.

Last night's lowest temperature in Moscow was 2 degrees above zero; it was 3 degrees at noon today.(1)

Yesterday, cold weather with precipitation in the form of rain and snow was recorded in Belorussia. Temperatures at 1500 hours were zero in Baranovichi, 1 degree above zero in Brest, 5 in Grodno, 8 in Polotsk, 10 in Orel, 11 in Bobruysk, 12 in Gomel', and 13 in Mozyr'.(2)

Yesterday's temperatures in Leningrad were 5 degrees during the morning, 7 degrees at noon.(3)

21 May

This morning, warm weather prevailed in the southeastern European USSR and Caucasus, and cloudy, cold weather in the rest of the European USSR.

Temperatures at 0900 hours were 1 degree below zero in Nar'yan-Mar, 1 degree above zero in Vologda and L'vov, 2 in Syktyvkar and Minsk, 3 in Smolensk, 4 in Arkhangel'sk, 5 in Kishinev, 6 in Kiev and Orel, 7 in Kalinin, Kazan', Poltava, and Odessa, 11 in Gor'kiy and Yalta, 12 in Khybyshev, 13 in Tambov, Saratov, and Rostov, 14 in Stalingrad, 15 in Sochi, and 26 in Chkalov.

Last night's lowest temperature and today's noon temperature in Moscow were both 6 degrees above zero.(1)

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In mid-May, cyclonic activity continued for a period of 5-6 days over the eastern half of the European USSR. This led to intensive circulation of cold air masses, originating in the Arctic, over the Belorussian SSR. As a result, the mean diurnal temperature in the republic dropped generally by almost 10 degrees. At night, the temperature dropped to freezing; especially heavy frosts were recorded during the nights of 17 and 18 May, when both atmospheric and ground surface temperatures dropped to 2-6 degrees below zero in the northern portion of the Belorussian SSR and to 1-3 degrees below zero in the southern portion. During the day, the temperature remained above zero.

It became still cooler as a result of the entrance into the Belorussian SSR of a newly formed cyclone from Leningrad Oblast. Circulation of the cold air masses in the wake of this cyclone over the northwestern and central regions of the Belorussian SSR caused the temperature over these regions throughout all the layers of the troposphere to drop below zero.

Therefore, the precipitation in the form of snow which began on 19 May in Molodechno and Polotsk oblasts spread during the day to Grodno, Brest, Baranovichi, Minsk, Bobruysk, and Pinsk oblasts. Especially heavy snowfalls were recorded in Polotsk, Molodechno, and Minsk oblasts and locally in Bobruysk Oblast, where on the morning of 20 May a snow cover of 3-10 centimeters was recorded (13 centimeters in Radoshkevich!).

Snowfall in mid-May has been observed in Belorussia in previous years. However, such continuous, heavy snowfall has not been recorded in the last 50 years.

Yesterday during the day, overcast weather with precipitation in the form of rain was recorded in Belorussia except in Vitebsk, Bobruysk, and Baranovichi oblasts, where precipitation was in the form of snow. Temperatures at 1500 hours were 2 degrees above zero in Bychikha, 3 in Minsk and Orsha, 4 in Jrodno and Mogilev, 5 in Mazyr', 7 in Gomel' and Pinsk, and 8 in Brest.(2)

Yesterday's temperatures in Leningrad were 4 degrees above zero during the morning, 8 degrees during the day.(3)

22 May

This morning, cold weather continued in most of the European USSR. Showers were recorded locally in the Baltic republics, Belorussia, and western Ukraine. Overcast weather with rain was observed in the eastern Ukraine and in Voronezh, Tula, Ryazan', Leningrad, Pskov, and Novgorod oblasts. Warm, slightly cloudy weather prevailed in the Volga Region and in the Northern Caucasus.

Temperatures at 0900 hours this morning were 3 degrees above zero in Murmansk and Minsk, 4 in Smolensk, 4 in Smolensk, 5 in L'vov and Riga, 6 in Syktyvkar, Leningrad, and Kiev, 8 in Arkhangel'sk, 9 in Kalinin and Gdansk, 10 in Kirov, 11 in Gor'kiy, 13 in Kuybyshev, 16 in Saratov, 17 in Leningrad, and 18 in Rostov, Sochi, and Astrakhan'.

Last night's lowest temperature in Moscow was 4 degrees above zero; it was 10 degrees at noon today.(1)

During the day of 20 May and the night of 21 May, general precipitation in the form of rain fell in Belorussia. During the night, precipitation in the form of light snow fell locally in Minsk, Polotsk, Vitebsk, Bobruysk, Molodechno, Poles'ye, and Baranovichi oblasts. No snow cover was formed except in the Berezhino region.

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Yesterday during the day, rain continued. At noon, temperatures in Belorussia ranged between 3 and 8 degrees above zero.(2)

Yesterday's temperatures in Leningrad were 6 degrees above zero during the morning, 9 degrees during the day.(3)

The weather this May is very unstable. Rare warm days alternate with cold, windy, and rainy days. As late as 20 May, it has been possible to observe snow flakes fluttering in the air in the morning.

The Central Forecasting Institute reports that the cold May weather in the European USSR was caused by invasions of cold air masses from the Kara and Barents sea regions.

The invasion of cold air from the Kara Sea took place around 10 May. It caused a drop in temperatures and resulting night frosts in the northern, north-western, central, and locally in the southern regions of the European USSR.

The cool weather which set in around 20 May was the result of an invasion of cold air from the Barents Sea. It spread to the northwestern and partly to the southern regions of the European USSR.

At night, the temperature dropped to 3-4 degrees below zero in many localities in the Northwest and Center. Strong winds were observed almost everywhere in these regions.

In the first 20 days of May, rain fell often in the southern half of the European USSR.

Such cool weather in May is a comparatively rare phenomenon. However, frost and snow sometimes occur in Moscow at the beginning of June. For example, on 4 June 1947, snow fell and the temperature was 1 degree above zero.(7)

23 May

This morning, overcast weather with rain was observed in Belorussia, Latvia, Pskov, Velikiye Luki, and Smolensk oblasts, and also in southern Arkhangel'sk Oblast. Variable cloudiness mostly without precipitation prevailed in the central regions of the European USSR, and slightly cloudy, dry weather in the Ukraine, Volga Region, and Northern Caucasus.

Temperatures at 0900 hours were 3 degrees above zero in Nar'yan-Mar, 4 in Petrozavodsk, 5 in Minsk, 6 in Smolensk, 7 in Riga and Tallin, 8 in Kaliningrad and Vologda, 9 in Voronezh, Orel, and Leningrad, 10 in Ryazan' and Pskov, 11 in Kiev, Gor'kiy, Arkhangel'sk, and Kursk, 12 in Odessa, 14 in Kuybyshev, 15 in Yalta, 16 in Saratov and Sochi, 17 in Kirov, 18 in Syktyvkar, 19 in Rostov and Astrakhan', and 21 in Stalingrad.

Last night's lowest temperature in Moscow was 5 degrees above zero; it was 13 at noon today.(1)

Yesterday, variable cloudiness with showers was recorded in Belorussia. Temperatures at 1500 hours were 6 degrees above zero in Vitebsk, 8 in Minsk, Polotsk and Baranovichi, 9 in Grodno, Brest, and Pinsk, and 10 in Mozyr' and Gomel'.(2)

Yesterday's temperatures in Leningrad were 4 degrees in the morning, 6 degrees during the day.(3)

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24 May

This morning, it was very warm in the extreme southern and southeastern USSR. Cool weather prevailed in the rest of the European USSR. Rain fell in the Ukraine, in Orel, Kurak, and Eryansk oblasts, and locally in Latvian SSR and Murmansk Oblast.

Temperatures at 0900 hours were 4 degrees above zero in Murmansk, 5 in Yaroslavl, 6 in Petrozavodsk, 7 in L'vov, 8 in Kaliningrad and Minsk, 9 in Orel and Odessa, 10 in Leningrad, 12 in Kiev and Arkhangel'sk, 15 in Vologda and Yalta, 17 in Voronezh, 18 in Kirov, Stalingrad, and Krasnodar, 20 in Rostov, 23 in Kuybyshev, and 26 in Chkalov.

Last night's lowest temperature in Moscow was 6 degrees above zero; it was 17 degrees at noon today.(1)

During the day of 22 May and night of 23 May, heavy rains fell in all sections of Belorussia. However, the largest amount of precipitation (5-12 millimeters) fell in the central section of the republic. Yesterday during the day, showers continued locally. Temperatures at 1500 hours were 7 degrees above zero in Vit'ok, 9 in Grodno, Brest, Baranovichi, Minsk, and Gomel', 10 in Polotsk, Vileyka, Pinsk, Bobruysk, and Mogilev, and 12 in Mazyr'.(2)

Yesterday's temperatures in Leningrad were 9 degrees above zero during the morning, 12 degrees during the day.(3)

E. I. Kashin, Doctor of Geographic Sciences and Director of the Central Forecasting Institute, explains the cold spell in May as follows:

While warm weather was observed in the European USSR at the end of April, it became cold and windy in the first 10 days of May. After a short period of warm weather, a second cold spell began approximately on 15 May. Both cold spells affected a large part of the European USSR.

On 6 May, a cyclone began to develop over the Baltic republics. It moved across the central chernozem regions toward the Southern Urals. Thus, the center of the cyclone moved in more southerly latitudes than customary, approximately 53 degrees north latitude. On 7 May, the center of the cyclone was in the Ural area; on 8 May it was in the Ufa area. By this time, cold air occupied the northern European USSR. The northern air currents, which had come from the Barents Sea and had a very low temperature, grew stronger as they moved toward the east. Because of its swift movement toward the south, this air did not become heated. The cold air currents were strong and occupied a considerable layer of the atmosphere.

While the cyclone was in the Ufa area on 8 May, it caused snowfall with strong winds in the southern Urals. While May frosts have been observed in past years, they are a comparatively rare phenomenon.(8)

25 May

Yesterday, cloudy weather was recorded in Belorussia. Rains fell locally in Mogilev, Bobruysk, and Gomel' oblasts. Temperatures at 1500 hours were 11 degrees above zero in Grodno, 12 in Gomel' and Minsk, 13 in Bobruysk, 14 in Mogilev, and Polotsk, and 15 in Drissa.(2)

Temperatures yesterday morning were zero on Dixon Island, 4 degrees above zero in Murmansk, 8 in Tallin and Riga, 9 in Odessa, 12 in Kiev and Arkhangel'sk, 14 in Moscow, 15 in Yalta, 18 in Kirov, 20 in Rostov-on-Don, 25 in Sverdlovsk and Ashkhabad, and 29 in Tashkent.

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Yesterday's temperatures in Leningrad were 10 degrees during the morning, 15 degrees during the day.(3)

26 May

This morning, overcast weather with rain prevailed in Belorussia, the western Ukraine, and central European USSR. Warm weather continued in the eastern European USSR, eastern Volga Region, and southern Uralo.

Temperatures at 0900 hours this morning were 3 degrees above zero in Murmansk, 7 in Minsk and L'vov, 8 in Riga, 9 in Kiev, 12 in Leningrad, Voronezh, and Rostov, 13 in Arkhangel'sk and Odessa, 14 in Yalta, 18 in Gor'kiy, 19 in Saratov, 20 in Kirov, 24 in Astrakhan', 26 in Molotov, 27 in Kuybyshev, and 28 in Chkalov.

Last night's lowest temperature in Moscow was 12 degrees above zero; it was also 12 degrees at noon today.(1)

27 May

In the past 24 hours, overcast, rainy weather was observed in Belorussia. Temperatures at 1500 hours were 9 degrees above zero in Byzhikha, 10 in Vitebsk, Polotsk, Mogilev, and Gzmel', 11 in Minsk, Zhlobin, and Baranovichi, 12 in Pinsk, 13 in Brest, and 14 in Grodno.(2)

Yesterday's temperatures in Leningrad were 2 degrees above zero during the morning, 4 degrees during the day.(3)

28 May

This morning, it continued to be very warm and dry in Molotov and Chkalov oblasts, Bashkir ASSR, and also in western Kazakhstan. Cool weather prevailed in the rest of the European USSR.

Last night's lowest temperature in Moscow was 7 degrees above zero; it was 18 degrees at noon today.(1)

In the last 24 hours, rains fell almost generally in Belorussia; precipitation was heaviest in Negoreloye and Slutsk (11-13 millimeters). Yesterday's temperatures were 8 degrees above zero in Polotsk and Vileyka, 10 in Minsk, 11 in Grodno, 12 in Baranovichi, 14 in Brest, 15 in Pinsk and Mogilev, 16 in Bobruyak and Mozyr', and 17 in Gzmel'.(2)

Yesterday's temperatures in Leningrad were 8 degrees above zero during the morning, 12 degrees during the day.(3)

29 May

Last night's lowest temperature in Moscow was 9 degrees above zero; it was 20 degrees at noon today.(1)

Yesterday during the day, cloudy weather with clearing was recorded in Belorussia. Rains fell locally in Moylev, Gzmel', Polotsk, Bobruyak, and Pinsk oblasts. Temperatures at 1500 hours were 11 degrees above zero in Mogilev, 14 in Brest, 15 in Minsk, Grodno, and Polotsk, 16 in Gzmel', and 17 in Mozyr'.(2)

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30 May

Temperatures this morning at 0900 hours were 9 degrees above zero in Riga, 11 in Murmansk, 12 in L'vov and Minsk, 13 in Kiev, 14 in Sochi, 15 in Leningrad and Yalta, 17 in Rostov, 18 in Kalinin, 19 in Syktyvkar, Vologda, Saratov, and Stalingrad, 20 in Kirov, 21 in Gor'kiy, 22 in Kuybyshev, 24 in Astrakhan', 27 in Molotov, and 29 in Chkalov.

Last night's lowest temperature in Moscow was 10 degrees above zero; it was 22 degrees at noon today.(1)

Yesterday during the day, warm weather was observed in Belorussia. Showers with thunderstorms fell locally. Temperatures at 1500 hours were 14 degrees above zero in Grodno, 15 in Mogilev, 16 in Brest, 18 in Minsk, 19 in Polotsk, 20 in Bobruysk, and 21 in Mozyr'.(2)

31 May

This morning, cool weather was recorded in the western European USSR. In the eastern European USSR, it was very warm. Rains fell locally in the northern European USSR, Ukraine, Northern Caucasus and Volga Region.

Temperatures at 0900 hours this morning were 8 degrees above zero in Tallin and Nar'yan-Mar, 10 in Riga, Pskov, Leningrad, and Smolensk, 11 in Kaliningrad and L'vov, 12 in Minsk and Murmansk, 13 in Sochi, 14 in Stalingrad, 16 in Odessa, Kiev, and Arkhangel'sk, 17 in Syktyvkar, Khar'kov, and Yalta, 18 in Vologda and Rostov, 19 in Gor'kiy and Saratov, 20 in Kazan' and Astrakhan', 22 in Kirov and Kuybyshev, and 30 in Ufa.

Last night's lowest temperature in Moscow was 11 degrees above zero; it was 16 degrees at noon today.(1)

In the past 24 hours, showers with thunderstorms were recorded in Belorussia. The heaviest precipitation fell in Grodno Oblast (8-11 millimeters). Yesterday during the day, temperatures were 12 degrees above zero in Polotsk, 14 in Minsk, Brest, Vitebsk, Baranovich, and Grodno, 15 in Pinsk and Mogilev, 16 in Mozyr', and 21 in Gmel'.(2)

Yesterday's temperatures in Leningrad were 15 degrees above zero during the morning, 19 degrees during the day.(3)

SOURCES

1. Moscow, Yechernayaya Moskva
2. Minsk, Sovet'skaya Belorussiya
3. Leningradskaya Pravda
4. Tallin, Sovetskaya Estoniya
5. Ashkhabad, Turkmen'skaya Iskra
6. Stalinabad, Kommunist Tadzhikistana
7. Moscow, Komsomol'skaya Pravda
8. Moscow, Izvestiya

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