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SOURCE Zeitschrift fuer Meteorologie.

GDR MONTHLY WEATHER REPORTS, NOVEMBER 1951 - APRIL 1952

/Comment: The following monthly weather reports and tables, for the 6-month period November 1951 - April 1952, give a detailed account of weather conditions throughout the GDR (German Democratic Republic). They were taken from the Zeitschrift fuer Meteorologie (Meteorological Journal), No 1-6, 1952.

For November and December 1951, the reports are based on the recordings of 24 weather stations of the GDR Meteorological Service; and for the first 4 months of 1952, on the recordings of 28 such weather stations. The monthly tables, which show for each weather station itemized tabulations of temperatures, precipitation, relative humidity, degree of cloudiness, hours of sunshine, etc., are appended. All temperatures mentioned in the text are in degrees centigrade. The term "frost" is used to indicate temperatures below zero./

November 1951

November was very mild. Relatively warm, moist sea air covered most of Central Europe. There was frequent and sometimes heavy precipitation on the 1st and 2d of the month in connection with a trough between two high-pressure areas (Hoehentrog) which moved eastward over Central Europe. A central low-pressure area over the Eastern Atlantic was responsible for weather developments from the 3d to the 11th. At the beginning of this period, the influx of warmed Polar air kept the average daily temperature in the vicinity of the long-term average /average based on observations recorded over an extended period of years/. From the 6th on, considerably warmer air masses from the southwest, moving toward the northern Baltic Sea area, brought about a rise in temperature. Scattered precipitation in amounts worthy of mention occurred on the 8th and 9th. A low-pressure area moving from the mouth of the Po northward to the western Baltic region brought with it a fairly extensive area of precipitation. Certain sectors of the GDR had the heaviest rains of the month.

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Between 15 and 19 November, turbulences on the rim of an East Atlantic low-pressure area, which moved rapidly northeastward across Central Europe, caused light rains daily. Air temperatures within the currents coming from the southwest rose rapidly. The relatively warm southwest currents continued during the next few days. Cooler masses of air from the west, and later from the northwest, did not enter the area of the GDR until 22 November. The occluded fronts (Stoerungsfronten) of a low-pressure area whose nucleus moved northeastward from the middle North Sea sector also caused light rainfall almost daily. Moderate snowfall and light frosts were observed on the mountain tops on 22 and 23 November, but the snow soon disappeared.

On the 24th, a western front (Westlage), which changed into a northwestern front on 29 November, appeared over Europe. As a result, the weather in the GDR was very changeable, with heavy precipitation on 24 and 25 November. Polar air from Greenland, which came in from the northwest for a short time on 26 November, caused a considerable drop in temperature. The average daily temperature during this period remained higher, however, than the long-term average. Rain and drizzle fell on 27, 29, and 30 November. During the last 2 days of the month, percipitation in the upper levels of the central mountain region took the form of snow.

With the exception of the period from 2 to 6 November, when temperatures remained normal for that time of the year, daily temperatures were relatively mild. As a result, the average temperatures for the month were for the most part from 6 to 7 degrees, i.e., 3-4 degrees above normal. The 8th, 11th, 18th, and 25th were particularly warm. Maximum temperatures for those days ranged from 11 to 16 degrees. The 3d and 5th were outstandingly cool days, with minimum temperatures fluctuating between a few degrees above and below the freezing point. Approximately one third of the weather stations reported absence of frost for their sectors.

In general, precipitation was measured at 50-80 millimeters. At the upper levels of the western Erzgebirge Mountains precipitation totaled approximately 100 millimeters, in the Thueringen forests approximately 125 millimeters, and in the Harz Mountains close to 190 millimeters. These figures represent approximately 120-220 percent of the normal precipitation. Measurable quantities of precipitation fell on 15-25 days. A total of only 30-40 hours of sunshine, approximately 50-70 percent of the normal average, was recorded.

Cloud conditions similarly characterized November 1951 as a dreary month. The average total overcast for the month was between 8.5/10 and 9.5/10. There were practically no /completely/ fair days in any part of the area, and 16-24 totally overcast days were recorded for most parts of the GDR during November.

December 1951

Like the preceding month, December was mild. Precipitation, for the most part light, occurred with normal frequency in the northern portion and with below-normal frequency in the southern portion of the GDR.

While the northern stage of the western front (noerdliche Westlage) was prevalent, i.e., up to 9 December, cool ocean air moved into the European mainland in the period from 2 to 9 December. In the wake of this period, warmer masses of air moved into the area of the GDR, so that in many localities the highest temperatures of the month were reached from 4 to 6 December. The tropical air masses were replaced by masses of cooler air at the end of that period. Daily temperatures were above normal, however, even during the prevalence of cool air. Night frosts occurred in scattered areas on 3, 4, 7, and 8 December. Light precipitation occurred almost daily, at least in

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certain sectors. The second weather period, which ended on the 24th, was characterized by a high-pressure center (Hochdruckkern). This center moved into Central Europe from southwestern Ireland and remained in the area between the Rhine and the Eastern Carpathians. Frontal projections on the north side of the high-pressure center reached into Central Europe from time to time. Consequently, during the period up to 12 December, and between the 15th and 18th, minor quantities of precipitation, on the 10th and 11th in the form of snow, were observed in the GDR. The snow melted at once.

Temperature conditions were normal during the early part of December. Minimum temperatures for the month were recorded in most of the areas between 12 and 15 December. Night frosts were observed during this period. An influx of warm air began on the 15th. Thereafter, night frosts occurred only in the clearing areas (Aufheiterungsgebiete). After the withdrawal of the weather-determining high-pressure area across the Carpathians toward the east, the effects of a trough between two high-pressure areas influenced weather conditions in Central Europe. From that time until the end of the year the weather continued mild, with scattered light precipitation.

The air temperature in the plains, which ranged from 2 to 4 degrees, was about 3 degrees above normal. The maximum temperature for the report period, i.e., 10 degrees, was normal, or slightly above normal. The minimum temperature in the coastal area was 1-3 degrees below zero. In the remainder of the GDR, the minimum temperature ranged for the most part between 4 and 7 degrees below zero. These readings were 4-8 degrees higher than the long-term average. Icy days with 24 hours of continuous frost were reported only once from the Goerlitz, Chemnitz, and Upper Eichsfeld areas. From 7 to 15 December, icy days were reported for the upper levels of the central mountains, including the Rhoen range. The rest of the GDR area remained consistently free of frost during the daytime. The number of frosty nights, 8-12, was far below the established average of 16-20.

Precipitation for the month, which was quite evenly distributed over the entire period, reached a total for the month of 20-50 millimeters in Mecklenburg, 10-30 millimeters in Brandenburg, and 10-40 millimeters in Sachsen and Thueringen. Very little precipitation (approximately 25 millimeters) was recorded for the low-lying areas of Sachsen-Anhalt. The largest amount of precipitation for the latter Land was recorded at the Brocken [one of the Harz Mountains]. The majority of the precipitation readings were below the long-term average; as a matter of fact, the figures recorded represent one fourth to three fourths of the average. Only the readings for northwestern Mecklenburg, which had over 40 millimeters of precipitation during December, were up to normal. For the most part, the precipitation was in liquid form. Snow fell on the plains on only 3 days. The frequency of precipitation was normal, or slightly above normal, only in the northern portion, where precipitation was observed on 15-23 days. In the remaining area of the GDR precipitation was recorded on 8-15 days.

The overcast average for the month was between 7.5 and 8.0. In general, there were 10-15 overcast days for every 1 or 2 days of sunshine, and in the north German lowlands the number of overcast days rose to 14-20 per day of sunshine. There were between 40 and 70 hours of sunshine, an above-normal total, for the month of December. The frequency of fog occurrences varied widely, depending on locality. For example, fog was observed in Wahnsdorf, near Dresden, on only one day, whereas in the north German lowlands 9-12 days of fog were observed.

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January 1952

Like the two uncommonly mild months which preceded it, January was also warmer than usual, except in the higher altitudes of the central mountain region. However, the predominantly overcast weather produced above-average amounts of precipitation only in certain areas. Although precipitation was frequent, quantitatively it was generally very limited.

The predominance of mild weather, particularly during the first 20 days of the month, is shown in the average air temperatures during the month, which were generally 1-2 degrees above normal. Only in the higher altitudes of the central mountain region did average temperatures drop to 0.5-0.8 degrees below normal. In the lowlands, the average daily temperatures ranged between 6 degrees above and 4 degrees below zero, with the most frequent temperatures 3 degrees below and 1-4 degrees above zero.

In the northern part of the area, the highest temperatures of the month were recorded generally on the 15th and 16th; in the southern part, generally on the 11th. Throughout the greater part of the GDR temperatures were actually slightly above normal, ranging from 6 to 10 degrees. The most frequent values noted were 8-9 degrees.

The lowest temperatures of the month were observed during the period of moderate frosts which occurred in the last third of the month, chiefly on the 27th and 29th. In general, these lowest temperatures were scattered over a considerable range; the most frequent recordings were between 5 and 8 degrees below zero, but in areas especially prone to frost and at the higher altitudes in the central mountain region temperatures dropped to more than 12 degrees below zero. However, these lowest temperatures were 4-8 degrees higher than the long-term average. The number of icy days observed, 6 in most parts of the GDR, was only 2-3 days below average. Despite the predominantly mild weather, there were approximately 18-20 days of frost in the northern area and 20-22 in the southern area, with average temperatures partly below and partly above the long-term average.

Although there was frequent precipitation throughout the area during the month (only the period between 22 and 26 January was marked by infrequent precipitation), the quantitative level was very low and the total amounts for the month exceeded the average only in certain localities. In most of the area between Saale, the Flaeming ridge, and the Erzgebirge Mountains, and in the area northeast of the Mecklenburg Lakes, precipitation was less than the long-term average. Throughout the GDR, the total precipitation for January ranged from 45 to 190 percent of the average. The highest precipitation for the month was observed in the central mountain regions (100-200 millimeters). At Lausitz, Altmark, and in southeastern Mecklenburg, precipitation highs of 60-70 millimeters were recorded. The smallest amounts of precipitation were registered for the plains of Sachsen and for the northeastern part of Mecklenburg. The maximum daily precipitation occurred in most parts of the GDR on 3 and 21 January. However, the amounts barely exceeded 20 millimeters.

The number of days of snow was unusually high. In many localities, days on which snow fell numbered twice the long-term average. Nevertheless, it was not until close to the end of the month that a thin layer of snow covered the north German plains, whereas in the southern part of the GDR (south of a line running through Brandenburg-Berlin-Eberswalde) a 10 to 15 centimeter layer of snow had formed as early as 20 January. In the higher altitudes of the central mountain region the thickness of the snow cover increased from about 10 centimeters at the beginning of the month to 100-130 centimeters by the end of January.

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Overcast, measured at 8/10-9/10 and even up to 10, was as much as 20 percent above normal, although the areas in the lee of the Harz Mountains and of the Thueringer Wald (forest) (i.e., the areas encompassing Magdeburg, Leipzig, Chemnitz, and Erfurt) and portions of the Niederlausitz Heide (heath) were overcast relatively sparsely (7/10-8/10). Consequently, a larger number of overcast days and a smaller number of fair days than anticipated occurred during the month. Although a normal number hours of sunshine was observed in certain localities, the hours of sunshine recorded for the report period in large parts of the GDR, especially in the coastal area and in the higher altitude ranges of the central mountain region, were considerably below the long-term average.

February 1952

February was relatively mild throughout the greater part of the GDR, particularly in the lowlands, at elevations of less than 200 meters. In spite of predominantly cloudy weather and above-average precipitation frequency, precipitation measured in February was considerably below the long-term average, except along the ridges of the central mountain region.

Following the moderate frosts during the last 10 days of January, in the period from 1 to 9 February average daily temperatures in the lowlands were generally slightly above normal, despite frequent night frosts. From the 10th to the 19th there followed a period of moderate frosts, with average daily temperatures about 2 degrees below normal. In the period 20 - 29 February, temperatures were 2-3 degrees above normal.

Average temperatures for the month decreased steadily from north to south. At a distance of 40-50 kilometers inland from the Baltic coastline, temperatures were recorded at 1.0-1.4 degrees, and in Brandenburg, in large areas of Sachsen-Anhalt, and in the Thueringen Basin temperatures fluctuated between zero and 1.0 degrees, with the exception of the Leipzig-Halle area, in which average temperatures of one degree and over were registered. At elevations over 200 meters, on the other hand, temperatures remained below the freezing point; at over 500 meters they were registered at 2 degrees below zero; and along the ridges of the central mountain region they were 4-6 degrees below zero. Air temperatures in the coastal area and in the northeastern part of the GDR were more than one degree above the long-term average; in the largest part of Sachsen-Anhalt and in the Thueringen Basin they were zero to one degree above average; while in Sachsen, in the major portion of Thueringen, and in the foothills of the Harz Mountains average temperatures were zero to 1.5 degrees below the long-term average. With generally minor fluctuations of temperature in the course of any given day, average fluctuations for the month were 1-2 degrees below normal, despite the fact that peak temperatures for the month, with average recordings of 9-10 degrees between 24 and 26 February, were zero to one degree above normal in the northern part of the GDR, and about 2 degrees below normal in the south. Minimum temperatures for the month, which occurred on the 15th and 16th, and which ranged for the most part between 10 and 13 degrees below zero, showed considerable deviations from long-term averages, depending on local weather conditions.

There were generally between 17 and 20 days of frost, as compared with a long-term average of 18-22 days. However, the average of 18-21 days of frost in the foothills of the central mountains and along the mountain ridges was 2-3 days above normal. The number of icy days in the lowlands, 1-3, was about 4 days below normal.

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In spite of predominantly overcast weather and above-average frequency of precipitation, only minor amounts of precipitation were measured. The highest precipitation, generally measured on the 11th, although in some areas also on the 8th, 9th, 10th, and 22d, generally did not exceed 3-6 millimeters. Consequently, the total precipitation for the month in the greater part of the GDR amounted to only 50-80 percent of the long-term average. Practically without exception, precipitation amounting to 100-130 percent of the normal average was measured only along the ridges of the central mountain ranges. The highest amounts of precipitation for the month, 50-100 millimeters, were also measured in this area. Precipitation in Sachsen, western Mecklenburg, East Berlin, and the higher elevations of Thueringen amounted to 25-50 millimeters, while only 10-25 millimeters were measured in the major portion of the GDR.

Snow occurred with above-average frequency. However, since only minor amounts of snow fell, the snow blanket melted rapidly when thaw set in on the 19th, especially in the lowlands. However, along the ridges of the central mountain region, a 100 to 150-centimeter layer of snow was still to be found at the end of the month.

Overcast, measured at 7.5/10-8.5/10 nearly throughout the GDR, was about 1/10-2/k9 above normal. Particularly heavy overcast was noted in the greater part of Thueringen, in Sachsen, in southeastern Brandenburg, and in parts of Mecklenburg. Accordingly, there was a considerably larger number of overcast days than had been anticipated, while the number of fair days was below normal, with few exceptions. The overcast weather also affected the daily hours of sunshine, which were generally recorded at only 40-80 percent of the long-term average.

March 1952

March was characterized by pronounced extremes of temperature in northeastern and southwestern Europe. The sometimes sharply defined line of demarcation between air masses crossed the GDR several times, from the southwest to the northeast, but was often forced back in a southwesterly direction by cold air from the mainland. As a result, the climatic elements showed marked contrasts within the GDR. In general, the month of March was colder than normal, by 2-3 degrees in the northeastern portion, and by 0.5-1.5 degrees in the southwestern portion.

Whereas precipitation in the northeastern part of the GDR amounted to only 40-60 percent of the monthly average, precipitation in the southwestern part was 200-300 percent of the long-term average.

Although the four cold spells of the month, which occurred on 5, 13, 19, and 26 March, encompassed the entire report area, the various sectors of the GDR were not exposed to the cold air from the mainland for equally long periods of time. In western Mecklenburg, in the Havel lowlands, in the Elbe area, and in the area southwest of the Elbe, average temperatures for March were above one degree, except in the central mountain region. Temperatures to the east and northeast of the above-mentioned areas were between zero and one degree. In the Thueringen Basin and in the central area of the Saale temperatures were above 2 degrees, and in the Saale valley near Jena they exceeded 3 degrees. The higher altitudes of the central mountains had average temperatures for the month of between 2 and 4 degrees below zero. Maximum temperatures of the month were noted predominantly on the 3d and 4th. At 10-16 degrees, they were 2-4 degrees below the long-term average. Minimum temperatures for the month, most of which were measured on the 7th and 8th, were 6-10 degrees below zero, which was normal for the period. The most frequent number of frosty days observed east of the Elbe was 25-27, and west of the Elbe 20-22, as compared with a long-term average of 13-17 days. On the other hand, the number of icy days, 1-3, ran true to expectations.

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Between 4 and 10, and between 14 and 20 March there was hardly any precipitation, except in the south and southwest of the report area. The precipitation frequency was 2-3 days below normal. On the other hand, the proportion of precipitation in the form of snow exceeded expectations by 3 or 4 days. Whereas a 100 to 150-centimeter layer of snow which had formed at high elevations of the central mountain region thawed to a depth of 40-110 centimeters between the beginning of the month and the 24th (snowfall during the last third of March resulted in increasing this depth to 70-130 centimeters), the continuous heavy snowstorms which moved from southwest to northeast during the last days of the month again covered the lowlands with a 3-to 4-centimeter layer of snow.

The maximum precipitation in a single day, measured chiefly on 3, 21, 23, 26, and 30 March, was in most cases less than 10 millimeters in the northern and eastern parts of the GDR, and 15-20 millimeters in the southern and southwestern portions. Whereas precipitation for the month of March amounted to less than 20 millimeters in the greater parts of Mecklenburg and Brandenburg, the amounts increased rapidly toward the southwest. In the greater part of Thueringen precipitation was measured at more than 100 millimeters, and in the high elevations of the Thueringer Wald the amounts exceeded 150 millimeters.

In keeping with other weather developments, overcast was generally about 0.5/10 below normal, with fluctuations of 1/10-2/10 between the northeastern and southwestern parts of the GDR. In general, the number of fair days was 3-4 above average, whereas the number of overcast days was normal. Accordingly, the total hours of sunshine for the month, about 100-190, represented approximately 100-160 percent of the long-term average. The northeastern sectors of the GDR enjoyed the largest number of hours of sunshine.

April 1952

April was too warm, too sunny, and too dry.

The weather was characterized predominantly by anticyclonic conditions, and a notably rapid transition from late winter to spring took place. Following considerable snowfall at the beginning of the month, masses of mild ocean air coming from the southwest brought about a rapid and consistent rise in temperature. The second 10-day period of the month was subject to anticyclonic influences. Dry and unusually warm spring weather prevailed, and there was an almost total absence of turbulences. The determining factor in weather developments for the final third of the month was the position of a frontal zone stretching northeastward from northern Italy, across Poland. The wave disturbances (Wellenstoerungen) which followed close upon this front, and which moved from southwest to northeast, led to changeable weather in the central mountain region, whereas ground frosts appeared in those parts of the northern portion of the GDR in which the clouds dispersed. Toward the end of the month, clear, warm spring weather reappeared in Central Europe.

Starting with zero temperatures at the beginning of the month, the average daily temperatures exceeded the long-term average on the 6th, and in many areas rose to 17 degrees on the 12th. Up to the 23d, average daily temperatures were 5-8 degrees above normal. From the 26th to the 28th, temperatures again dropped to below 10 degrees, but rose to 15 degrees by the end of the month. Maximum temperatures for the month were observed chiefly on the 12th, although in some areas highs were recorded also on 11, 13, 14, 15, 22, and 30 March. In general, temperatures of 24-25 degrees were those most frequently recorded. In some localities the frequency high was 26-27 degrees. These readings were about 3 degrees above normal. The lowest temperatures for the month were measured, practically without exception, on the 2d. The majority of the readings were 4-5 degrees below zero. Temperatures of less than

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10 degrees below zero occurred only in areas particularly prone to frost. These readings were 1-2 degrees lower than the long-term average, and the temperature fluctuations for the month of between 28 and 29 degrees were about 4 degrees above normal. Average temperatures for the month ranged from 8-9 degrees at the coast to 11 degrees and above inland. The Elbe valley between Dresden and Magdeburg, the Sachsen lowlands, and central Brandenburg were the warmest areas. In the foothills of the central mountains, average temperatures varied between 10 and 11 degrees, and in the higher altitudes of these mountains the average temperatures were between 5 and 7 degrees. Accordingly, deviations from the long-term average were more pronounced than usual. Temperatures ranged chiefly between 3 and 4 degrees above zero in the greater part of Mecklenburg, in Westhavelland, and in the Altmark, and between 2 and 3 degrees above zero along the Flaeming ridge and in the Niederlausitz area.

Precipitation was recorded only during the first and last third of the month. There was no precipitation between 9 and 19 March. Average precipitation frequency (10-11 days with a minimum of 0.1 millimeter) was about 3 days below normal, whereas the frequency of snowfall, recorded at an average of 2-3 days, was about one day above normal. A thin, 5-to-10-centimeter layer of snow which covered the lowlands melted rapidly during the first days of the month. In the high altitudes of the central mountain region, the snow cover measured 70-150 centimeters at the beginning of the month. The melting process, which set in vigorously on the 5th, was completed by the 23d in nearly all areas. The amounts of precipitation measured were generally minor. The largest amounts in a single day, 16-18 millimeters, were measured predominantly on 1 March, although in certain sectors maximum precipitation was also recorded on 7, 8, 9, 23, 24, 25, 28, and 29 March. In most of the GDR, precipitation during the month measured less than 25 millimeters. In Thueringen, Sachsen, central Brandenburg, Altmark, and the Harz mountain area, precipitation amounted to 25-50 millimeters. In the major part of Mecklenburg and in western Thueringen, precipitation amounted to only 20-50 percent of the long-term average. Above-average precipitation occurred only in certain localities, particularly in the Vogtland sector and in the area between the Saale and Elster rivers.

In keeping with the nature of the weather, overcast was generally about 0.5/10 below normal. The number of fair days exceeded the long-term average by two, whereas the number of overcast days was normal. As a result, the month's total number of hours of sunshine, 180-220, was approximately 30-80 percent above average.

/Monthly tables of weather observation data follow. The numbers in parentheses in the tables are approximate values./

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Weather Observations in the GDR for November 1951

Weather Station	Altitude Above Mean Sea Level (meters)	Temperature (degrees centigrade)						Relative Humidity (%)	Cloudiness Over a Range of 0-10
		Average	Deviation From Average	Maximum	Date	Minimum	Date		
Arkona	42	7.3	(+3.2)	11.2	25	1.8	24	89	8.4
Warnemuende	4	7.0	(+3.0)	12.4	25	0.3	3	90	8.5
Ueckermuende	1	6.5	(+2.8)	14.2	25	0.2	26	90	8.1
Schwerin	60	6.5	+2.7	12.4	18	-0.3	3	91	8.4
Neustrelitz	66	6.3	+3.0	12.3	25	-1.7	3	91	8.6
Kyritz	49	6.5	+3.2	13.5	18	-2.3	3	91	8.0
Gardelegen	47	6.9	+3.1	15.4	9	-1.6	3	88	8.6
Berlin-Adlershof	38	6.9	(+3.4)	13.0	25	1.8	24	88	8.6
Frankfurt/Oder	52	6.9	+3.5	14.1	8	1.2	5	89	8.3
Magdeburg	79	6.8	+3.2	14.7	9	-2.2	3	91	8.4
Jueterbog	72	7.0	+3.5	14.1	8	-1.9	5	88	8.5
Wernigerode	234	7.4	(+4.0)	15.1	9	-2.8	5	80	8.0
Cottbus	70	7.2	+3.7	14.6	8	-1.9	5	86	8.1
Torgau	80	7.0	+3.2	13.8	25	-3.4	5	87	7.9
Kalteneber	445	5.5	(+3.4)	11.5	24	-0.5	29	89	9.2

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Precipitation				Number of Days										
				Precipitation										
Total (mm)	In % of Normal	Maximum	Date	≧ 0.1 mm	≧ 1.0 mm	Snow ≧ 0.1 mm	Clear	Over-cast	Foggy	Thunder-storms	Windy	Icy	Frosty	Summer
72	156	13.5	25	20	12	-	-	19	4	-	10	-	-	-
109	272	22.7	25	20	13	-	-	20	7	1	5	-	-	-
49	126	9.9	13	18	11	1	-	15	6	-	3	-	-	-
83	189	20.3	13	22	11	1	-	18	11	1	-	-	1	-
56	124	9.7	13	18	12	-	-	20	12	-	-	-	1	-
55	141	15.1	13	20	10	-	-	17	8	-	1	-	1	-
79	198	26.6	13	24	13	-	-	19	8	-	-	-	1	-
59	140	13.1	14	14	9	-	-	22	7	-	3	-	-	-
68	184	12.4	13	20	12	-	-	18	4	-	-	-	-	-
66	183	21.3	13	23	12	-	-	18	9	-	2	-	2	-
84	234	30.8	13	17	10	-	-	20	6	-	2	-	1	-
63	137	19.6	13	18	13	-	-	16	6	-	11	-	1	-
44	113	8.7	13	16	10	-	-	16	3	1	-	-	1	-
58	157	14.4	13	14	8	-	-	17	10	-	5	-	1	-
96	185	33.7	13	21	15	4	-	26	5	-	3	-	2	-

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Halle-Passendorf	78	7.0	(+3.2)	15.0	18	-3.5	5	88	7.9
Goerlitz	237	5.6	+3.3	15.2	12	-0.7	5	85	7.9
Dresden-Wahnsdorf	246	6.9	+3.5	13.2	10	1.5	5	81	8.3
Erfurt-West	254	6.7	+3.6	14.5	11	0.4	6	83	8.4
Chemnitz	356	6.5	+3.4	16.1	10	-0.3	5	80	8.1
Sonneberg	636	4.0	(+2.8)	12.2	10	-2.0	27	93	9.2
Brocken	1142	1.7	+2.7	13.7	10	-4.6	26	92	9.3
Inselsberg	913	2.7	+2.7	13.4	11	-3.3	27	91	9.3
Fichtelberg	1214	1.2	+2.2	12.3	10	-5.0	29	94	9.5

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55	183	16.9	13	17	10	-	-	16	12	-	4	-	2	-
68	142	16.7	26	13	8	1	-	15	4	-	-	-	1	-
56	119	11.2	26	16	10	1	-	18	6	-	-	-	-	-
66	213	20.5	13	18	12	-	-	18	4	-	6	-	-	-
76	149	19.9	26	13	10	2	-	16	5	-	2	-	1	-
124	165	29.5	13	22	18	2	-	24	22	-	2	1	5	-
186	145	25.3	26	26	17	13	-	25	26	-	27	6	19	-
126	129	23.1	13	24	17	7	-	24	26	-	24	3	11	-
103	141	20.1	26	22	12	12	-	28	27	-	11	6	21	-

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STAT

Duration of Sunshine

Weather Station	Hours	In % of Possible Duration	In % of Normal Duration
Arkona	41	16	--
Boltenhagen	40	15	--
Boizenburg	30	12	--
Wittenberge	32	12	--
Angermuende	36	14	--
Wali	23	9	--
Potsdam	30	11	53
Lindenberg	40	15	70
Quedlinburg	36	13	60
Schierke	29	11	--
Halle/Stadt	30	11	50
Dresden-Wahnsdorf	33	12	58
Goerlitz	56	21	--
Erfurt-West	39	14	76
Altenburg	30	11	--
Sonneberg	35	13	--
Fichtelberg	19	7	37

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Weather Observations in the GDR for December 1951

Weather Station	Altitude Above Mean Sea Level (meters)	Temperature (degrees centigrade)						Relative Humidity (%)	Cloudiness Over a Range of 0-10
		Average	Deviation From Average	Maximum	Date	Minimum	Date		
Arkona	42	4.4	(+3.1)	8.9	5	-1.1	22	90	8.0
Warnemuende	4	4.8	(+3.7)	9.7	4,5	-1.1	15	90	7.6
Ueckermuende	1	3.8	(+3.2)	10.6	5	-4.6	12	90	7.2
Schwerin	60	3.9	+3.0	9.4	4,5	-4.3	15	91	7.7
Neustrelitz	66	3.6	+3.2	9.4	5	-5.5	15	90	7.8
Kyritz	49	3.7	+3.3	9.7	1	-5.2	15	91	7.2
Gardelegen	47	3.9	+2.8	10.1	4	-6.9	15	85	7.4
Berlin-Adlershof	38	3.5	(+2.9)	10.2	5	-5.3	15	87	7.4
Frankfurt/Oder	52	3.3	+2.9	10.1	1	-4.6	15	86	7.2
Magdeburg	79	3.6	+2.5	10.0	5	-5.8	15	89	6.7
Jueterbog	72	3.1	+2.5	9.7	1,5	-6.0	15	88	7.1
Wernigerode	234	4.4	(+3.4)	13.5	20	-5.2	14	78	6.4
Cottbus	70	3.3	+2.8	10.3	5	-4.5	29	83	6.9

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Precipitation				Number of Days										
				Precipitation										
Total (mm)	In % of Normal	Maximum	Date	≧ 0.1 mm	≧ 1.0 mm	Snow ≧ 0.1 mm	Clear	Over-cast	Foggy	Thunder-storms	Windy	Icy	Frosty	Summer
29	58	5.1	10	17	12	-	-	18	10	-	7	-	3	-
40	89	5.8	2	21	11	-	-	16	7	-	3	-	4	-
33	69	10.8	5	21	8	3	1	11	10	-	7	-	9	-
46	82	8.4	26	23	10	-	1	16	13	-	-	-	8	-
40	70	9.7	5	20	7	3	1	17	12	-	-	-	8	-
24	51	7.3	5	17	5	-	2	12	9	-	3	-	8	-
12	25	3.6	26	14	4	-	1	12	9	-	-	-	9	-
17	35	8.3	5	15	5	2	-	15	10	-	3	-	7	-
19	44	8.3	5	15	6	3	-	12	9	-	-	-	10	-
14	36	3.6	26	11	5	2	3	12	10	-	3	-	11	-
21	55	8.2	5	14	5	2	-	14	9	-	-	-	10	-
18	35	5.0	10	15	7	2	1	8	4	-	13	-	9	-
17	40	5.6	1	14	3	1	1	12	6	-	1	-	12	-

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Torgau	80	3.4	+2.4	10.3	5	-4.0	15	87	6.7
Kalteneber	445	1.4	(+2.2)	7.2	5	-4.9	14,15	90	8.0
Halle-Passendorf	78	3.4	(+2.1)	10.2	5	-5.4	15	87	6.5
Goerlitz	237	2.0	+1.9	8.9	5	-3.8	29	85	6.9
Dresden-Wahnsdorf	246	2.7	+2.4	9.2	5	-2.5	15	81	7.1
Erfurt-West	254	2.7	+2.4	9.7	1	-6.2	14	84	6.7
Chemnitz	356	2.5	+2.1	10.9	20	-5.3	15	81	6.8
Sonneberg	636	-0.7	(+1.1)	5.0	20	-7.0	15	97	9.0
Brocken	1142	-0.5	+3.1	9.2	20	-7.7	13	88	7.8
Inselsberg	913	-0.5	+2.4	8.4	21	-5.5	13,25	93	8.3
Fichtelberg	1214	-1.1	+2.8	9.2	20	-9.8	13	87	7.8

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11	27	3.0	11	8	5	3	1	9	6	-	7	-	9	-
33	53	6.1	11	18	9	8	-	15	11	-	2	1	19	-
12	36	6.3	17	13	3	2	1	9	10	-	-	-	11	-
39	75	12.7	1	15	6	5	2	10	3	-	1	1	12	-
18	32	3.8	1,11	13	7	3	1	10	10	-	-	-	8	-
12	40	3.3	30	12	5	3	2	10	6	-	2	-	12	-
36	62	7.4	11	15	9	6	1	13	5	-	2	-	15	-
85	81	29.6	26	19	11	8	-	26	29	-	3	12	25	-
116	70	18.9	11	23	15	13	2	18	26	-	23	13	21	-
68	56	17.0	5	18	12	13	-	21	27	-	20	9	27	-
59	74	11.6	12	21	10	13	1	19	23	-	15	15	24	-

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STAT

Duration of Sunshine

Weather Station	Hours	In % of Possible Duration	In % of Normal Duration
Arkona	60	26	--
Boltenhagen	50	22	--
Boizenburg	48	20	--
Wittenberge	56	24	--
Angermuende	51	22	--
Wall	40	17	--
Potsdam	56	23	139
Lindenberg	56	23	150
Quedlinburg	71	29	153
Schierke	58	24	--
Halle/Stadt	43	18	100
Dresden-Wahnsdorf	69	28	171
Goerlitz	61	24	--
Erfurt-West	64	26	147
Altenburg	54	22	--
Sonneberg	36	14	--
Fichtelberg	67	27	154

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Weather Observations in the GDR for January 1952

Weather Station	Altitude Above Mean Sea Level (meters)	Temperature (degrees centigrade)						Relative Humidity (%)	Cloudiness Over a Range of 0-10
		Average	Deviation From Average	Maximum	Date	Minimum	Date		
Arkona	42	1.3	(+1.3)	6.4	8	-5.2	23	89	8.5
Warnemuende	4	1.6	(+1.9)	8.0	15	-4.2	23,24	88	8.1
Bolterhagen	2	1.5	-	8.5	15	-5.8	29	88	8.4
Schwerin	60	0.9	+1.2	7.6	15,16	-5.2	27	90	8.5
Ueckermuende	1	1.0	+1.8	8.0	16	-6.8	28,29	88	8.1
Neustrelitz	66	0.7	+1.6	8.0	16	-6.8	29	89	8.6
Kyritz	49	0.9	+1.7	8.1	16	-5.2	29	90	8.2
Angermuende	48	0.9	+2.0	7.8	16	-6.2	29	86	8.4
Frankfurt/Oder	52	0.8	+1.6	7.9	16	-7.0	27	85	8.6
Berlin-Adlershof	38	1.0	(+1.7)	7.9	3,11	-6.8	29	87	8.7
Potsdam	81	0.7	+1.4	7.3	11	-6.3	29	87	8.6
Jueterbog	72	0.8	+1.5	8.3	3	-8.2	29	86	8.0
Cottbus	72	0.9	+1.6	8.8	3	-7.1	29	83	8.4
Gardelegen	47	1.0	+1.1	9.1	16	-5.7	29	87	8.4
Magdeburg	79	0.8	+1.1	7.8	16	-8.8	29	88	7.9

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Precipitation				Number of Days												Duration of Sunshine		
				Precipitation														
Total (mm)	In % of Normal	Maximum	Date	≧ 0.1 mm	≧ 1.0 mm	Snow ≧ 0.1 mm	Clear	Over-cast	Foggy	Thunder-storms	Windy	Icy	Frosty	Sum-mer	Hours	In % of Possible Duration	In % of Normal Duration
36	86	5.1	4	21	12	13	.	19	3	.	8	5	20	.	35	14	-
35	85	5.7	20	20	10	13	.	20	.	.	4	5	20	.	35	14	-
44	116	5.5	3	24	17	14	.	19	.	.	2	6	19	.	36	15	-
55	102	9.5	3	24	16	20	.	20	2	1	2	6	19	.	-	-	-
27	66	6.9	3	23	7	15	.	19	.	.	6	7	21	.	-	-	-
47	90	10.7	3	24	14	20	.	23	1	1	.	7	20	.	-	-	-
50	109	9.4	17	21	10	15	1	20	.	1	3	6	21	.	-	-	-
43	102	8.7	17	20	9	15	.	20	2	.	2	7	17	.	39	16	-
54	135	15.9	21	22	10	16	.	22	2	.	.	6	19	.	-	-	-
47	102	17.1	21	22	11	15	.	22	.	.	3	6	19	.	43	17	-
52	113	17.7	21	19	12	16	.	21	2	.	.	6	24	.	42	17	79
38	109	11.7	21	21	10	12	1	16	.	.	3	7	20	.	47	18	-
42	102	13.7	21	19	10	12	.	19	4	.	.	6	19	.	-	-	-
70	152	17.3	21	18	12	15	.	21	2	.	.	5	20	.	-	-	-
46	124	9.0	11	18	12	13	1	16	2	.	.	6	22	.	47	18	102

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Wernigerode	234	0.7	(+0.9)	8.7	16	-7.0	20,26	81	7.6
Torgau	80	1.0	+1.2	8.4	16	-7.9	27	86	8.1
Halle-Passendorf	78	1.0	(+1.2)	8.4	11	-9.1	29	86	7.5
Goerlitz	237	-0.2	+1.0	7.7	16	-10.8	24	83	7.9
Dresden-Wahnsdorf	246	0.5	+1.5	8.8	11	-7.3	27	82	8.1
Chemnitz	356	-0.4	+0.5	7.6	11	-9.6	29	85	8.0
Kalteneber	445	-1.5	(+0.8)	6.3	11	-7.9	29	93	9.2
Erfurt	254	0.2	+1.5	8.6	11	-8.2	29	84	7.6
Altenburg-Ost	224	0.2	+1.0	8.1	11	-7.3	27	86	7.7
Sonneberg-Neufang	636	-2.9	(+0.2)	5.0	11	-9.6	25	95	9.5
Brocken	1142	-5.2	-0.8	4.1	7	-13.1	26	96	8.8
Inselsberg	913	-4.4	-0.7	3.2	11	-10.5	25	97	9.7
Fichtelberg	1214	-5.7	-0.5	1.3	9	-13.1	29	99	9.3

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79	165	16.1	21	21	14	16	.	13	3	1	15	8	23	.	55	21	-
34	87	9.2	11	15	7	10	1	17	1	.	10	7	20	.	51	20	-
24	83	8.5	21	15	6	12	1	11	3	1	2	6	22	.	-	-	-
51	106	10.4	21	21	12	12	.	15	2	.	.	9	23	.	51	20	-
38	90	10.5	21	17	12	12	.	18	9	.	3	9	21	.	51	20	102
46	73	8.7	21	23	10	19	.	17	3	.	3	10	24	.	45	17	90
81	150	14.3	19	26	15	22	.	26	12	.	2	13	30	.	13	5	-
47	152	9.7	1	18	11	16	.	13	2	.	4	9	22	.	41	16	82
30	88	9.9	21	17	7	12	.	14	.	1	2	8	22	.	41	16	-
110	110	21.6	11	25	21	21	.	29	28	.	8	20	31	.	10	4	-
199	107	34.5	3	26	21	24	.	23	30	.	25	25	31	.	41	16	-
144	132	23.0	11	26	23	22	.	29	30	.	18	25	31	.	21	8	42
102	111	18.8	11	30	21	23	.	27	30	.	11	28	31	.	19	7	36

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Weather Observations in the GDR for February 1952

Weather Station	Altitude Above Mean Sea Level (meters)	Temperature (degrees centigrade)						Relative Humidity (%)	Cloudiness Over a Range of 0-10
		Average	Deviation From Average	Maximum	Date	Minimum	Date		
Arkona	42	1.0	(+1.2)	5.9	24	-7.3	16	91	8.4
Warnemuende	4	1.4	(+1.3)	5.9	22	-6.3	16	90	8.2
Boltenhagen	2	1.4	-	9.5	25	-8.9	16	88	7.9
Schwerin	60	0.9	+0.7	9.9	24	-10.7	16	89	7.9
Ueckermuende	1	1.1	(+1.2)	9.2	23	-9.5	15	88	8.0
Neustrelitz	66	0.4	+0.6	9.1	25	-12.6	15	88	8.1
Kyritz	49	0.5	+0.4	10.3	25	-12.0	15,16	90	7.4
Angermuende	48	0.7	+1.1	8.6	25	-11.6	15	86	7.9
Frankfurt/Oder	52	0.5	+0.6	7.6	25	-10.8	15	86	7.8
Berlin-Adlershof	38	0.8	(+0.6)	10.2	25	-11.0	13,15	86	7.9
Potsdam	81	0.7	+0.5	9.7	25	-8.9	15	86	8.3
Jueterbog	72	0.6	+0.3	8.7	26	-12.0	15	86	7.7
Cottbus	72	0.6	+0.3	9.0	25	-11.2	15	85	8.2
Gardelegen	47	0.8	+0.1	9.3	24	-12.4	16	89	7.8
Magdeburg	79	0.6	+0.3	7.6	25	-12.2	4	87	7.9

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Precipitation				Number of Days											Duration of Sunshine		
				Precipitation													
Total (mm)	In % of Normal	Maximum	Date	≥ 0.1 mm	≥ 1.0 mm	Snow ≥ 0.1 mm	Clear	Over-cast	Foggy	Thunder-storms	Windy	Icy	Frosty	Sum-mer	Hours	In % of Possible Duration	In % of Normal Duration
13	39	2.5	11	15	6	10	.	18	9	.	4	.	19	.	58	21	-
20	77	4.0	11	17	9	9	.	18	8	.	4	.	14	.	16	22	-
31	103	6.8	8	13	8	11	.	15	5	.	.	1	15	.	68	24	-
29	72	6.6	11	16	7	10	.	16	9	.	1	1	17	.	-	-	-
20	65	4.2	22	16	7	9	.	16	3	.	3	.	19	.	-	-	-
21	55	3.9	21	14	7	10	1	15	9	.	.	1	19	.	-	-	-
20	61	4.0	11	14	8	9	2	13	6	.	2	1	16	.	-	-	-
18	60	2.9	21	13	8	8	1	20	3	.	2	1	18	.	70	25	-
24	77	3.8	11	18	8	11	2	16	3	.	.	2	18	.	-	-	-
26	84	6.9	11	16	7	13	1	15	5	.	.	1	17	.	62	22	-
26	79	6.9	11	19	9	12	1	20	8	.	.	2	19	.	64	22	89
22	79	8.2	11	16	7	12	2	16	2	.	.	1	18	.	58	20	-
21	66	3.9	21	17	6	10	.	20	9	.	.	2	17	.	-	-	-
22	63	3.8	2,8	14	7	10	1	17	7	.	.	1	16	.	-	-	-
17	59	5.3	11	13	5	10	1	14	6	.	.	1	17	.	67	23	101

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Wernigerode	234	0.8	(+0.4)	7.9	23	-10.9	16	81	7.7
Torgau	80	0.7	0.0	8.8	26	-10.4	15	89	8.1
Halle-Passendorf	78	1.1	(+0.5)	9.3	26	-9.5	15	87	7.7
Goerlitz	237	-0.7	-0.5	6.8	26	-10.0	14	88	8.5
Dresden-Wahnsdorf	246	-0.1	-0.1	7.1	25	-9.1	15	85	8.8
Chemnitz	356	-1.3	-1.0	5.6	26	-15.6	15	89	8.8
Kalteneber	445	-1.4	(-0.5)	5.7	26	-9.8	16	92	8.7
Erfurt	254	-0.3	-0.2	7.9	26	-12.6	15	86	7.8
Altenburg-Os.	224	-0.2	-0.3	7.8	26	-12.7	15	88	8.3
Sonneberg-Neufang	636	-3.2	(-1.0)	5.3	27	-15.2	14	94	8.8
Brocken	1142	-5.4	-1.0	0.4	24,27	-11.2	15	98	9.1
Inselsberg	913	-4.2	-0.8	1.8	24,26	-12.1	14	98	9.2
Fichtelberg	1214	-6.3	-1.5	-0.3	22	-12.9	16	90	9.5

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26	68	6.9	1	15	6	11	1	16	2	.	9	3	18	.	73	25	-
14	45	4.6	11	14	4	10	3	19	7	.	6	2	16	.	49	18	-
11	50	2.9	21	15	4	12	2	17	3	.	.	1	16	.	-	-	-
41	102	5.4	10	21	13	16	.	18	5	.	.	9	19	.	50	18	-
28	82	5.1	21	20	8	17	.	22	12	.	.	6	18	.	51	18	77
48	98	9.5	11	19	15	15	2	24	11	.	.	11	21	.	42	15	60
48	100	9.6	11	19	8	16	1	22	13	.	1	15	25	.	36	13	-
16	69	4.9	9	13	5	10	3	17	.	.	.	4	19	.	59	21	81
27	108	5.8	11	15	7	11	2	17	4	.	.	4	17	.	46	16	-
79	101	18.9	11	19	15	16	.	22	19	.	2	21	27	.	30	10	-
102	68	15.5	10	23	16	19	1	26	29	.	16	26	29	.	47	16	-
83	90	19.2	11	19	13	15	.	24	29	.	6	24	29	.	30	11	42
88	128	12.7	21	28	15	21	.	26	28	.	11	29	29	.	29	10	40

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Weather Observations in the GDR for March 1952

Weather Station	Altitude Above Mean Sea Level (meters)	Temperature (degrees centigrade)						Relative Humidity (%)	Cloudiness Over a Range of 0-10
		Average	Deviation From Average	Maximum	Date	Minimum	Date		
Arkona	42	0.4	(-1.8)	7.2	4	-4.3	8	77	6.5
Warnemuende	4	1.1	(-1.7)	10.0	10	-4.5	8	77	6.1
Boltenhagen	2	1.4	-	10.7	3	-5.4	8	76	6.2
Schwerin	60	1.2	-1.7	10.6	10	-6.3	8	74	6.1
Ueckermuende	1	0.3	(-2.3)	10.2	16	-6.5	8	74	5.5
Neustrelitz	66	0.0	-2.8	10.2	17	-7.9	27	74	5.8
Kyritz	49	0.8	-2.4	11.9	17	-6.9	7	74	5.5
Angermuende	48	0.2	-2.5	9.6	10	-6.8	8	75	5.7
Frankfurt/Oder	52	0.5	-2.7	10.9	3,17	-7.6	7	69	5.9
Berlin-Adlershof	38	0.9	(-2,4)	13.2	3	-7.2	7	72	6.1
Potsdam	81	1.0	-2.3	13.7	3	-7.9	7	68	6.1
Jueterbog	70	1.1	-2.4	13.2	3	-8.8	7	72	5.7
Cottbus	72	0.8	-2.7	13.5	3	-8.8	7	69	5.9
Gardelegen	47	1.5	-2.1	13.0	3	-8.0	8	74	6.3
Magdeburg	79	1.9	-1.6	13.9	3	-7.4	8	74	6.6

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Precipitation				Number of Days											Duration of Sunshine		
				Precipitation													
Total (mm)	In % of Normal	Maximum	Date	≧ 0.1 mm	≧ 1.0 mm	Snow ≧ 0.1 mm	Clear	Over-cast	Foggy	Thunder-storms	Windy	Icy	Frosty	Sum-mer	Hours	In % of Possible Duration	In % of Normal Duration
16	44	5.7	23	8	4	6	6	11	6	.	2	3	29	.	189	52	-
31	97	14.2	3	10	7	6	4	13	4	.	1	1	23	.	197	54	-
14	40	4.9	3	10	3	6	5	13	4	.	.	.	23	.	132	50	-
15	33	2.8	23	11	7	6	5	12	3	.	.	2	25	.	-	-	-
20	57	7.7	3	10	5	6	5	8	6	.	.	.	29	.	-	-	-
19	44	4.3	23	9	6	7	7	13	6	.	.	.	28	.	-	-	-
17	46	7.0	31	10	3	7	10	10	2	.	3	.	24	.	-	-	-
21	60	6.9	23	10	4	7	7	10	3	.	1	.	28	.	159	43	-
21	62	5.9	23	8	5	6	5	11	.	.	.	1	27	.	-	-	-
17	49	6.5	30	10	5	6	8	14	3	.	2	1	25	.	164	45	-
20	56	8.5	30	9	6	7	9	13	1	.	.	1	24	.	174	47	156
44	147	24.4	30	13	7	9	8	10	2	.	1	1	23	.	168	46	-
17	46	5.3	23	12	4	9	6	12	4	.	1	1	25	.	-	-	-
46	115	14.7	21	14	7	8	6	11	4	.	.	1	22	.	151	41	-
43	130	11.7	21	12	8	10	6	16	4	.	1	1	21	.	158	43	146

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Wernigerode	234	2.0	(-1.1)	15.2	3	-7.8	6	76	7.2
Torgau	80	1.3	-2.6	13.7	3	-8.9	7	77	5.9
Halle-Passendorf	78	2.1	(-1.7)	14.3	3	-7.8	9	79	6.7
Goerlitz	237	0.0	-3.2	11.1	3	-10.8	28	76	5.5
Dresden-Wahnsdorf	246	1.1	-2.3	13.3	3	-8.7	8	74	6.1
Chemnitz	356	1.3	-1.4	13.6	4	-8.9	8	78	6.6
Kalteneber	445	0.9	(-1.1)	12.7	4	-8.9	8	83	8.1
Erfurt	254	2.4	-0.8	15.0	3	-8.0	7	79	7.3
Altenburg-Ost	224	1.9	-1.4	14.6	3	-7.8	8	80	6.6
Sonneberg-Neufang	636	0.3	(-0.7)	10.6	4	-12.2	8	83	7.5
Brocken	1142	-3.3	-0.[illegible]	8.0	4	-14.5	8	86	7.7
Inselsberg	913	-1.4	-0.5	8.8	4	-12.1	8	89	7.9
Fichtelberg	1214	-3.9	-1.6	7.5	4	-15.8	8	88	7.8

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92	192	19.1	26	16	12	12	3	18	5	.	2	2	18	.	135	37	-
41	121	10.7	26	14	8	9	8	14	4	.	3	1	23	.	156	43	-
55	190	13.8	21	14	12	9	4	15	7	.	.	.	20	.	-	-	-
33	73	7.6	23	15	9	11	7	10	4	.	.	7	25	.	169	46	-
53	143	15.0	30	17	10	14	7	12	10	.	1	4	21	.	145	40	146
84	153	14.4	26	16	14	12	6	14	9	.	.	4	21	.	132	36	118
111	241	20.3	26	18	13	14	2	21	13	.	2	4	21	.	115	31	-
103	343	16.8	6	16	14	10	5	18	6	.	.	1	18	.	121	31	108
72	225	15.6	21	18	13	10	5	16	6	.	.	3	20	.	120	33	-
129	208	22.1	26	20	14	14	2	18	17	.	4	6	21	.	108	29	-
97	60	16.5	21	22	14	20	2	19	26	.	17	13	29	.	114	31	-
165	183	35.2	30	21	14	17	2	19	24	.	9	9	25	.	93	25	94
106	119	19.5	23	20	14	13	2	19	26	.	5	15	29	.	112	30	124

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Weather Observations in the GDR for April 1952

Weather Station	Altitude Above Mean Sea Level (meters)	Temperature (degrees centigrade)						Relative Humidity (%)	Cloudiness Over a Range of 0-10
		Average	Deviation From Average	Maximum	Date	Minimum	Date		
Arkona	42	7.1	(+1.7)	19.5	22	-2.3	1	84	6.2
Warnemuende	4	8.9	(+2.6)	23.3	11	-1.9	1	79	5.9
Boltenhagen	2	8.7	-	23.3	11	-4.4	2	80	5.6
Schwerin	60	10.2	+3.3	24.7	12	-4.9	2	73	5.6
Ueckermuende	1	8.9	(+2.2)	23.1	20	-8.5	2	79	5.9
Neustrelitz	66	9.7	+2.6	24.0	12,15	-10.4	2	73	6.4
Kyritz	49	10.4	+2.9	25.2	14	-6.8	2	76	5.2
Angermuende	48	10.2	+3.0	23.9	15	-3.3	2	74	6.6
Frankfurt/Oder	52	11.1	+3.3	24.7	13	-2.6	2	69	5.7
Berlin-Adlershof	38	11.1	(+3.5)	25.2	13	-3.4	2	70	5.3
Potsdam	81	11.2	+3.6	25.3	13	-4.8	2	67	6.2
Jueterbog	70	11.0	+3.2	24.8	12	-3.3	2	71	5.8
Cottbus	72	11.3	+3.5	25.0	22	-3.9	2	69	6.3
Gardelegen	47	10.3	+2.6	24.6	12	-7.0	2	73	6.3
Magdeburg	79	11.1	+3.7	24.8	12	-4.8	2	70	5.6

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Precipitation				Number of Days											Duration of Sunshine		
				Precipitation													
Total (mm)	In % of Normal	Maximum	Date	0.1 mm	1.0 mm	Snow 0.1 mm	Clear	Over-cast	Foggy	Thunder-storms	Windy	Icy	Frosty	Sum-mer	Hours	In % of Possible Duration	In % of Normal Duration
26	72	6.6	8	9	6	1	1	7	4	1	1	.	3	.	232	55	-
20	59	6.9	8	9	5	1	3	8	2	2	.	.	2	.	221	53	-
20	57	8.1	8	10	4	1	6	7	2	3	.	.	3	.	213	51	-
20	48	4.0	8	11	8	3	5	7	3	3	.	.	3	.	-	-	-
26	68	12.5	1	13	5	2	1	8	4	1	.	.	4	.	-	-	-
12	27	7.3	1	7	2	1	1	8	7	1	.	.	5	.	-	-	-
24	63	6.5	1	10	6	2	6	5	3	3	.	.	3	1	-	-	-
24	71	7.8	24	8	5	2	2	11	2	.	.	.	3	.	206	49	-
36	103	12.2	9	8	7	1	5	9	.	3	.	.	3	.	-	-	-
32	82	16.1	9	8	3	1	4	7	1	2	.	.	3	2	207	50	-
19	48	7.1	1	8	4	1	4	10	2	2	.	.	3	1	220	53	138
17	49	5.9	24	8	4	1	2	8	1	2	.	.	3	.	206	50	-
32	82	10.0	24	9	7	2	1	10	2	2	.	.	3	1	-	-	-
38	100	10.4	21	12	6	3	3	12	3	3	.	.	4	.	202	48	-
24	67	8.5	1	10	6	1	3	11	2	3	.	.	3	.	212	51	139

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Wernigerode	234	10.3	(+3.7)	23.6	12	-8.3	2	70	6.0
Torgau	80	11.0	+2.7	24.3	12,13	-4.6	2	72	5.6
Halle-Passendorf	78	11.2	(+3.5)	24.4	11	-4.8	2	74	6.0
Goerlitz	237	10.4	+2.9	23.6	22	-5.4	2	74	6.1
Dresden-Wahnsdorf	246	11.3	+3.8	23.8	14,20	-3.7	2	6[illegible]	5.8
Chemnitz	356	10.3	+3.5	24.1	12	-5.9	2	74	5.9
Kalteneber	445	10.1	(+4.1)	22.9	11,12	-5.7	2	66	6.9
Erfurt	254	10.8	+3.6	25.0	12	-5.5	2	68	5.9
Altenburg-Ost	224	10.7	+3.3	24.8	12	-3.1	2	74	5.8
Sonneberg-Neufang	636	8.8	(+3.7)	21.8	12	-6.4	2	73	6.8
Brocken	1142	4.9	+4.4	17.7	11	-9.6	1	77	6.4
Inselsberg	913	7.0	+4.0	18.8	12	-8.1	2	75	6.7
Fichtelberg	1214	5.1	+3.7	16.3	30	-10.4	2	80	7.2

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25	51	6.9	29	9	6	1	4	12	3	1	.	1	3	.	199	48	-
22	56	8.6	25	7	6	1	6	10	1	3	.	.	3	.	213	51	-
18	51	4.4	25	10	6	1	5	11	2	1	.	.	3	.	-	-	-
37	70	6.8	23	11	8	1	5	12	3	4	.	.	4	.	211	51	-
39	83	13.0	27	10	8	1	5	9	4	4	.	.	3	.	201	49	152
35	57	10.5	25	13	6	3	5	10	1	3	.	.	4	.	192	47	139
30	56	11.8	1	10	6	2	2	14	4	1	.	1	3	.	197	48	-
41	102	10.4	26	10	7	1	6	9	.	2	.	.	3	1	199	48	135
39	98	13.0	25	11	7	3	4	8	4	1	.	.	3	.	162	39	-
59	95	18.2	1	13	10	3	4	14	7	2	1	.	5	.	189	46	-
43	35	9.8	1	14	11	6	5	13	16	2	6	5	11	.	204	49	-
39	41	7.5	7	15	10	6	5	13	13	1	.	2	6	.	188	46	125
42	47	10.4	24	14	7	6	2	17	17	4	.	4	7	.	182	44	184

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