

GDR Weather Statistics for July 1951

Area ¹	Temperature in Degrees Centigrade				Precipitation			
	July 1951		July 1950		July 1951		July 1950	
	Average	Deviation From Average ²	Average	Deviation From Average	Total (mm)	% of Average ³	Total (mm)	% of Average
Mecklenburg								
a. Baltic islands and coastline	16.0-17.1	(0.0)-(+0.5)	16.1-17.2	(-0.3)-(+0.1)	30-74	39-106	104-145	126-205
b. Remaining area	16.6-17.6	(-0.7)-(+0.3)	16.5-17.3	(-0.7)-(-0.1)	27-83	32-114	97-164	117-214
Brandenburg and Berlin	17.2-19.6	(-0.4)-(+0.7)	17.3-19.3	(-0.3)-(+1.0)	18-99	26-126	53-152	70-214
Sachsen-Anhalt								
a. Up to 300 m elev	16.8-19.4	(-0.8)-(+1.1)	17.6-19.6	(0.0)-(+1.4)	22-97	29-130	40-98	56-135
b. 300-600 m elev	14.4-15.8	-(+0.3)	14.4-15.6	-(+0.1)	51-65	58-70	105-115	148-
Sachsen								
a. Up to 300 m elev	17.6-18.8	(-0.2)-(+1.5)	18.2-19.1	(+0.3)-(+1.9)	36-146	36-159	55-119	55-134
b. 300-600 m elev	16.1-17.5	(+0.2)-(+0.8)	17.0-18.2	(-0.2)-(+1.7)	48-95	52-103	69-101	68-102
Thuringen								
a. Up to 300 m elev	16.6-18.2	(-0.2)-(+1.2)	17.3-19.2	(0.0)-(+2.3)	40-79	56-102	58-117	76-167
b. 300-600 m elev	15.4-17.5	(+0.5)-(+1.2)	15.5-17.0	(+1.2)-(+2.0)	45-73	47-81	94-122	99-157

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July 1951 (Contd)	Precipitation			Clear	Overcast	Foggy	Thunder- storms	Stormy	Wet	Frosty	Sunny
Area	≥ 0.1 mm	≥ 1.0 mm	Snow								
	Number of Days										
Mecklenburg											
a. Baltic islands and coastline	0-16	6-12	-	0-3	7-12	0-2	3-6	0-3	-	-	0-4
b. Remaining area	11-16	6-10	-	0-3	6-16	0-6	3-8	-	-	-	2-9
Bremenburg and Berlin	5-16	4-10	-	0-5	5-15	0-6	3-8	0-2	-	-	8-16
Sachsen-Anhalt											
a. Up to 300 m elev	8-18	5-10	-	0-4	5-15	0-3	3-9	0-1	-	-	6-14
b. 300-600 m elev	10-13	7-9	-	3-6	4-8	2	3-5	-	-	-	2-4
Sachsen											
a. Up to 300 m elev	10-15	7-12	-	2-4	3-12	0-4	3-10	0-1	-	-	8-16
b. 300-600 m elev	11-15	6-13	-	2-6	7-11	0-5	2-9	0-1	-	-	3-11
Thuringen											
a. Up to 300 m elev	9-15	8-12	-	0-4	4-13	0-9	4-9	0-1	-	-	7-18
b. 300-600 m elev	12-16	8-11	-	0-5	5-13	0-7	4-6	0-1	-	-	2-7

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GDR Weather Statistics for August 1951

Area ¹	Temperature in Degrees Centigrade				Precipitation			
	August 1951		August 1950		August 1951		August 1950	
	Average	Deviation From Average ²	Average	Deviation From Average	Total (mm)	In % of Average	Total (mm)	In % of Average
Mecklenburg								
a. Baltic islands and coastline	16.9-17.7	(+1.4)-(-2.0)	17.5-18.2	(+1.8)-(-2.4)	17-86	23-199	42-102	54-164
b. Remaining area	17.6-18.4	(+1.5)-(-2.1)	17.4-18.4	(+1.5)-(-2.1)	13-64	18-98	57-112	83-167
Brandenburg and Berlin	17.7-20.4	(+1.4)-(-2.6)	17.8-20.5	(+1.1)-(-2.7)	12-84	20-122	16-64	26-92
Sachsen-Anhalt								
a. Up to 300 m elev	17.2-19.5	(+0.2)-(-2.3)	17.7-19.7	(+1.4)-(-2.2)	12-85	21-155	8-75	15-131
b. 300-600 m elev	14.1-15.6	-(-1.1)	14.0-15.6	-(-1.1)	71-74	67-116	28-83	43-
Sachsen								
a. Up to 300 m elev	18.3-19.7	(+1.7)-(-2.9)	18.2-19.0	(+1.3)-(-2.2)	16-160	21-198	18-54	23-68
b. 300-600 m elev	16.8-18.6	(+1.8)-(-2.2)	16.2-18.2	(+1.3)-(-1.7)	14-66	17-76	15-77	53-82
Thuringen								
a. Up to 300 m elev	16.5-18.2	(+0.5)-(-1.8)	16.4-18.2	(+0.4)-(-2.0)	10-94	13-165	31-76	47-105
b. 300-600 m elev	15.0-16.5	(+1.5)-(-2.0)	15.6-16.8	(+1.0)-(-2.4)	48-97	65-108	49-86	62-105

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Area ¹	Temperature in Degrees Centigrade				Precipitation			
	August 1951		August 1950		August 1951		August 1950	
	Average	Deviation From Average ²	Average	Deviation From Average	Total (mm)	In % of Average	Total (mm)	In % of Average
Mecklenburg								
a. Baltic islands and coastline	16.9-17.7	(+1.4)-(+2.0)	17.5-18.2	(+1.8)-(+2.4)	17-86	23-199	42-102	54-164
b. Remaining area	17.6-18.4	(+1.5)-(+2.1)	17.4-18.4	(+1.5)-(+2.1)	13-64	18-98	57-112	83-167
Brandenburg and Berlin	17.7-20.4	(+1.4)-(+2.6)	17.8-20.5	(+1.1)-(+2.7)	12-84	20-122	16-64	26-92
Sa. head-Anhalt								
a. Up to 300 m elev	17.2-19.5	(+0.2)-(+2.3)	17.7-19.7	(+1.4)-(+2.2)	12-85	21-155	8-75	15-131
b. 300-600 m elev	14.1-15.6	-(+1.1)	14.0-15.6	-(+1.1)	71-74	67-115	26-83	43-
Sachsen								
a. Up to 300 m elev	18.3-19.7	(+1.7)-(+2.9)	18.2-19.0	(+1.3)-(+2.2)	16-160	21-193	18-54	23-68
b. 300-600 m elev	16.8-18.6	(+1.8)-(+2.2)	16.2-18.2	(+1.3)-(+1.7)	14-66	17-76	15-7	53-62
Thuringen								
a. Up to 300 m elev	16.5-18.2	(+0.5)-(+1.8)	16.4-18.2	(+0.4)-(+2.0)	10-94	13-165	31-76	47-105
b. 300-600 m elev	15.0-16.5	(+1.5)-(+2.0)	15.6-16.8	(+1.0)-(+2.4)	43-97	65-108	49-86	62-105

<u>August 1951 (Contd.)</u>		<u>Precipitation</u>									
<u>Area</u>	<u>≥0.1 mm</u>	<u>≥1.0 mm</u>	<u>Snow</u>	<u>Clear</u>	<u>Overcast</u>	<u>Foggy</u>	<u>Thunder- storms</u>	<u>Stormy</u>	<u>Icy</u>	<u>Frosty</u>	<u>Sunny</u>
					<u>Number of days</u>						
Mecklenburg											
a. Baltic islands and coastlines	10-17	5-11	-	2-4	6-10	1-4	5-9	0-2	-	-	2-8
b. Remaining area	8-15	4-11	-	0-3	4-13	0-6	4-9	0-2	-	-	5-13
Brandenburg and Berlin	5-15	2-8	-	0-6	1-11	0-7	3-9	0-2	-	-	10-11
Sachsen-Anhalt											
a. Up to 300 m elev	7-20	3-13	-	0-4	2-16	0-4	4-8	0-1	-	-	7-17
b. 300-600 m elev	12-13	10-11	-	1-5	8-9	0-1	3-4	-	-	-	5
Sachsen											
a. Up to 300 m elev	6-14	4-13	-	1-7	2-7	0-3	4-7	-	-	-	11-20
b. 300-600 m elev	7-13	4-10	-	2-5	3-8	1-5	2-6	0-1	-	-	6-17
Thuringen											
a. Up to 300 m elev	5-15	4-11	-	1-6	3-11	0-13	3-7	0-4	-	-	6-12
b. 300-600 m elev	12-20	9-12	-	1-4	5-15	1-10	3-7	0-2	-	-	4-6

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GDR Weather Statistics for September 1951

Area ¹	Temperature in Degrees Centigrade				Precipitation			
	September 1951		September 1950		September 1951		September 1950	
	Average	Deviation From Average ²	Average	Deviation From Average	Total (mm)	In % of Average ³	Total (mm)	In % of Average
Mecklenburg								
a. Baltic islands and coastline	14.3-15.2	(+1.8)-(+2.0)	12.6-13.4	(-0.2)-(+0.2)	56-92	117-200	63-98	124-175
b. Remaining area	14.4-15.1	(+1.3)-(+2.0)	12.6-13.0	(-0.6)-(+0.1)	39-97	80-221	34-95	71-182
Brandenburg and Berlin	14.5-16.7	(+1.2)-(+2.2)	12.7-14.4	(-0.5)-(+0.8)	32-73	62-147	25-57	54-113
Sachsen-Anhalt								
a. Up to 300 m elev	14.6-16.3	(+1.0)-(+2.6)	13.2-14.9	(-0.1)-(+1.3)	42-83	61-152	19-48	36-107
b. 300-600 m elev	11.4-13.0	-(+1.8)	12.2-11.5	-(+0.3)	53-73	78-102	33-102	63-117
Sachsen								
a. Up to 300 m elev	14.5-15.8	(+1.1)-(+2.3)	13.3-14.2	(-0.1)-(+0.8)	21-95	36-172	33-61	57-103
b. 300-600 m elev	13.4-14.8	(+1.2)-(+2.1)	11.7-13.2	0.0 -(+0.6)	32-80	72-136	31-85	75-133
Thuringen								
a. Up to 300 m elev	13.2-15.0	(+1.2)-(+2.2)	13.1-14.1	0.0 -(+1.1)	38-58	75-123	36-62	72-132
b. 300-600 m elev	12.4-14.0	(+1.7)-(+2.0)	16.7-12.2	(-0.1)-(+0.6)	45-85	67-131	35-123	89-224

September 1951 (Contd.)		Precipitation		Thunder-								
Area	≥0.1 mm	≥1.0 mm	Snow	Clear	Overcast	Foggy	storms	Stormy	Icy	Frosty	Summer	
	Number of Days											
Mecklenburg												
a. Baltic islands and coastline	13-17	9-12	-	2-3	5-10	3-5	1-3	0-3	-	-	2-4	
b. Remaining area	11-15	7-11	-	2-3	3-12	0-7	0-5	0-1	-	-	3-5	
Brandenburg and Berlin	11-16	4-11	-	3-7	1-8	0-9	1-4	0-1	-	-	5-7	
Sachsen-Anhalt												
a. Up to 300 m elev	11-16	6-11	-	2-8	2-8	1-5	1-3	0-1	-	-	5-8	
b. 300-600 m elev	12-17	11-13	-	7-10	4	1-3	1	-	-	0-1	0-1	
Sachsen												
a. Up to 300 m elev	9-18	5-10	-	2-8	4-9	1-6	0-2	-	-	-	5-8	
b. 300-600 m elev	12-16	5-13	-	5-7	6-10	1-10	0-2	-	-	0-1	2-6	
Thüringen												
a. Up to 300 m elev	12-15	8-11	-	2-9	5-13	0-14	0-1	0-1	-	0-1	5-7	
b. 300-600 m elev	13-18	7-14	-	3-8	2-10	2-14	0-1	0-1	-	0-2	2-8	

GDR Weather Statistics for October 1951

Area ¹	Temperature in Degrees Centigrade				Precipitation			
	October 1951		October 1950		October 1951		October 1950	
	Average	Deviation From Average ²	Average	Deviation From Average	Total (mm)	In % of Average ³	Total (mm)	In % of Average
Mecklenburg								
a. Baltic islands and coastline	7.1-9.9	(-0.7)-(+1.3)	8.3-9.4	(+0.3)-(+0.7)	1-5	2-10	34-61	67-110
b. Remaining area	6.3-7.6	(-1.9)-(-0.9)	7.4-8.3	(-0.5)-(+0.7)	1-7	2-14	24-40	48-78
Brandenburg and Berlin	5.7-9.4	(-2.3)-(+0.1)	7.4-9.1	(-0.7)-(+0.4)	0-6	0-14	22-50	54-111
Sachsen-Anhalt								
a. Up to 300 m elev	5.5-8.8	(-3.3)-(-0.3)	7.6-8.9	(-0.8)-(-0.0)	1-21	2-41	20-39	45-93
b. 300 to 600 m elev	4.3-5.3	-(-1.4)	5.0-6.0	-(-0.7)	16-27	25-30	24-51	45-58
Sachsen								
a. Up to 300 m elev	4.7-8.6	(-1.4)-(-0.3)	7.6-8.4	(-0.9)-(-0.2)	1-8	2-15	26-49	59-98
b. 300-600 m elev	6.1-8.2	(-1.1)-(-0.1)	6.3-7.6	(-1.0)-(-0.4)	2-9	3-18	39-66	66-98
Thuringen								
a. Up to 300 m elev	5.0-7.0	(-2.5)-(-1.1)	6.7-8.1	(-0.8)-(-0.2)	6-34	13-83	25-43	51-105
b. 300-600 m elev	4.4-7.1	(-0.5)-(-0.1)	5.7-7.0	(-0.5)-(-0.1)	14-38	18-54	41-74	59-105

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October 1951 (Week 4)		Precipitation										
Area		MO. 1-10	21-30	Snow	Clear	Overcast	Foggy	Thunder- storms	Stormy	Icy	Frosty	Summer
Number of Days												
Mecklenburg												
a. Baltic islands and coastline	2-11	0-1	-	9-13	2-3	1-11	-	-	-	-	0-5	-
b. Remaining area	1-4	0-2	-	10-16	1-5	6-14	-	-	-	-	1-15	-
Brandenburg and Berlin												
	0-4	0-2	-	11-22	1-5	3-12	-	-	-	-	2-20	-
Sachsen-Anhalt												
a. Up to 300 m elev	2-4	0-2	-	10-19	2-9	4-16	-	-	0-3	-	2-17	-
b. 300-600 m elev	3-5	2	-	17-21	5-7	6-9	-	-	-	-	18-21	-
Sachsen												
a. Up to 300 m elev	2-6	0-4	-	10-20	2-5	5-15	-	-	-	-	1-17	-
b. 300-600 m elev	2-6	1-4	-	11-16	4-7	3-11	-	-	0-1	-	1-12	-
Thuringen												
a. Up to 300 m elev	2-6	2-4	-	7-16	4-9	5-26	-	-	-	-	9-20	-
b. 300-600 m elev	4-7	2-4	-	12-16	3-8	4-13	-	-	0-3	-	1-18	-

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GDR Weather Statistics for November 1951

Area ¹	Temperature in Degrees Centigrade				Precipitation			
	November 1951 Average	Deviation From Average ²	November 1950 Average	Deviation From Average ³	November 1951 Total (mm)	In % of Average ³	November 1950 Total (mm)	In % of Average ³
Mecklenburg								
a. Baltic islands and coastline	6.3-7.3	(+2.6)-(+3.2)	4.2-5.1	(+1.5)-(+1.1)	53-109	123-272	58-99	136-269
b. Remaining area	6.2-6.6	(+2.7)-(+3.1)	3.3-4.2	(+0.2)-(+0.8)	51-92	116-230	42-66	103-168
Brandenburg and Berlin	6.4-7.6	(+2.7)-(+3.7)	3.9-5.1	(+0.4)-(+1.5)	38-84	50-254	38-74	100-190
Sachsen-Anhalt								
a. Up to 300 m elev	5.4-7.7	(+2.9)-(+4.0)	4.3-5.6	(+0.6)-(+1.6)	43-96	134-253	39-105	108-228
b. 300-600 m elev	4.2-5.2	-(+3.2)	1.7-2.8	-(+0.8)	59-186	134-224	110-160	205-250
Sachsen								
a. Up to 300 m elev	6.6-7.4	(+3.3)-(+3.9)	4.0-4.9	(+0.5)-(+1.2)	41-84	93-210	40-63	85-158
b. 300-600 m elev	5.0-6.5	(+3.1)-(+3.4)	2.5-3.8	(+0.3)-(+1.0)	38-90	95-168	60-94	115-109
Thuringen								
a. Up to 300 m elev	5.6-7.1	(+2.6)-(+3.6)	4.2-5.0	(+0.7)-(+1.3)	70-91	121-227	57-83	143-268
b. 300-600 m elev	4.0-6.3	(+2.8)-(+3.7)	1.5-3.1	(+0.1)-(+1.3)	55-143	124-185	82-176	157-271

November 1951 (Cont'd)	Precipitation						Thunder-				Summer
Area	≥0.1 mm	≥1.0 mm	Snow	Clear	Overcast	Foggy	storms	Stormy	Icy	Frosty	
	Number of Days										
Mecklenburg											
a. Baltic islands and coastline	14-22	10-13	0-1	0-1	14-20	4-10	0-1	0-5	-	0-1	-
b. Remaining area	17-24	9-13	0-1	-	15-26	6-20	0-1	0-7	-	0-1	-
Brandenburg and Berlin	13-27	7-13	-	0-1	16-23	2-15	0-1	0-4	-	0-2	-
Sachsen-Anhalt											
a. Up to 300 m elev	13-24	8-13	-	0-1	16-21	1-12	-	0-11	-	0-3	-
b. 300-600 m elev	15-20	2-17	0-3	-	12-13	3-11	-	-	-	6-7	-
Sachsen											
a. Up to 300 m elev	13-19	7-12	0-1	-	12-20	1-7	0-1	0-1	-	0-1	-
b. 300-600 m elev	11-23	9-12	0-4	-	14-24	1-13	0-1	0-3	-	0-6	-
Thuringen											
a. Up to 300 m elev	14-22	8-13	0-2	0-1	4-24	2-7	-	0-6	-	0-6	-
b. 300-600 m elev	20-24	12-18	0-4	-	17-26	1-22	-	0-7	0-1	0-6	-

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NOTES

1. Total number of weather observation stations

	<u>Jul - Nov 1951</u>	<u>Jul - Nov 1950</u>
Mecklenburg		
a	7	7
b	13	11
Brandenburg and Berlin	22	22
Sachsen-Anhalt		
a	20*	18
b	2**	2
Sachsen		
a	11	9
b	8	7
Thuringen		
a	11	10
b	8	6

* In July 1951, 19 stations

** In September 1951, 3 stations

2. Average temperature computed on the basis of average temperatures during the 50-year period 1881 - 1930.

3. Average precipitation computed on the basis of precipitation averages during the 40-year period 1891 - 1930.

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