WB Form 1009

Budget Bureau Approval No. 41-R230-42

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL OBSERVERS' METEOROLOGICAL RECORD

Station Tuskegee, County Macon, State Alabama, Month January, 1948

Standard of time in use C., Latitude 32°45' N., Longitude 85°39' W., Elevation 459 ft.

Hour of observation: If once daily 5:00 pm.; if at different times, temperature ____, precipitation ____

Date	Temperature: Maximum (1)	Temperature: Minimum (2)	Temperature: [1] Set max. (3)	Precipitation (all types): Time of beginning (4)	Precipitation (all types): Time of ending (5)	Precipitation (all types): Time of beginning (6)	Precipitation (all types): Time of ending (7)	Precipitation (all types): Amount since last observation, inches and hundredths [2] (8)	Snowfall (unmelted) inches and tenths: New snow since last observation (9)	Snowfall (unmelted) inches and tenths: Total depth on ground at observation (10)	Prevailing wind direction for the day (11)	Character of day sunrise to sunset (Ave. cld.) (12): Clear (0-3)	Partly cloudy (4-7)	Cloudy (8-10)	Other weather conditions and notes including character of precipitation, as drizzle, snow, sleet, glaze, hail, thunderstorms, and high winds, frosts, fogs, duststorms, tornadoes, etc. (13)
1	69	53 61	66	"N"	"N"	1:00p	1:30p	0.57			W		✓		
2	45 65	38	45					0			W	✓			
3	56	37	50					0			W	✓			1t frost
4	61	32	50					0			W	✓			
5	55	37	52					0			W	✓			
6	63	34	57					0			NW	✓			Killing frost
7	59	30	52					0			NW	✓			Killing frost
8	67	28	60					0			W		✓		Killing frost
9	71	45	67					0			W		✓		
10	67	46	51	"Np"	"N"			0.02			N		✓		
11	54	36	49					0			E	✓			
12	63	45	62	"Np"	7:30a			0.37			SE			✓	
13	61	45	44	"Np"	"Na"			0.96			NE		✓		
14	44	28	32	11:30a	11:45	12:45	1:00p	"T"	"T"		N		✓		Scattered Snow flakes
15	44	27	44			Some temps appeared					S	✓			Killing frost
16	51	25	50			to have been		0			SE		✓		1t frost
17	47	35	32	10:00a		read 5° or 10° off.		0.28	"T"		NW			✓	Rain turning to Snow + Sleet
18	42	26	40	5:00p	"N"			0.02			NW		✓		Rain turning to Snow
19	48 49	28 31	44					0			E		✓		
20	48	40	42	"Na"	2:45p			0.20			NE			✓	1t fog
21	48	42	46	"Np"	"Na"			0.31			W			✓	1t fog
22	56	40	52					0			S			✓	
23	52	42	38					0			N			✓	
24	37	33	30	6:00p				0.55			NE			✓	Rain + freezing
25	49	24	44					0			NE		✓		
26	60	27 32	56					0			E		✓		
27	57	49	49	1:45p				1.09			N			✓	rain + fog
28	49	28	38	5:00p	"N"			0.39			NE			✓	
29	47	27	47	"Na"	9:30a			0.07			NE			✓	
30	49	27	50	"Na"				1.09			N			✓	frequent showers
31	50	32	38	5:00p	"N"			0.13			NW			✓	1t fog
1st	48 [3]	36	42					0 [3]			SW		✓		
SUM	1680	1097						5.05	T		W				

[1] Reading of maximum thermometer immediately after whirling and while hanging vertically.
[2] Including rain, hail, sleet, and melted snow. Enter on day of measurement.
[3] Enter temperature and precipitation for 1st day of following month.

(IN TRIPLICATE)

L. L. Boyd
(Observer)

Tuskegee Institute, Ala.
(P. O. address)

MONTHLY SUMMARY

(To be filled in by observer)

Dates of—

High winds ____

Glaze (freezing rain) 24

Sleet (small ice pellets) 17

Hail: light ____; moderate ____; heavy ____

Killing frost 6, 7, 8, 15

Thunderstorms ____

Fog: light (vis. 3,300 ft. or more) 20, 21, 31; moderate (vis. 1,650 to 3,299 ft.) 27; heavy (vis. less than 1,650 ft.) ____

Greatest depth of frozen ground this month ____ in.; date ____

(Not to be filled in by observer)

TEMPERATURE

Mean maximum 54.2

Mean minimum 35.4

Mean 44.8 Departure -4.4

Maximum 71; Date 9

Minimum 16; Date 18

PRECIPITATION

Total 5.05 in. departure +0.77

Greatest in any 24 hours 1.09; date 30

(Best available without splitting measurements)

SNOW

Total snowfall T in.

Greatest in any 24 hours T; date 14, 17

(Best available without splitting measurements)

Greatest depth on ground T in.; date 14, 17

NUMBER OF DAYS

Max. temp. 90° or above 0

Max. temp. 32° or below 0

Min. temp. 32° or below 11

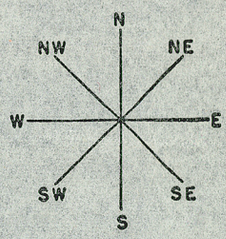
Min. temp. 0° or below 0

With 0.01 inch or more precip. 14

0.25 inch or more 8; 1.00 inch or more 1

Clear 8 Partly cloudy 11 Cloudy 12

Remarks by observer:



Station Tuskegee, Ala.

Month January, 1948

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