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 Ala, Month December, 1947

Standard of time in use C, Latitude 85° 45' N., Longitude 32° 27' 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	60	31	56					0			NW	✓			
2	65	28	56					0			N	✓			
3	73	34	66					0			E	✓			
4	73	50	67					T			SE		✓		
5	74	55	65	6:00 am	7:15 am	4:00 p	5:00 p	0.06			SW			✓	
6	72	44	62					T			W		✓		
7	74	43	66					0			S			✓	
8	67	46	61	6:30 a	12:45			0.45			SW			✓	
9	61	45	51	4:15 p				0.06			NE			✓	
10	55	48	55	5:00 p	N			1.26			NE			✓	Foggy late P early N
11	56	44	45					1.13			N			✓	Fog late P early N Freq light showers
12	46	41	44					0			N			✓	
13	45	41	43	N.a.	10:15 a			0.78			N			✓	
14	51	30	46					0			NE		✓		
15	63	41	61	"N"	12:30 p			1.11			SE		✓		
16	62	41	49					0			N	✓			
17	50	31	44					0			N			✓	Lt. frost
18	49	39	45					T			N		✓		
19	59	39	53					0			N		✓		Heavy Frost
20	61	41	58					0			NE			✓	Heavy frost
21	63	46	54					0			N			✓	Lt. frost
22	64	44	54					0			SE	✓			
23	66	46	60					0			E		✓		
24	60	45	48					0			NW			✓	
25	50	40	42					0			S			✓	
26	56	31	54					0			NW	✓			Lt. frost
27	61	31	51					0			E	✓			Lt frost
28	69	41	67	mins	appeared 10° off.			0			W	✓			
29	71	41	68					0			NW	✓			
30	67	47	65					0			NW		✓		
31	69	52	67	1:00 Pm	1:30 PM			0.12			W			✓	
1st	69 [3]	61	66	5:00 AM	9:00 AM			0.51 [3]			W				
SUM	1912	1276						4.97			N				

[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)

Wilbert Thompson (Observer)
Tuskegee Institute Ala. (P. O. address)

MONTHLY SUMMARY

(To be filled in by observer)

Dates of—
- High winds ____
- Glaze (freezing rain) ____
- Sleet (small ice pellets) ____
- Hail: light ____; moderate ____; heavy ____
- Killing frost ____
- Thunderstorms ____
- Fog: light (vis. 3,300 ft. or more) ____; moderate (vis. 1,650 to 3,299 ft.) ____; 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 61.7
Mean minimum 41.2
Mean 51.4 Departure +1.9
Maximum 74; Date 5, 7
Minimum 28; Date 2

PRECIPITATION

Total 4.97 in. departure −0.16
Greatest in any 24 hours 1.26; date 9-10
(Best available without splitting measurements)

SNOW

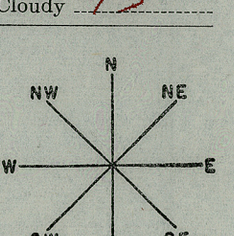
Total snowfall 0 in.
Greatest in any 24 hours ____; date ____
(Best available without splitting measurements)

Greatest depth on ground ____ in.; date ____

NUMBER OF DAYS

Max. temp. 90° or above 0
Max. temp. 32° or below 0
Min. temp. 32° or below 6
Min. temp. 0° or below 0
With 0.01 inch or more precip. 8
0.25 inch or more 5; 1.00 inch or more 3
Clear 9 Partly cloudy 9 Cloudy 13

Remarks by observer:



Station Tuskegee, Ala.
Month Dec., 1947

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