

Station Columbus Ohio Month March 1852

METEOROLOGICAL JOURNAL.

Latitude 39° 27' North Longitude 62° West from Washington Alt of Bar above Feet

1852	Barometer				Thermometer attached to Barometer				Thermometer detached in the shade and open air				Clearness of the Sky				Wind Its force and course from				Clouds Their variety and course from				Thermometer Wet Bulb		Rain			Remarks							
	Sun rise	9 A.M.	3 P.M.	9 P.M.	Sun rise	9 A.M.	3 P.M.	9 P.M.	Sun rise	9 A.M.	3 P.M.	9 P.M.	Daily Mean	Sun rise	9 A.M.	3 P.M.	9 P.M.	Sun rise	9 A.M.	3 P.M.	9 P.M.	Sun rise	9 A.M.	3 P.M.	9 P.M.	Sun rise	9 P.M.	Began	Ended		Quantity						
1																																					
2									30	37	37	36	34.5	0	0	5	10	0	0	100	0																
3									30	32	32	29	30.25	0	0	1	10	wy	wy	wy	0	wy	wy	wy	0												
4									17	27	27	28	28.75	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5									30	33	33	33	34	0	0	0	0	32	32	0	0		wy	wy													
6									52	34	34	34	35.5	0	0	1	0	10	10	0	0																
7									31	33	33	33	34	0	0	4	10	27	25	wy	0																
8									37	34	34	33	34.25	10	10	5	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9									38	36	37	33	36	0	0	3	5	27	27	wy	0																
10									17	38	33	32	37.25	0	0	0	0	wy	swz	wz	wy	wy	swz	swz	swz	0											
11									37	42	32	34	41.5	0	0	5	5	wy	wy	wy	0	wy	wy	wy	0												
12									27	47	61	57	62	10	10	0		27	27	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13									57	56	59	56	56.5	0	0	0	0	27	27	wy	0	wy		wy	0												
14									58	55	73	66	68.75	0	0	4	10	wy	wy	wy	swz	wy	wy	wy	0												
15									24	67	77	62	69	5	5	5	10	swz	swz	swz	swz	wy	swz	swz	0												
16									43	60	55	48	59.25	10	10	10	10	swz	swz	swz	swz	wy	swz	swz	0												
17									37	47	63	48	48.75	10	10	10	10	swz	swz	swz	swz	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18									60	44	37	27	35.75	10	5	2	10	swz	swz	wz	wz	0	wy	wy	0												
19									20	26	30	26	26.5	0	1	5	10	wy	wy	swz	0	wy	wy	wy	0												
20									13	18	27	13	17.75	10	10	4	10	swz	swz	swz	swz	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21									8	14	29	27	28.5	10	10	5	10	swz	swz	swz	swz	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22									26	27	33	27	29.25	0	0	0	0	swz	swz	wz	wy																
23									27	32	36	42	39.5	0	0	0	0	swz	swz	wy	wy	wy	wy	wy	0												
24									32	36	47	47	43.5	0	0	4	10	wy	wy	wy	0	wy	wy	wy	0												
25									32	34	58	35	44.5	0	5	5	10	wy	wy	wy	0			wy	0												
26									33	43	68	63	60.25	0	5	10	27	27	wy	0																	
27									18	60	75	42	59.25	0	0	0	0	5	5	swz	swz																
28									33	35	34	36	37.5	0	0	0	4	27	27	wy	0																
29									34	40	43	40	39.25	0	0	0	4	27	27	27	0																
30									40	47	60	43	49	0	0	0	0	27	27	wy	0																
31									48	36	69	62	55.75	0	0	0	0	27	27	wy	wy	wy	wy	wy	0												
Monthly Mean									35.5	40.75	44	40.84	40.5	39.75	2.75	2.75	4	5.25																			

Every person to whom this form may be sent is requested to keep a journal of the winds and weather even if he has no Barometer or Thermometer, and forward it monthly to the 'NAVY DEPARTMENT' Washington, D.C. with the endorsement 'Meteorology on the corner of the envelope. The wet bulb observations are made by wetting a thin ray placed around the bulb of the thermometer and fanning it in the shade till it falls as low as it will in the open air. The force of the wind is estimated in numbers 0 being a calm, 1 a very gentle breeze, 2 a gentle breeze, 3 a fresh breeze, 4 a strong wind, 5 a very strong wind, 6 a violent storm &c. The numbers are put after the course - thus, for example, if the wind is from the S.W. strong it will be set down S.W. 4. The clouds will be marked in the same way. If for example they have a very gentle motion from the West they will be marked W. The clearness of the sky will also be marked in numbers, 0 representing entire purity, 1 a slight degree of clearness and so on till 10 entire clearness. The dew point is the highest temperature at which the vapor in the open air will condense on a bright metallic or thin glass tumbler of water cooled down by ice, or pulverized muriate of ammonia, and nitrate of potash in equal quantities. The higher the dew point the more vapor there is in the air.

A B The thermometer should be placed in the open air in the shade, and not exposed to any reflected heat, and so of the wet-bulb. The operation of fanning the wet-bulb may be omitted when the wind is blowing.

Observer's name Thos. Wormly

METEOROLOGICAL JOURNAL

30 115
feet

Station Columbus Dis. Month May 1882 Latitude 32° 57' North Longitude 6° West from Washington Alt of Bar above

1852	Barometer				Thermometer attached to Barometer				Thermometer detached in the shade and open air				Clearness of the Sky				Wind Its force and course from				Clouds Their velocity and course from				Thermometer Wet Bulb			Rain			Remarks
	Sun rise	9 A.M.	3 P.M.	0 P.M.	Sun rise	9 A.M.	3 P.M.	0 P.M.	Sun rise	9 A.M.	3 P.M.	0 P.M.	Sun rise	9 A.M.	3 P.M.	0 P.M.	Sun rise	9 A.M.	3 P.M.	0 P.M.	Sun rise	9 P.M.	Began	Ended	Quantity						
																										Mean	Mean	Mean	Mean	Mean	
1					58	63	76	67	64.25	10	10	5	10	swy	sws	sws	0	0	0	0	0	0									
2					55	58	70	61	58.75	10	10	5	0	0	0	0	0	0	0	0	0	0									
3					61	57	57	57	57	5	5	7	9	sw	sw	sw	0	0	0	0	0	0				21 East night					
4					62	55	55	69	55	10	10	10	10	sw	sw	sw	0	0	0	0	0	0									
5					63	60	65	57	61.5	10	10	10	10	0	0	0	0	0	0	0	0	0									
6					57	63	57	61	60.25	10	10	9	9	0	0	sw	0	0	0	0	0	0									
7					56	67	65	69	69	9	5	7	0	5	swy	sws	0	0	0	0	0	0									
8					60	74	67	71	71	9	8	7	7	swy	swy	swy	0	sw	sw	swy	0	0									
9					63	76	63	66	65.5	5	5	0	0	0	0	sw	0	0	0	0	0	0				2 East night					
10					62	68	75	67	69.75	0	7	5	0	0	0	sw	0	0	0	0	0	0				618 Sunday day					
11					64	67	62	58	62.25	1	0	0	0	sw	sw	swy	0	sw	sw	swy	0	0									
12					60	59	76	66	62.5	10	10	10	10	0	0	0	0	0	0	0	0	0									
13					63	65	51	70	62.75	10	5	5	0	swy	sw	sw	0	0	0	0	0	0									
14					65	70	76	63	68.5	3	5	0	5	swy	sws	sws	swy	sws	sws	sws	swy	0				27 East night & sunny day					
15					63	67	76	68	68.5	0	1	5	5	sws	swy	swy	0	sws	sws	swy	swy	0				21 Sunday day					
16					62	65	56	64	70.5	7	5	7	2	sw	sw	swy	swy	sw	sw	swy	swy	0				21 Sunday day					
17					56	57	64	55	57.5	2	2	7	6A	swy	sws	sws	swy	swy	swy	swy	0					7 East night					
18					39	57	67	55	55	10	10	5	10	sws	swy	sws	0	0	0	0	0	0									
19					47	54	58	67	57.5	5	5	0	0	swy	swy	sw	0	swy	swy	swy	0					15 Sunday day					
20					37	62	61	57	65	10	10	10	10	swy	swy	sw	0	0	0	0	0	0									
21					47	55	72	57	56.5	10	10	5	5	sw	sw	sw	0	0	0	0	0	0									
22					56	61	57	57	57.25	3	2	0	0	sw	0	sw	0	sw	sw	swy	0						2				
23					57	61	72	63	62.5	0	0	5	0	sw	sw	sw	0	0	0	0	0	0					14				
24					63	65	57	60	62.5	5	6	5	5	0	0	sw	0	0	0	0	0	0									
25					61	69	64	70	72.5	10	5	5	10	0	0	sw	0	0	0	0	0	0									
26					67	70	76	63	73.5	0	0	0	0	sw	sw	sw	0	0	0	0	0	0									
27					61	73	57	69	71.75	0	0	3	10	swy	swy	swy	0	swy	swy	swy	0					16 East night & day					
28					69	72	57	73	76.75	10	8	0	10	0	swy	sw	0	0	0	0	0	0									
29					68	84	63	76	74.25	0	0	0	7	swy	swy	sw	0	0	0	0	0	0									
30					67	73	67	78	76.75	10	10	7	10	sw	sw	sw	0	0	0	0	0	0									
31					70	74	65	72	76.25	10	5	7	10	sw	sw	sw	0	0	0	0	0	0									
Mean					766	797	768	794	786.5	194																	4.36				

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N.B. The thermometer should be placed in the open air in the shade, and not exposed to any reflected heat, and so of the wet-bulb. The operation of fanning the wet-bulb may be omitted when the wind is blowing.

11/20/6
1875

Observers name The J. W. Worsley