

METEOROLOGICAL JOURNAL.

House Lake Erie 306 feet

Station Columbus Ohio Month January

Latitude 39° 57' North

Longitude 82° 58' from Washington City 23 London Alt. of Bar. above Sea Level 296 feet

Table with columns for Year (1845), Barometer (Sun rise, 9 A.M., 3 P.M., 9 A.M.), Thermometer attached (Sun rise, 9 A.M., 3 P.M., 9 A.M.), Thermometer detached (Sun rise, 9 A.M., 3 P.M., 9 A.M., Daily Mean), Clearness of the Sky (Sun rise, 9 A.M., 3 P.M., 9 A.M.), Wind (Sun rise, 9 A.M., 3 P.M., 9 A.M.), Clouds (Sun rise, 9 A.M., 3 P.M., 9 A.M.), Thermometer Wet Bulb (Sun rise, 3 P.M.), Rain (Began, Ended, Quantity), and Remarks.

Monthly Mean: 34.2, 36.5, 41.7, 26.9

Every person into whose hands this form shall fall 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 Surgeon General U.S. Army, Washington, D.C. with the endorsement 'Meteorology on the corner of the envelope. The wet-bulb is ascertained by putting a thin wet rag round the bulb of the thermometer and swinging 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 just after the course thus - if the wind for example is from the S.W. strong it will be set down S.W.4. The 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 just after the course thus - if the wind for example is from the S.W. strong it will be set down S.W.4. The 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 just after the course thus - if the wind for example is from the S.W. strong it will be set down S.W.4.

Mean: 37.40

Observers name Lewis Kennedy & G. L. Garrison

METEOROLOGICAL JOURNAL.

Station *Columbus Ohio* Month *April*

Latitude *39° 57' North*

Longitude *West 82° 54' 30" West* *From Washington to St. Louis* Alt. of Bar above the Atlantic *600 feet*

Aban Lake Erie 300 feet

1845	Barometer.				Thermometer attached.				Thermometer detached. In the shade and open air.				Clearness of the Sky.				Wind. Its force and course from.				Clouds Their extent and course from.				Thermometer Wet Bulb.			Rain.			Remarks.		
	Sun rise	9 A.M.	3 P.M.	9 A.M.	Sun rise	9 A.M.	3 A.M.	9 A.M.	Sun rise	9 A.M.	3 P.M.	9 A.M.	Daily Mean	Sun rise	9 A.M.	3 P.M.	9 A.M.	Sun rise	9 A.M.	3 P.M.	9 A.M.	Sun rise	9 A.M.	3 P.M.	Sun rise	3 P.M.	Began	Ended	Quantity				
	1	2895	2900	2910	2905	62	68	70	60	36	40	37	40	42	0	0	5	5	102	102	102	107	102	102	102	101							
2	2895	2910	2910	2910	57	66	72	52	45	54	62	52	54	5	7	4	5	102	102	102	107	102	102	102	101							<i>A Pious day,</i>	
3	2892	2892	2910	2895	66	68	72	68	44	52	62	60	56	0	0	8	8	101	101	102	107	102	102	102	101							<i>A fair day</i>	
4	2890	2910	2910	2910	61	76	76	68	60	57	63	56	60	5	5	8	8	102	102	102	107	102	102	102	101							<i>Pleasant</i>	
5	2915	2915	2910	2910	60	70	71	62	44	46	53	43	46	5	5	8	8	102	102	102	107	102	102	102	101							<i>Rather Cool</i>	
6	2915	2915	2895	2895	53	64	60	52	52	38	46	40	39	10	10	10	10	102	102	102	107	102	102	102	101							<i>Blustery</i>	
7	2892	2890	2895	2910	44	60	57	34	44	47	30	28	28	10	16	5	5	102	102	102	107	102	102	102	101							<i>Very Breezy</i>	
8	2925	2920	2925	2920	44	58	62	57	37	39	29	29	29	10	10	7	10	102	102	102	107	102	102	102	101							<i>Wind</i>	
9	2925	2925	2910	2910	46	57	57	50	27	36	53	42	52	8	0	0	10	102	102	102	107	102	102	102	101							<i>Pleasant</i>	
10	2895	2887	2818	2895	58	63	71	63	53	53	71	53	53	10	10	5	8	101	102	102	107	102	102	102	101							<i>Pleasant</i>	
11	2915	2910	2910	2910	56	68	72	62	36	36	60	42	48	10	1	8	10	102	102	102	107	102	102	102	101							<i>High winds & very dusty</i>	
12	2922	2920	2922	2915	53	66	69	61	39	48	61	52	57	10	8	5	5	101	101	102	107	102	102	102	101							<i>A fine day</i>	
13	2912	2910	2890	2910	51	61	70	45	70	84	68	60	62	5	5	0	0	101	102	102	107	102	102	102	101							<i>do</i>	
14	2915	2915	2915	2910	66	72	74	70	55	60	68	67	62	5	5	0	0	101	102	102	107	102	102	102	101							<i>showers in the afternoon (very warm)</i>	
15	2915	2917	2915	2915	66	72	74	55	54	63	77	68	0	3	0	0	0	101	101	101	107	102	102	102	101							<i>Cloudy</i>	
16	2885	2885	2885	2885	70	74	72	61	70	65	72	63	63	0	0	0	0	101	102	102	107	102	102	102	101							<i>Warm</i>	
17	2885	2891	2894	2892	71	75	72	61	72	86	71	72	5	5	5	0	0	101	102	102	107	102	102	102	101							<i>Rainy 4/10 in</i>	
18	2915	2912	2910	2910	64	76	80	74	67	76	80	63	63	5	8	0	0	101	102	102	107	102	102	102	101							<i>Warmest day this season</i>	
19	2891	2910	2910	2910	72	85	78	63	71	72	80	66	0	0	5	5	5	102	102	102	107	102	102	102	101							<i>Pleasant</i>	
20	2905	2915	2915	2910	61	70	74	68	50	60	68	52	52	10	10	10	8	102	102	102	107	102	102	102	101							<i>do</i>	
21	2905	2915	2910	2910	63	68	74	72	45	65	74	71	62	10	10	10	10	101	101	101	107	102	102	102	101							<i>do</i>	
22	2895	2895	2892	2892	67	72	72	55	72	82	71	69	10	10	0	0	5	102	102	102	107	102	102	102	101							<i>do</i>	
23	2891	2892	2895	2895	71	76	76	75	61	78	66	68	63	5	5	0	0	102	102	102	107	102	102	102	101							<i>do</i>	
24	2910	2910	2915	2897	72	72	78	79	62	65	83	81	72	5	0	0	5	101	101	102	107	102	102	102	101							<i>A Shower in the afternoon rain 4/10 in</i>	
25	2895	2895	2895	2890	72	78	78	74	65	71	63	71	68	0	1	5	5	101	101	102	107	102	102	102	101							<i>showers rain 1/10 in</i>	
26	2890	2890	2880	2880	69	74	78	76	53	67	80	76	69	5	5	5	5	101	101	102	107	102	102	102	101							<i>do rain 1/10 in</i>	
27	2890	2891	2891	2900	72	73	77	74	62	63	73	70	67	0	0	0	0	102	102	102	107	102	102	102	101							<i>Pleasant</i>	
28	2910	2910	2915	2905	70	72	76	76	60	63	72	68	65	0	0	5	5	101	101	102	107	102	102	102	101							<i>Thunder & rain</i>	
29	2915	2915	2900	2917	70	75	80	81	61	70	85	82	74	10	10	5	5	101	101	101	107	102	102	102	101							<i>showers in the morning</i>	
30	2910	2910	2915	2910	70	80	85	82	65	80	87	73	72	5	5	5	0	101	102	102	107	102	102	102	101							<i>Pleasant</i>	
31																																	
Monthly Mean									59.3	59.6	66.1	59.6																					62.5

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Mean - 59.40

Observers name *J. Grewitt State Librarian*
 Evening Observations were taken at 6 o'clock instead of 9 o'clock P.M.
 from the 12th inst.

METEOROLOGICAL JOURNAL.

Station *Columbus Ohio* Month *September*

Latitude *39° 57'*

Longitude *West 81° from Washington* *London* *Above Lake Erie 209*
 Alt. of Bar. above the Atlantic *824 feet*

1885	Barometer.			Thermometer attached.				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.	9 A.M.	9 A.M.	3 P.M.	9 A.M.	Sun rise	9 A.M.	3 P.M.	9 A.M.	Daily Mean	Sun rise	9 A.M.	3 P.M.	9 A.M.	Sun rise	9 A.M.	3 P.M.	9 A.M.	Sun rise	3 P.M.	Began	Ended	Quantity									
1		29.0	28.85		78	85		75	85				5	5			W	10			W	10					6 P.M.	8 P.M.	1/4 in	Barometer fell from 29.0 at 2 P.M. to 28.85 at 9 P.M. & cold & stormy rain and sleet at 6 o'clock say 1/4 in.				
2		28.5	28.7		80	82		74	82				5	5			W	10			W	10					6 P.M.							
3		28.8	28.85		76	79		72	75				5	5			W	8			W	8												
4		28.9	28.9		77	80		75	79				5	5			W	10			W	10												
5		29.10	29.10		78	77		68	74				10	5			W	10			W	10												
6		29.15	29.10		84	81		70	80				10	10			W	10			W	10												
7		28.92	28.9		82	80		70	78				5	5			W	10			W	10												
8		29.15	29.05		86	78		70	75				5	5			W	10			W	10												
9		29.02	29.02		78	80		70	77				15	5			W	10			W	10												
10		29.22	29.21		80	74		62	69				10	10			W	10			W	10												
11		29.22	29.20		74	74		64	70				5	5			W	10			W	10												
12		29.25	29.25		72	73		60	71				5	5			W	10			W	10												
13		29.11	29.1		71	73		74	71				5	5			W	10			W	10												
14		28.82	28.98		69	72		67	71				5	5			W	10			W	10												
15		29.10	29.05		71	73		69	73				5	10			W	10			W	10												
16		29.12	29.18		72	76		74	73				10	8			W	10			W	10												
17		29.10	29.10		72	77		70	82				10	5			W	10			W	10												
18		29.10	29.15		76	79		76	81				10	8			W	10			W	10												
19		29.02	28.93		74	76		70	77				1	5			W	10			W	10												
20		28.82	28.68		73	78		73	79				5	10			W	10			W	10												
21		28.45	28.95		69	69		57	53				5	5			W	10			W	10												
22		29.10	29.15		64	65		55	63				10	5			W	10			W	10												
23		28.85	28.95		67	62		61	59				3	5			W	10			W	10												
24		29.22	29.20		72	71		52	61				5	5			W	10			W	10												
25		29.20	29.15		70	64		64	59				5	5			W	10			W	10												
26		29.05	29.00		64	68		64	68				5	5			W	10			W	10												
27		29.12	29.10		68	74		62	70				5	5			W	10			W	10												
28		29.09	29.09		65	72		63	73				5	5			W	10			W	10												
29		29.25	28.98		72	75		73	80				5	5			W	10			W	10												
30		28.80	28.78		74	72		65	53				5	5			W	10			W	10												
31																																		
Monthly Mean								66.25	72.19				67.19																					

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Mean: 69.18

Will Mr. Esq. Please forward me some more forms as my supply is exhausted yours &c. [Signature]

Observers name J. Seiner State Librarian

3.63