

LATITUDE 39° 40' N LONGITUDE 75° 36' W ELEVATION (GROUND) 74 FT. STANDARD TIME USED: EASTERN WBAN #13781

DATE	TEMPERATURE ° F							WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG X 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW. ICE PELLETS OR ICE ON GROUND AT 07AM IN.	PRECIPITATION		STATION PRESSURE IN. ELEV. FEET M.S.L.	WIND				SUNSHINE		SKY COVER TENTHS		DATE										
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS				WATER EQUIVA- LENT IN	SNOW. ICE PELLETS IN.		RESULTANT DIRECTION	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE M.P.H.	HOURS AND TENTHS	PERCENT OF POSSIBLE	SUNSHINE TO MIDNIGHT	SUNSHINE TO MIDNIGHT											
						HEATING	COOLING															DIRECTION	SPEED	DIRECTION							
																									BASE 65°	7A	7B				
																												8	9	10	11
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22									
1	52	47	50*	-7	42	15	0	1		.43	0	30.10	12	8.5	9.5	14	14			10	10	1									
2	66	47	57	-1	46	8	0	1	8	0	0	30.01	35	5.0	7.6	12	31			8	7	2									
3	72	42*	57	-1	43	8	0	0	0	0	0	29.95	22	6.4	8.8	14	23			7	10	3									
4	57	49	53	-6	48	12	0	1		.92	0	29.64	13	4.2	10.1	18	06			10	6	4									
5	62	48	55	-4	43	10	0	0	0	0	0	29.74	01	7.1	12.1	17	07			8	7	5									
6	66	45	56	-3	48	9	0	1	8	.14	0	29.75	20	4.9	7.6	18	17			9	7	6									
7	70	50	60	1	44	5	0	0	0	0	0	29.83	33	9.9	11.9	18	32			6	5	7									
8	75	46	61	1	39	4	0	0	0	0	0	30.00	26	7.7	5.9	15	17			1	2	8									
9	74	50	62	2	48	3	0	1	8	0	0	30.03	19	4.2	5.2	12	18			9	8	9									
10	73	53	63	3	47	2	0	0	0	0	0	29.99	17	6.1	8.3	17	18			5	5	10									
11	72	48	60	4	47	5	0	0	0	0	0	29.91	17	7.7	7.9	20	17			2	2	11									
12	76	53	65	4	54	0	0	1	3	.85	0	29.86	17	8.1	9.2	18	16			9	8	12									
13	76	58	67	6	58	0	2	1	3	1.05	8	29.80	26	3.0	6.5	21	27			9	9	13									
14	79	56	68	6	53	0	3	0	0	0	0	29.88	36	4.1	10.1	20	18			4	6	14									
15	77	57	67	5	58	0	2	1	8	.07	0	29.88	17	9.6	9.9	18	17			9	9	15									
16	77	59	68	6	57	0	3	1	0	.65	0	29.82	34	4.6	7.8	12	31			9	8	16									
17	75	53	64	1	50	1	0	0	0	0	0	30.07	12	5.7	9.5	16	13			9	8	17									
18	68	58	63	0	57	2	0	1	8	.03	0	29.94	09	6.4	7.3	12	10			10	10	18									
19	78	59	68	5	59	0	3	1	8	0	0	29.84	22	2.3	6.3	12	18			6	5	19									
20	85	60	73	9	61	0	8	1	8	0	0	29.88	19	5.8	6.2	14	17			4	4	20									
21	85	62	74	10	64	0	9	3	8	.19	0	29.87	17	4.1	6.5	10	19			8	9	21									
22	85	65	75	11	65	0	10	1	3	.28	0	29.88	17	5.2	9.2	17	16			3	6	22									
23	82	65	74	9	64	0	9	2	8	0	0	29.88	16	6.1	7.3	14	19			4	5	23									
24	86*	68	77*	12	67	0	12	2	8	0	0	29.81	18	4.9	6.9	13	17			6	6	24									
25	73	56	65	0	55	0	0	1	8	0	0	30.03	06	12.2	13.1	25	06			10	9	25									
26	75	55	65	-1	57	0	0	0	0	0	0	29.93	17	3.4	7.6	12	20			8	7	26									
27	85	65	75	9	62	0	10	2	8	0	0	29.73	29	6.5	8.1	16	31			6	6	27									
28	81	58	70	4	50	0	5	0	0	0	0	29.90	32	5.5	6.9	13	30			4	3	28									
29	81	56	69	2	53	0	4	0	0	0	0	29.99	17	4.0	7.1	15	18			10	8	29									
30	76	66	71	4	63	0	6	1	8	.71	0	29.83	17	10.5	10.8	18	18			10	10	30									
31	83	69	76	9	68	0	11	1	8	.33	0	29.72	20	8.3	9.1	16	23			10	10	31									
SUM		SUM				TOTAL		TOTAL		TOTAL		TOTAL		FOR THE MONTH:				TOTAL		X		SUM		SUM							
2322		1722				84		97		NUMBER OF DAYS		5.65		0		29.89		17		2.1		8.4		25		06					
AVG.		AVG.				AVG.		DEP.		PRECIPITATION		DEP.										DATE: 25		POSSIBLE		MONTH					
74.9		55.5		65.2		2.8		5.4		-44		49		.01 INCH		12										7.2		6.9			
SEASON TO DATE								SNOW. ICE PELLETS ≥ 1.0 INCH				GREATEST IN 24 HOURS AND DATES				GREATEST DEPTH ON GROUND OF SNOW. ICE PELLETS OR ICE AND DATE															
NUMBER OF DAYS								TOTAL				TOTAL				TOTAL				TOTAL											
MAXIMUM TEMP.								47.97				97				THUNDERSTORMS				4											
MINIMUM TEMP.								30				3				HEAVY FOG X				3											
D								0				-143				49				CLEAR 3				PARTLY CLOUDY 10				CLOUDY 18			

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

A. M. HOUR ENDING AT												P. M. HOUR ENDING AT											
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
T				T	.03	.13	.04	.06	.06	T	.01	T	.02	.02	.03	.01	.01	.01	T	T	T	T	
2	T		T	T	T			T															
3																							
4	T	.06	.08	.04	.12	.10	.16	.19	.04	.08	.02	.01	.02	T	T	T	T	T			T	T	T
5																							
6										T	T					.08	.02	.04					
7																							
8																							
9																							
10																							
11																							
12																							
13	.54	.03														.36	.10	T	.23	.16	.27	.10	.03
14																							
15																		T	T	T	T	T	.07
16	.07	.24	.18	.04	T	.01	.04	.03	.02	.02	T												
17																							
18	T	T		T	T	.03	T				T	T										T	T
19																							
20																							
21								T	.11											T	.01	.01	.06
22	.12	.16	T																				
23																							
24																							
25				T					T	T	T		T	T									
26																							
27																							
28																							
29								.05	.25	.31	.02												
30													T	T	T	.08	T						
31																				T	T	T	.33

WILMINGTON, DELAWARE

EXTREME TEMPERATURES FOR THE MONTH, MAY BE THE LAST
OF MORE THAN ONE OCCURRENCE.

- BELOW ZERO TEMPERATURE OR NEGATIVE DEPARTURE FROM
NORMAL.

* * * * * TO AT ALASKAN STATIONS.

* * * * * ALSO ON AN EARLIER DATE, OR DATES.

X HEAVY FOG RESTRICTS VISIBILITY TO 1/4 MILE OR LESS.

1 IN THE MONTHLY PRECIPITATION TABLE AND IN COLUMNS
9, 10, AND 11 INDICATES AN AMOUNT 100 SMALL TO
MEASURE

THE SEASON FOR DEGREE DAYS BEGINS WITH JULY FOR HEATING
AND JANUARY FOR COOLING.

DATA IN COLUMNS 6, 12, 13, 14, AND 15 ARE BASED ON 8
OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.

WIND DIRECTION AND FORCE ARE THOSE FROM WHICH THE WIND BLOWS.
RESULTANT WIND IS THE VECTOR SUM OF WIND DIRECTIONS
AND SPEEDS DIVIDED BY THE NUMBER OF OBSERVATIONS.

FIGURES FOR DEGREE DAYS ARE TENS OF DEGREES FROM TRUE
NORTH, I.E., 09-EAST, 18-SOUTH, 27-WEST, 36-NORTH.

WIND DIRECTION AND FORCE GIVEN ARE IN TENS OF DEGREES
IN COL. 17. ENTRIES IN COL. 16 ARE FASTEST OBSERVED
1-MINUTE SPEEDS. IF THE / APPEARS IN COL. 17, SPEEDS
ARE GUSTS.

* * * * * ANY TRENDS DETECTED WILL BE EXPRESSED AND CHANGES IN
SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY.

SUBSCRIPTION PRICE: LOCAL CLIMATOLOGICAL DATA \$2.55 PER YEAR INCLUDING ANNUAL ISSUE IF PUBLISHED. FOREIGN MAILING \$2.10 EXTRA. SINGLE COPY: 20¢ FOR MONTHLY ISSUE; 15¢ FOR ANNUAL SUMMARY. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS AND ORDERS TO NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.

I CERTIFY THAT THIS IS AN OFFICIAL
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IS COMPILED FROM RECORDS ON FILE AT
THE NATIONAL CLIMATIC CENTER, ASHE-
VILLE, NORTH CAROLINA. 28801

William H. Haggard

DIRECTOR, NATIONAL CLIMATIC CENTER

SUMMARY BY HOURS

HOUR	LOCAL TIME	SKY COVER	STATION PRESSURE IN.	AVERAGES						RESULTANT WIND	
				TEMPERATURE			RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.	
				AIR °F	BULB °F	DEW PT. °F					
01	6	29.89	59	56	53	80	6.6	23			
04	7	29.88	57	54	52	83	5.9	02	1.0		
07	7	29.91	60	56	53	81	6.9	03	2.2		
10	7	29.92	67	60	55	67	9.0	10	1.9		
13	8	29.89	72	62	55	57	10.8	17	4.6		
16	7	29.86	72	62	54	55	10.7	18	4.9		
19	7	29.86	67	59	54	66	9.8	18	5.4		
22	6	29.89	62	58	55	77	7.3	18	3.7		

OBSERVATIONS AT 3-HOUR INTERVALS

HOUR	TEMPERATURE				WIND				TEMPERATURE				WIND				TEMPERATURE				WIND									
	AIR ° F		WET BULB ° F		DIR		SPEED		AIR ° F		WET BULB ° F		DIR		SPEED		AIR ° F		WET BULB ° F		DIR		SPEED							
	SKY COVER	CEILING	WIND DIR	WIND SPEED	SKY COVER	CEILING	WIND DIR	WIND SPEED	SKY COVER	CEILING	WIND DIR	WIND SPEED	SKY COVER	CEILING	WIND DIR	WIND SPEED	SKY COVER	CEILING	WIND DIR	WIND SPEED	SKY COVER	CEILING	WIND DIR	WIND SPEED						
01	10	50	15	50	43	35	57	14	5	10	3	4	4	47	45	44	89	08	7	0	UNL	10	47	45	43	86	25	7		
04	10	39	15	48	41	44	37	59	09	7	10	6	1	4	46	45	43	92	02	5	0	UNL	10	47	45	40	88	31	5	
07	10	48	4	48	45	42	80	08	8	10	6	1	1	48	47	46	93	34	6	0	UNL	15	50	47	43	77	30	4		
10	10	32	6	40	48	46	44	86	08	9	10	7	5	8	51	49	47	86	33	7	2	UNL	20	57	52	38	55	20	4	
13	10	6	1	8	LF	48	46	44	86	14	10	22	8	9	59	54	49	70	33	9	10	UNL	20	71	56	44	39	20	12	
16	10	4	1	8	LF	48	46	45	89	12	11	8	48	10	64	56	50	61	36	9	10	250	12	69	56	45	42	23	12	
19	10	4	2	8	LF	48	46	45	89	15	11	0	UNL	9	60	54	49	67	19	3	10	150	12	60	54	48	65	15	8	
22	10	6	1	8	LF	48	46	45	89	10	5	0	UNL	9	51	46	41	69	29	7	10	75	12	60	53	46	60	10	9	
DAY 02																														
01	10	75	7	RF	53	49	46	77	25	13	10	15	15	50	47	44	80	05	15	0	UNL	7	48	46	43	83	26	3		
04	10	15	5	RF	49	47	46	89	15	4	10	21	15	49	46	43	80	07	9	10	9	4	49	47	46	89	22	4		
07	10	6	2	RF	51	50	49	93	11	10	10	23	15	52	47	42	69	04	9	10	25	7	59	54	49	70	26	10		
10	10	7	4	RF	55	53	52	90	17	14	8	95	20	57	50	43	60	32	9	10	250	10	65	57	50	59	18	13		
13	10	3	2	RF	55	54	53	93	00	10	7	48	20	61	52	43	52	30	14	10	44	8	62	55	49	63	15	10		
16	10	9	1	8	F	52	50	48	86	05	11	3	UNL	15	56	49	41	57	31	8	5	UNL	5	57	55	53	67	12	5	
19	10	12	10	8	F	51	48	46	80	06	11	0	UNL	15	51	47	44	77	27	5	10	32	4	56	54	52	80	00	0	
DAY 03																														
01	10	110	12	57	53	50	78	31	4	0	UNL	30	55	51	47	75	20	4	2	UNL	20	57	50	43	60	18	3	7		
04	10	110	9	55	53	51	86	00	0	0	UNL	25	52	48	44	74	00	0	4	UNL	20	54	50	46	75	00	0	0	0	
07	10	110	8	56	53	51	83	34	4	0	UNL	13	55	51	47	75	19	4	3	UNL	10	59	56	53	81	13	9	9		
10	10	110	12	68	57	47	47	16	4	0	UNL	15	65	57	50	59	16	10	10	250	15	69	62	58	68	17	9	9		
13	10	110	15	72	57	47	38	16	10	6	UNL	15	71	60	51	49	18	13	10	55	15	73	63	56	55	16	15	10		
16	10	110	15	67	54	42	40	18	15	6	250	15	71	57	45	39	17	6	10	120	12	73	64	59	62	16	16	16		
19	10	110	15	63	52	41	45	17	14	5	UNL	15	64	55	48	56	17	12	10	23	3	65	60	57	55	24	7	7		
22	10	110	15	58	54	51	78	17	7	0	UNL	15	59	53	47	65	16	6	10	34	2	62	60	59	60	19	5	5		
DAY 04																														
01	10	14	3	62	60	59	90	16	8	10	150	7	57	55	54	90	33	6	6	UNL	5	59	58	57	93	00	0	0	0	
04	10	16	4	61	60	59	93	18	4	6	130	10	57	55	54	83	33	10	5	UNL	4	57	55	54	90	18	4	4		
07	10	16	4	62	60	59	90	00	0	0	UNL	12	62	56	52	70	35	10	9	250	2	62	60	58	87	19	5	5		
10	10	22	7	67	62	59	76	15	3	0	UNL	15	67	62	52	50	34	12	7	UNL	6	71	64	60	68	14	8	8		
13	10	26	7	71	63	58	64	30	8	7	UNL	20	77	63	53	43	04	11	10	250	8	76	65	59	56	16	14	14		
16	10	45	7	71	63	58	64	25	6	9	UNL	15	78	62	51	38	06	4	9	250	8	71	63	58	64	18	12	12		
19	10	140	11	60	57	55	84	31	11	8	UNL	10	66	60	55	68	17	12	10	130	8	67	62	58	73	17	13	13		
22	10	25	7	60	58	56	87	27	5	7	UNL	9	61	59	57	87	17	5	10	95	6	63	60	58	84	17	12	12		
DAY 05																														
01	10	15	2	61	59	58	90	17	8	1	UNL	15	58	52	47	67	32	5	10	100	7	60	57	54	81	06	7	7		
04	10	3	1	62	61	60	93	36	5	0	UNL	15	56	51	47	72	34	5	10	8	1	59	57	55	87	06	5	5		
07	10	4	1	61	59	58	90	34	7	10	UNL	7	64	57	51	63	06	7	10	5	1	60	58	56	87	07	7	7		
10	10	55	15	64	61	59	84	03	5	8	UNL	9	71	60	51	49	13	13	10	8	2	64	61	59	84	09	6	6		
13	10	60	10	72	63	58	62	35	8	10	250	15	74	59	48	40	14	13	10	11	3	66	62	60	81	10	10	10		
16	10	250	8	77	65	57	50	31	9	10	120	12	72	60	50	46	13	8	10	44	4	67	61	57	70	11	6	6		
19	10	8	8	71	62	55	57	29	7	10	110	10	64	58	54	70	17	8	10	28	7	67	60	56	67	6	6	6		
22	10	4	UNL	63	56	50	63	36	5	10	100	12	62	57	54	75	10	7	9	80	4	62	59	57	84	18	4	4		
DAY 06																														
01	10	3	UNL	59	57	55	90	33	4	0	UNL	6	54	52	60	87	00	0	7	UNL	7	65	61	59	81	18	5	5		
04	10	8	1	59	57	55	90	33	4	5	UNL	6	61	59	58	90	00	0	10	UNL	7	63	61	60	90	00	0	0	0	
07	10	6	1	61	59	57	87	31	5	0	UNL	7	64	62	60	87	00	0	10	UNL	7	66	63	62	87	23	4	4		
10	10	4	1	61	59	57	87	31	5	0	UNL	7	77	68	65	67	19	8	10	120	6	70	66	64	81	06	6	6		
13	10	41	8	68	68	62	50	20	4	6	UNL	8	83	69	61	48	22	9	10	250	5	80	72	68	67	16	9	9		
16	10	4	UNL	77	67	61	58	18	10	10	UNL	8	82	69	62	51	19	10	5	UNL	6	83	72	67	59	17	8	8		
19	10	2	UNL	73	66	61	66	23	7	7	UNL	7	72	65	60	66	16	11	9	150	6	75	68	64	66	18	9	9		
22	10	4	UNL	65	63	61	87	18	5	1	UNL	7	67	64	62	84	19	5	10	90	7	72	67	64	76	05	4	4		
DAY 07																														
01	10	6	2	70	67	66	87	14	6	10	32	10	70	64	61	73	20	4	10	1	0	1	0	4	68	67	66	90	17	4
04	10	250	7	67	64	63	87	27	4	10	29	8	67	64	62	84	13	6	10	0	0	1	0	68	66	65	90	00	4	
07	10	2	UNL	70	66	64	81	32	5	10	3	0	12	65	63	62	90	07	5	10	2	0	4	68	67	66	90	00	4	
10	10	3	UNL	80	71	67	65	31	7	10	8	4	7	73	68	65	76	21	4	1	UNL	3	78	72	69	72	16	8	8	
13	10	26	7	84																										