

- STATION LEGEND**
- ● Precipitation only
  - ⊙ Precipitation, storage
  - ⊖ ● Precipitation and Temperature
  - ⊖ ● Precipitation, Temperature and Evaporation
- Type of gage: ○ Non-recording; ⊙ Soil Temperature
- Recording; ⊙ Both types
- Double circle combinations indicate the availability of more detailed meteorological data.

ALL UTAH STATIONS USE 105th MERIDIAN TIME



ALBERS EQUAL AREA PROJECTION  
STANDARD PARALLELS AT 29 1/2° AND 45 1/2°



NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

Latitude 38° 26' N Longitude 113° 01' W Elevation (ground) 5028 ft. Standard time used: MOUNTAIN WBAN #23176

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 05AM In.	Precipitation Water equivalent In.	Snow, ice pellets In.	Avg. 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 Base 65°							Resultant direction	Resultant speed m.p.h.	Average speed m.p.h.	Fastest mile	Hours and tenths	Percent of possible	Sunrise to sunset		Midnight to midnight
						Heating	Cooling														
1	36	5	21	-5		44	0	1	0	0	25.19						1	1	2		
2	43	7	25	-1		40	0	1	.02	.4	24.88						1	1	2		
3	20	0	10	-16		55	0	2	.02	.4	24.94						10	0	3		
4	19	-9*	5*	-21		60	0	2	0	0	25.23						0	0	4		
5	31	5	18	-8		47	0	2	0	0	25.19						3	5	5		
6	36	5	21	-5		44	0	2	0	0	25.21						3	3	6		
7	42	9	26	0		39	0	1	0	0	25.00						9	9	7		
8	41	21	31	6		34	0	0	0	0	24.94						7	7	8		
9	41	13	27	2		38	0	0	0	0	24.99						1	1	9		
10	50	26	38	13		27	0	0	0	0	25.01						8	8	10		
11	46	19	33	8		32	0	0	0	0	25.02						10	10	11		
12	49	31	40	15		25	0	0	0	0	24.80						10	10	12		
13	36	23	30	5		35	0	0	0	0	24.97						10	10	13		
14	37	14	26	2		39	0	0	0	0	25.25						9	9	14		
15	38	11	25	1		40	0	0	0	0	25.35						0	0	15		
16	45	10	28	4		37	0	0	0	0	25.12						0	0	16		
17	53	15	34	10		31	0	0	0	0	24.94						1	1	17		
18	56	29	43	19		22	0	0	0	0	24.94						9	9	18		
19	51	32	42	18		23	0	0	0	0	25.00						10	10	19		
20	52	24	38	14		27	0	0	0	0	25.07						3	3	20		
21	55	32	44	20		21	0	0	0	0	24.97						10	10	21		
22	57*	35	46*	22		19	0	0	0	0	24.89						10	10	22		
23	52	25	39	14		26	0	0	0	0	24.80						6	6	23		
24	42	13	28	3		37	0	0	0	0	25.03						1	1	24		
25	50	25	38	13		27	0	0	0	0	24.81						10	10	25		
26	47	25	36	11		29	0	0	0	0	24.70						10	10	26		
27	40	19	30	5		35	0	0	0	.01	24.92						0	0	27		
28	32	20	26	0		39	0	0	0	0	25.10						9	9	28		
29	30	12	21	-5		44	0	0	0	0	25.16						0	0	29		
30	29	3	16	-10		49	0	0	0	0	25.20						0	0	30		
31	45	1	23	-3		42	0	0	0	0	24.86						0	0	31		
Sum		Sum		Total		Total		Total		Total		For the month:			Total		% Sum		Sum		
1301		500		1107		0		Number of days		.05		1.0		25.02		for		161			
Avg.		Avg.		Avg.		Avg.		Precipitation		Dep.				Date:		Possible		month Avg.			
42.0		16.1		29.1		4.5		≤ .01 inch		3		-0.52						5.2			
				Season to date				Snow, ice pellets													
				Total		Total		≥ 1.0 inch		0		Greatest in 24 hours and dates		Greatest depth on ground of snow,							
				4071		0		Thunderstorms				Precipitation		Snow, ice pellets							
				Dep.		Dep.		Heavy fog X				.04		2-3		.8		2-3			
				269				Clear 15		Partly cloudy 2		Cloudy 14									

HOURLY PRECIPITATION (Water equivalent in inches)

Date	A. M. Hour ending at												P. M. Hour ending at												Date		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12			
1																									1		
2																									.01	.01	2
3	.01	.01	T	T																						3	
4																										4	
5																										5	
6																										6	
7																										7	
8																										8	
9																										9	
10																										10	
11																										11	
12																										12	
13																										13	
14																										14	
15																										15	
16																										16	
17																										17	
18																										18	
19																										19	
20																										20	
21																										21	
22																										22	
23																										23	
24																										24	
25																										25	
26																										26	
27					.01	T																				27	
28																										28	
29																										29	
30																										30	
31																										31	

Extreme temperatures for the month. May be the last of more than one occurrence.  
Below zero temperature or negative departure from normal.  
†  $\sqrt{70^\circ}$  at Alaskan stations.  
Also on an earlier date, or dates.  
X Heavy fog restricts visibility to  $\frac{1}{4}$  mile or less.  
T In the Hourly Precipitation table and in columns 9, 10, and 11 indicates an amount too small to measure.  
The season for degree days begins with July for heating and with January for cooling.  
Data in columns 6, 12, 13, 14, and 15 are based on 8 observations per day at 3-hour intervals.  
Wind directions are those from which the wind blows. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.  
Flashes for directions are tenths of degrees from true

Subscription Price: Local Climatological Data \$1.00 per year including annual summary if published. Single copy: 10 cents for monthly summary; 15 cents for annual summary. Checks or money orders should be made payable and remittances and correspondence should be sent to the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and

SUMMARY BY HOURS

Hour	Local time	AVERAGES							Resultant wind	
		Sky cover tenths	Station pressure In.	Temperature		Relative humidity %	Wind speed m.p.h.	Direction	Speed m.p.h.	
02	02	25.03	22							
05	05	25.02	20							
08	08	25.03	20	18	12	72	11.3	20	7.5	
11	11	25.06	32	27	15	51	15.2	21	8.2	
14	14	24.99	39	31	15	40	17.0	22	7.8	



U.S. NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

HILUKU AIRFOKI  
FEBRUARY 1972

Latitude 38° 26' N Longitude 113° 01' W Elevation (ground) 5028 ft. Standard time used: MOUNTAIN WBAN #23176

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 05AM In.	Precipitation		Avg. station pressure In. Elev. 5023 feet m.s.l.	Wind			Sunshine		Sky cover Tenths		Date					
	Maximum	Minimum	Average	Departure from normal	Average dew point	Degree days Base 65°				Water equivalent In.	Snow, ice pellets In.		Resultant direction	Resultant speed m.p.h.	Average speed m.p.h.	Fastest mile	Hours and tenths	Percent of possible	Sunrise to sunset		Midnight to midnight				
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22			
1	33	13	23	-3	-3	42	0			.01	.1	24.72									5	0	1		
2	25	2	14*	-12	-12	51	0			0	0	25.15									0	0	2		
3	37	-5*	16	-11	-11	49	0			0	0	25.19									3	3	3		
4	47	1	24	-3	-3	41	0			0	0	25.04									10	10	4		
5	50	22	36	9	9	29	0			0	0	24.88									10	10	5		
6	46	22	34	7	7	31	0			0	0	25.07									5	5	6		
7	49	11	30	2	2	35	0			0	0	25.16									5	5	7		
8	48	14	31	3	3	34	0			0	0	25.10									9	9	8		
9	47	17	32	4	4	33	0			0	0	25.01									5	5	9		
10	39	11	25	-4	-4	40	0			0	0	25.11									5	5	10		
11	51	6	29	0	0	36	0			0	0	25.15									0	0	11		
12	51	11	31	2	2	34	0			0	0	25.18					10.0	100			0	0	12		
13	59	11	35	5	5	30	0			0	0	24.99					8.4	83			4	4	13		
14	47	18	33	3	3	32	0			0	0	24.92					6.7	66			7	7	14		
15	51	17	34	4	4	31	0			0	0	25.02					8.4	82			4	4	15		
16	58	18	38	7	7	27	0			0	0	25.03					9.2	90			9	9	16		
17	60	16	38	7	7	27	0			0	0	25.08					10.2	100			1	1	17		
18	63	16	40	9	9	25	0			0	0	25.10					9.4	91			10	10	18		
19	67	27	47	15	15	18	0			0	0	25.11					9.0	87			4	4	19		
20	65	24	45	13	13	20	0			0	0	25.09					9.7	94			7	7	20		
21	61	23	42	10	10	23	0			0	0	25.05					7.2	69			10	10	21		
22	63	32	48	15	15	17	0			0	0	24.97					9.8	94			2	2	22		
23	62	22	42	9	9	23	0			0	0	24.93					10.4	99			8	8	23		
24	62	30	46	13	13	19	0			0	0	24.84					8.6	82			9	9	24		
25	43	27	35	2	2	30	0			T	T	24.96					6.6	62			7	7	25		
26	60	27	44	10	10	21	0			0	0	25.04					7.1	67			8	8	26		
27	69	25	47	13	13	18	0			0	0	25.11					10.0	94			7	7	27		
28	72*	29	51*	16	16	14	0			0	0	24.98					9.9	93			3	3	28		
29	63	32	48	13	13	17	0			0	0	24.80					7.7	72			3	3	29		
Sum	1548	519				Total 847	Total 0			Total .01	Total .1	For the month: 25.03					Total	%	Sum	Sum					
Avg.	53.4	17.9	Avg. 35.7	Dep. 6.0						Dep. .01							Possible	for month	Avg. 162	Avg. 5.6					
Number of days		Season to date		Total		Total		Snow, ice pellets ≥ 1.0 inch		Greatest in 24 hours and dates		Greatest depth on ground of snow, ice pellets or ice and date													
Maximum Temp. ≥ 90° F		Minimum Temp. ≤ 32°		4918		0		Thunderstorms		Precipitation		Snow, ice pellets													
0		1		29		1		98		.01		1		.1											
										Clear 7		Partly cloudy 13		Cloudy 9											

HOURLY PRECIPITATION (Water equivalent in inches)

Date	A. M. Hour ending at												P. M. Hour ending at												Date
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29

\* Extreme temperatures for the month. May be the last of more than one occurrence.  
- Below zero temperature or negative departure from normal.  
† ≥ 70° at Alaskan stations.  
+ Also on an earlier date, or dates.  
X Heavy fog restricts visibility to 1/4 mile or less.  
T In the Hourly Precipitation table and in columns 9, 10, and 11 indicates an amount too small to measure.  
The season for degree days begins with July for heating and with January for cooling.  
Data in columns 6, 12, 13, 14, and 15 are based on 8 observations per day at 3-hour intervals.  
Wind directions are those from which the wind blows. Resultant wind is the vector sum of wind directions

Subscription Price: Local Climatological Data \$1.00 per year including annual summary if published. Single copy: 10 cents for monthly summary; 15 cents for annual summary. Checks or money orders should be made payable and remittances and correspondence should be sent to the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402.

I certify that this is an official publication of the National Oceanic

SUMMARY BY HOURS

Hour Local time	Sky cover Tenth	Station pressure In.	Temperature			Relative humidity %	Wind speed m.p.h.	Resultant wind	
			Air °F	Wet bulb °F	Dew Pt. °F			Direction	Speed m.p.h.
02		25.03	25						
05		25.03	23						
08	5	25.05	22	19	12	68	7.8	22	4.0
11	5	25.07	42	32	16	37	12.1	21	5.1



NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

MILFORD AIRPORT  
MARCH 1972

Latitude 38° 26' N Longitude 113° 01' W Elevation (ground) 5028 ft. Standard time used: MOUNTAIN WBAN #23176

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 05AM In.	Precipitation		Avg. station pressure In. Elev. 5033 feet m.s.l.	Wind			Sunshine		Sky cover Tenths		Date			
	Maximum	Minimum	Average	Departure from normal	Average dew point	Degree days Base 65°				Water equivalent In.	Snow, ice pellets In.		Resultant direction	Resultant speed m.p.h.	Average speed m.p.h.	Speed m.p.h.	Direction	Hours and tenths	Percent of possible		Sunrise to sunset	Midnight to midnight	
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
1	46	25	36	1		29	0					25.03					8.8	82	1		1		
2	67	34	51	16		14	0					24.96					6.8	63	1		2		
3	66	34	50	15		15	0					24.88					3.1	29	9		3		
4	67	27	47	11		18	0					25.02					8.0	73	10		4		
5	72	26	49	13		16	0					25.17					11.5	100	4		5		
6	78*	29	54*	18		11	0					25.02					8.2	75	6		6		
7	66	23	46	10		19	0					25.06					11.6	100	2		7		
8	74	22	48	11		17	0					25.18					11.6	100	0		8		
9	77	28	53	16		12	0					25.16					11.7	100	0		9		
10	73	33	53	16		12	0					25.05					6.6	59	8		10		
11	70	35	53	15		12	0					25.05					8.7	74	9		11		
12	73	27	50	12		15	0					25.11					9.5	81	1		12		
13	67	36	52	14		13	0					25.04					2.0	17	10		13		
14	59	34	47	9		18	0					25.11					11.1	93	1		14		
15	61	22	42	4		23	0					25.17					11.9	100	0		15		
16	66	22	44	5		21	0					25.16					12.0	100	0		16		
17	71	24	48	9		17	0					25.02					11.5	96	0		17		
18	76	27	52	13		13	0					24.87					10.2	84	2		18		
19	58	25	42	3		23	0					25.00					9.2	76	3		19		
20	63	21	42	2		23	0					25.03					11.7	97	4		20		
21	74	22	48	8		17	0					24.99					11.7	96	3		21		
22	72	32	52	12		13	0					24.87					9.9	81	5		22		
23	57	32	45	4		20	0					24.90					8.5	69	7		23		
24	65	22	44	3		21	0					24.99					11.6	94	8		24		
25	71	32	52	11		13	0					24.72					9.2	74	10		25		
26	44	22	33	-8		32	0					24.79					10.9	88	4		26		
27	40	14	27	-14		38	0					24.84					9.7	78	10		27		
28	43	4*	24*	-18		41	0					24.92					11.8	94	1		28		
29	48	15	32	-10		33	0					24.87					8.3	66	9		29		
30	50	11	31	-11		34	0					25.00					12.5	100	1		30		
31	59	14	37	-5		28	0					25.03					12.1	96	0		31		
Sum	Sum	Sum	Sum	Sum	Sum	Total	Total			Total	Total	For the month:					Total	% Possible	Sum	Sum			
1973	776					631	0			0.00	0	25.00					201.9	for month	141				
Avg.	Avg.	Avg.	Dep.	Avg.	Dep.	Dep.				Precipitation	Dep.					Date:			Avg.	Avg.			
63.6	25.0	44.3	5.8			-1.91				≤ .01 inch	-1.03								4.5				
Season to date																							
Number of days								Total	Total														
Maximum Temp.	Minimum Temp.			5549		0																	
≤ 90° †	≥ 32*	≥ 32*	≥ 0°	Dep.	Dep.	Heavy fog X																	
0	0	25	0	-63		Clear 14	Partly cloudy 7	Cloudy 10															

HOURLY PRECIPITATION (Water equivalent in inches)

Date	A. M. Hour ending at												P. M. Hour ending at												Date
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31

\* Extreme temperatures for the month. May be the last of more than one occurrence.  
 † Below zero temperature or negative departure from normal.  
 ‡ ≥ 70° at Alaskan stations.  
 + Also on an earlier date, or dates.  
 X Heavy fog restricts visibility to 1/4 mile or less.  
 T In the Hourly Precipitation table and in columns 9, 10, and 11 indicates an amount too small to measure.  
 The season for degree days begins with July for heating and with January for cooling.  
 Data in columns 6, 12, 13, 14, and 15 are based on 8 observations per day at 3-hour intervals.  
 Wind directions are those from which the wind blows.

Subscription Price: Local Climatological Data \$ 1.00 per year including annual summary if published. Single copy: 10 cents for monthly summary; 15 cents for annual summary. Checks or money orders should be made payable and remittances and correspondence should be sent to the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402.

I certify that this is an official

SUMMARY BY HOURS

Hour Local time	Sky cover Tenths	AVERAGES					Resultant wind	
		Station pressure In.	Temperature		Relative humidity %	Wind speed m.p.h.	Direction	Speed m.p.h.
		Air °F	Wet bulb °F	Dew Pt. °F				
02		25.00	34					
05		25.01	30					
08	4	25.04	34	28	15	47	8.6	22 3.1





U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

MILFORDS DAM  
MILFORD AIRPORT  
APRIL 1972

Latitude 38° 26' N Longitude 113° 01' W Elevation (ground) 5028 ft. Standard time used: MOUNTAIN WBAN #23176

Date	Temperature °F.						Weather types on dates of occurrence 1 Fog 2 Heavy fog x 3 Thunderstorm 4 ice pellets 5 Hail 6 Claz 7 Duststorm 8 Smoke, Haze 9 Blowing snow	Snow: ice pellets or ice on ground at 05AM In.	Precipitation		Avg. station pressure In. Elev. 5033 feet m.s.l.	Wind				Sunshine		Sky cover Tenths		Date		
	Maximum	Minimum	Average	Departure from normal	Average dew point	Degree days Base 65°			Water equivalent in.	Snow: ice pellets In.		Resultant direction	Resultant speed m.p.h.	Average speed m.p.h.	Fastest mile		Hours and tenths	Percent of possible	Sunrise to sunset		Midnight to midnight	
						Heating									Cooling	Speed m.p.h.						Direction
1	70	29	50	7	7	15	0	0	0	0	24.95					7.1	56	9	1			
2	65	29	52	9	9	13	0	0	0	0	24.91					9.3	73	6	2			
3	67	27	47	4	4	18	0	0	0	0	24.98					9.2	72	10	3			
4	72	33	53	9	9	12	0	0	0	0	24.98					6.8	53	10	4			
5	75	43	59*	15	6	6	0	0	0	0	24.92					2.2	17	10	5			
6	68	40	54	9	9	11	0	0	0	0	24.85					7.2	56	7	6			
7	71	33	52	7	7	13	0	0	0	0	24.93					12.1	94	6	7			
8	75	23	49	4	4	16	0	0	0	0	24.91					12.0	93	2	8			
9	75	31	53	7	7	12	0	0	0	0	24.85					12.2	94	6	9			
10	67	47	57	11	11	8	0	0	0	0	24.88					5.8	45	10	10			
11	67	44	56	10	9	9	0	0	0	0	24.86					6.6	50	10	11			
12	62	37	50	3	3	15	0	0	0	0	24.74					12.1	92	4	12			
13	46	26	36	-11	29	29	0	3	.35	3.6	24.63					0.0	0	10	13			
14	48	25	37	-10	28	28	0	1	.41	4.3	24.81					6.0	45	7	14			
15	55	25	40	-8	25	25	0	6	0	0	25.03					12.7	96	0	15			
16	67	32	50	2	15	15	0	0	0	0	24.94					12.3	93	9	16			
17	62	39	51	3	14	14	0	0	0	0	24.79					8.4	63	10	17			
18	42	28	35	-14	30	30	0	0	.06	.9	24.74					4.8	36	10	18			
19	43	27	35*	-14	30	30	0	0	.06	1.0	24.86					5.8	43	10	19			
20	54	27	41	-9	24	24	0	0	0	0	25.04					12.0	90	3	20			
21	66	26	46	-4	19	19	0	0	0	0	25.05					11.2	84	7	21			
22	67	30	49	-1	16	16	0	0	0	0	24.98					11.8	87	0	22			
23	74	28	51	0	14	14	0	0	0	0	25.03					12.9	96	8	23			
24	74	36	55	4	10	10	0	0	0	0	24.83					12.9	95	4	24			
25	52	32	42	-9	23	23	0	0	.08	1.0	24.90					9.0	66	8	25			
26	54	28	41	-11	24	24	0	0	0	0	25.08					13.6	100	0	26			
27	62	23*	43	-9	22	22	0	0	0	0	25.08					13.7	100	0	27			
28	76	25	51	-1	14	14	0	0	0	0	24.95					12.1	88	3	28			
29	77*	37	57	4	8	8	0	0	0	0	24.84					13.8	100	0	29			
30	55	28	42	-11	23	23	0	0	0	0	25.11					13.8	100	0	30			
Sum	1908	948				516	0				24.96					289.3		179				
Avg.	63.6	31.6	47.6	-0.1		-3					0.24					396.3	73	6.0				
Season to date																						
Number of days																						
Maximum Temp. Minimum Temp.																						
0 0 19 0 -66																						
Precipitation																						
0.24																						
Snow, ice pellets																						
4																						
Greatest in 24 hours and dates																						
Precipitation Snow, ice pellets																						
.69 13-14 5.0 13-14																						
Greatest depth on ground of snow, ice pellets or ice and date																						
6 14																						

HOURLY PRECIPITATION (Water equivalent in inches)

Date	A. M. Hour ending at												P. M. Hour ending at												Date
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14	.04	.01	.02	.02	.03	.07	.10	.05	.01	.11	.13	.05	.01	T	T	T	T	T	.02	T	.01		.01	.01	14
15																									15
16																									16
17																									17
18																									18
19	T	T	T	.02	T	.02	T	.02	T	T	T	T	T	T	T	.02	.02	.01	T	T	T	T	.01	T	19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30

\* Extreme temperatures for the month. May be the last of more than one occurrence.  
- Below zero temperature or negative departure from normal.  
# ≧ 70° at Alaskan stations.  
+ Also on an earlier date, or dates.  
X Heavy fog restricts visibility to 1/4 mile or less.  
T In the Hourly Precipitation table and in columns 9, 10, and 11 indicates an amount too small to measure.  
The season for degree days begins with July for heating and with January for cooling.  
Data in columns 6, 12, 13, 14, and 15 are based on 8 observations per day at 3-hour intervals.  
Wind directions are those from which the wind blows.

Subscription Price: Local Climatological Data \$1.00 per year including annual summary if published. Single copy: 10 cents for monthly summary; 15 cents for annual summary. Checks or money orders should be made payable and remittances and correspondence should be sent to the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402.

I certify that this is an official

SUMMARY BY HOURS

Hour time	Sky cover tenths	AVERAGES					Resultant wind	
		Station pressure In.	Temperature			Wind speed m.p.h.	Direction	
		Air °F	Wet bulb °F	Dew Pt. °F	Relative humidity %	Wind speed m.p.h.	Direction	Speed m.p.h.
02		24.91	38					
05		24.91	36					
08	5	24.94	43	35	22	50	10.8	21 5.4





Latitude 38° 26' N Longitude 113° 01' W Elevation (ground) 5028 ft. Standard time used: MOUNTAIN WBAN #23176

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 11AM In.	Precipitation		Avg. 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 Base 65° Heating Cooling				Water equivalent In.	Snow, ice pellets In.		Resultant direction	Resultant speed m.p.h.	Average speed m.p.h.	Speed m.p.h.	Direction	Hours and tenths	Percent of possible		Sunrise to sunset
1	89	54	72	11								24.97			25	SW	9.3	63	5		1
2	85	50	68	7								24.98			30	S	7.9	54	8		2
3	83	54	69	8								25.00			32	W	8.1	55	8		3
4	82	52	67	5								25.04			26	NM	6.4	44	9		4
5	80	47	64	2								25.03			20	SE	2.2	15	10		5
6	79	48	64	2								24.98			23	SE	5.4	36	9		6
7	77	55	66	3								24.93			28	SE	1.9	13	10		7
8	78	49	64	1								24.88			25	SW	8.8	60	7		8
9	81	47	64	1								24.88			26	SW	10.2	69	7		9
10	82	45	64*	0								24.91			35	SW	14.3	97	4		10
11	85	45	65	1								24.94			12	SW	14.8	100	3		11
12	87	44*	66	1								24.86			19	SW	12.1	82	1		12
13	87	49	68	3								24.86			18	N	7.7	65	4		13
14	89	57	73	8								24.93			23	SW	13.9	94	2		14
15	90	52	71	5								24.98			27	SW	11.4	77	4		15
16	88	55	72	6								24.94			25	SW	9.8	65	6		16
17	91	50	71	5								24.87			23	N	8.7	59	5		17
18	89	52	71	4								24.86			35	N	6.1	41	7		18
19	88	55	72	5								24.97			26	NW	10.0	67	4		19
20	90	49	74	3								24.96			35	SW	12.4	83	6		20
21	90	58	74	6								24.90			37	SW	10.0	67	8		21
22	77	53	65	-3								24.92			30	SW	2.9	19	10		22
23		46										24.91			37	SW	13.1	88	1		23
24												24.89			35	SW	14.6	98	0		24
25	83	51	67	-2								24.90			28	SW	14.9	100	0		25
26	84	45	65	-4								24.94			20	SW	14.8	100	0		26
27	87	47	67	-3								25.06			17	NE	14.8	100	0		27
28	91	51	71	1								25.13			18	NE	14.8	100	0		28
29	93	53	73	2								25.12			19	NE	14.8	100	0		29
30	99*	50	75*	2								25.01			21	W	12.1	82	3		30

Sum	Sum			Total	Total	For the month:			Total	%	Sum	Sum	
2404	1463			5	103	Number of days			24.95		37	SW	
Avg.		Avg.		Avg.		Dep.		Precipitation		Date: 23*		Possible month	
85.9	52.3	69.1	3.7	-82				0.23			444.1	70	4.7
				Season to date		Snow, ice pellets		Greatest in 24 hours and dates		Greatest depth on ground of snow, ice pellets or ice and date			
				Total		Total		Precipitation		Snow, ice pellets			
				Dep.		Dep.		2.71		21-22		0	
				-162				Clear 11		Partly cloudy 11		Cloudy 8	

HOURLY PRECIPITATION (Water equivalent in inches) # RECORD INCOMPLETE. SUMMARY BASED ON AVAILABLE DATA.

Date	A. M. Hour ending at												P. M. Hour ending at												Date
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30

\* Extreme temperatures for the month. May be the last of more than one occurrence.  
- Below zero temperature or negative departure from normal.  
† ≥ 70° at Alaskan stations.  
+ Also on an earlier date, or dates.  
X Heavy fog restricts visibility to ¼ mile or less.  
In the Hourly Precipitation table and in columns 9, 10, and 11 indicates an amount too small to measure.  
The season for degree days begins with July for heating and with January for cooling.  
Data in columns 6, 12, 13, 14, and 15 are based on 8 observations per day at 3-hour intervals.  
Wind directions 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 directions are tens of degrees from true North - 00 - East 90 - South 27 - West 36 = North.

Subscription Price: Local Climatological Data \$1.00 per year including annual summary if published. Single copy: 10 cents for monthly summary; 15 cents for annual summary. Checks or money orders should be made payable and remittances and correspondence should be sent to the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, N. C.

Hour	Time	Sky cover	Station pressure	TEMPERATURE					Wind speed	Direction	Resultant wind
				AVERAGES							
				Air °F	Wet bulb °F	Dew pt. °F	Relative humidity %	Wind speed m.p.h.			
02			24.95	56							
05	3		24.97	54	46	37	55	6.9	22	4.4	
08			25.00	66	52	41	44	10.3	21	7.5	
11			24.99	78	55	37	27	11.7	21	6.7	
14			24.94	83							
17			24.91	80							





# NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION ENVIRONMENTAL DATA SERVICE

OCTOBER 1976

Latitude 38° 26' N Longitude 113° 01' W Elevation (ground) 5028 ft. Standard time used: MOUNTAIN WBAN #23176

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 11AM In.	Precipitation		Avg. station pressure In. Elev. 5033 feet m.s.l.	Wind			Sunshine		Sky cover Tenths		Date		
	Maximum	Minimum	Average	Departure from normal	Average dew point	Degree days Base 65°				Water equivalent In.	Snow: ice pellets In.		Resultant direction	Resultant speed m.p.h.	Average speed m.p.h.	Fastest mile		Hours and tenths	Percent of possible		Sunrise to sunset	Midnight to midnight
						Heating	Cooling									Speed m.p.h.	Direction					
1	74	35	55	-2	6	7A	7B	0	0	0	24.95	15	N	4.3	36	8	1					
2	77*	37	57	0	6	7	8	0	0	0	24.95	17	N	11.8	100	0	2					
3	76	40	58	1	7	8	9	0	0	0	25.06	28	SW	4.6	39	8	3					
4	67	46	57	1	8	9	10	0	0	0	24.97	36	SW	2.7	23	8	4					
5	70	43	57	1	9	10	11	0	0	0	25.08	16	N	6.4	55	8	5					
6	61	45	53	-2	10	11	12	0	0	0	25.10	16	N	2.0	17	9	6					
7	70	50	60	5	11	12	13	0	0	0	25.00	11	N	3.6	31	9	7					
8	69	50	60	6	12	13	14	0	0	0	24.97	24	SW	7.4	64	7	8					
9	65	44	55	1	13	14	15	0	0	0	24.96	21	SW	2.6	23	10	9					
10	64	47	56	2	14	15	16	0	0	0	24.99	20	SW	1.7	15	10	10					
11	70	42	56	3	15	16	17	0	0	0	25.14	17	SW	11.4	100	6	11					
12	76	44	60*	7	16	17	18	0	0	0	25.20	19	SW	2.6	23	10	12					
13	74	43	59	6	17	18	19	0	0	0	25.09	18	SW	11.3	100	0	13					
14	68	40	54	2	18	19	20	0	0	0	25.03	30	SW	2.5	22	7	14					
15	66	45	56	4	19	20	21	0	0	0	25.03	17	SW	6.1	54	7	15					
16	66	41	54	3	20	21	22	0	0	0	25.02	23	SW	4.1	37	9	16					
17	60	45	53	2	21	22	23	0	0	0	25.01	19	SW	4.2	38	10	17					
18	54	47	51	0	22	23	24	0	0	0	24.98	13	N	0.0	0	10	18					
19	56	45	51	1	23	24	25	0	0	0	24.79	15	SW	0.5	5	10	19					
20	54	38	46	-4	24	25	26	0	0	0	24.82	17	SW	5.0	45	9	20					
21	58	31	45	-4	25	26	27	0	0	0	24.99	13	N	7.0	64	5	21					
22	59	36	48	0	26	27	28	0	0	0	25.10	16	N	4.7	43	7	22					
23	62	29	46	-2	27	28	29	0	0	0	25.08	15	SW	10.9	100	0	23					
24	46	31	39	-8	28	29	30	0	0	0	25.05	40	NE	0.3	3	10	24					
25	54	33	44	-3	29	30	31	0	0	0	24.98	21	N	9.8	91	1	25					
26	60	34	47	1	30	31	1	0	0	0	24.81	31	SW	8.3	77	2	26					
27	43	34	39	-7	31	32	2	0	0	0	24.89	14	N	0.0	0	10	27					
28	54	35	45	0	32	33	3	0	0	0	24.89	29	SW	6.3	59	4	28					
29	45	24	35	-10	33	34	4	0	0	0	24.90	27	NE	2.4	22	8	29					
30	31	17	24*	-20	34	35	5	0	0	0	24.99	29	NE	0.7	7	10	30					
31	35	15*	25	-19	35	36	6	1	0	0	25.07	21	NE	10.6	100	0	31					
Sum	1884	1186				Total	Total			Total	Total	For the month:			Total	%	Sum	Sum				
Avg.	60.8	38.3	49.6	-1.1		470	0			2.61	5.2	25.00	40	NE	155.8		212					
								Precipitation		Dep.				Date: 24		Possible month		Avg.				
								.01 inch		1.84						347.0		45 6.8				
								Season to date														
								Snow, ice pellets		2		Greatest in 24 hours and dates		Greatest depth on ground of snow, ice pellets or ice and date								
								≥ 1.0 inch		2		Precipitation		Snow, ice pellets								
								Thunderstorms		9		2.5		29								
								Heavy fog X		.76												
								Clear 6		Partly cloudy 7		Cloudy 18										

### HOURLY PRECIPITATION (Water equivalent in inches)

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

• Extreme temperatures for the month. May be the last of more than one occurrence.  
 † Below zero temperature or negative departure from normal.  
 ‡ ≥ 70° at Alaskan stations.  
 X Also on an earlier date, or dates.  
 + Heavy fog restricts visibility to 1/4 mile or less.  
 T In the Hourly Precipitation table and in columns 9, 10, and 11 indicates an amount too small to measure.  
 The season for degree days begins with July for heating and with January for cooling.  
 Data in columns 6, 12, 13, 14, and 15 are based on 8 observations per day at 3-hour intervals.  
 Wind directions 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 directions are based on degrees from true.

Subscription Price: Local Climatological Data \$2.00 per year including annual issue if published; 75c extra for foreign mailing. Single copy: 20c for monthly issue; 15c for annual issue. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and

### SUMMARY BY HOURS

Hour time	Sky cover Tenths	Temperature					Resultant wind	
		Station pressure In.	Temperature			Direction	Speed m.p.h.	
			Air °F	Wet bulb °F	Dew Pt. °F			
02		24.99	43					
05		25.00	43					
08		25.02	43					
11		25.03	54					
14		24.98	39					



# NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION ENVIRONMENTAL DATA SERVICE

NOVEMBER 1972

Latitude 38° 26' N Longitude 113° 01' W Elevation (ground) 5028 ft. Standard time used: MOUNTAIN WBAN #23176

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 11AM In.	Precipitation		Avg. station pressure In. Elev. 5033 feet m.s.l.	Wind			Sunshine		Sky cover Tenths		Date			
	Maximum	Minimum	Average	Departure from normal	Average dew point	Degree days Base 65°			Water equivalent In.	Snow-ice pellets In.		Resultant direction	Resultant speed m.p.h.	Average speed m.p.h.	Fastest mile		Hours and tenths	Percent of possible		Sunrise to sunset	Midnight to midnight	
						Heating									Cooling	Speed m.p.h.						Direction
1	40	15	28	-15	37	7B		0	0	25.08	13	SW	1.1	10	9			1				
2	53	27	40	-3	25	0		0	0	25.08	16	N	8.0	75	4			2				
3	59	24	42	0	23	0		0	0	25.05	18	SW	6.4	61	8			3				
4	60*	31	46*	5	19	0		0	0	24.87	25	SW	3.1	30	10			4				
5	50	29	40	-1	25	0		.17	T	24.88	24	NE	2.1	20	9			5				
6	48	24	36	-4	29	0		0	0	25.11	9	NW	5.5	53	4			6				
7	49	29	39	-1	26	0		0	0	24.99	19	SW	0.0	0	10			7				
8	48	30	39	-1	26	0		0	0	24.90	22	N	1.6	16	10			8				
9	51	28	40	1	25	0		0	0	25.07	11	N	6.9	67	6			9				
10	51	27	39	0	26	0		0	0	24.85	16	SW	1.9	18	9			10				
11	42	32	37	-1	28	0		.05	T	24.63	18	NE	0.2	2	10			11				
12	42	31	37	-1	28	0		0	T	24.78	19	N	0.1	1	10			12				
13	44	25	35	-2	30	0		0	0	24.96	22	SW	2.3	22	10			13				
14	53	33	43	6	22	0		.05	0	24.77	28	SW	5.1	50	8			14				
15	47	33	40	4	25	0		.02	0	24.82	20	SW	3.5	35	9			15				
16	46	29	38	2	27	0		.13	T	24.82	24	SW	1.2	12	10			16				
17	44	32	38	3	27	0		.16	1.2	24.71	19	NW	1.7	17	10			17				
18	46	30	38	3	27	0		.08	1.4	24.93	14	SW	4.7	47	9			18				
19	38	28	33	-1	32	0		.27	3.3	24.93	19	SW	1.3	13	10			19				
20	38	25	32	-2	33	0		.02	.2	25.01	9	N	0.0	0	10			20				
21	38	22	30	-3	35	0		0	0	25.20	14	N	4.6	46	6			21				
22	34	22	28	-5	37	0		0	0	25.18	17	N	1.5	15	10			22				
23	32	18	25	-8	40	0		0	0	25.06	15	NE	0.5	5	8			23				
24	37	12*	25*	-8	40	0		0	0	25.09	12	N	4.6	46	8			24				
25	41	14	28	-4	37	0		0	0	25.24	15	N	7.6	78	6			25				
26	51	20	36	4	29	0		0	0	25.05	16	SW	7.6	78	10			26				
27	37	18	28	-4	37	0		0	0	25.11	26	NE	8.5	87	1			27				
28	39	15	27	-3	38	0		0	0	25.12	13	N	4.6	47	6			28				
29	44	20	32	0	33	0		0	0	25.27	17	N	9.1	94	5			29				
30	51	14	32	1	32	0		0	0	25.27	9	S	9.7	100	0			30				
Sum	1353	737			898	0			.95	7.0	24.99		28	SW	115.0			235				
Avg.	45.1	24.6	34.9	-1.2					0.43						303.2	38		7.8				
Number of days		Season to date		Snow, ice pellets		Greatest in 24 hours and dates		Greatest depth on ground of snow, ice pellets or ice date														
Maximum Temp. Minimum Temp.		Total Total		Precipitation		Snow, ice pellets		Precipitation Snow, ice pellets														
≥ 90° † ≤ 32° ≤ 32° ≤ 0°		1506 659		3 9		.28 16-17 3.3 19		Clear 2 Partly cloudy 7 Cloudy 21														

### HOURLY PRECIPITATION (Water equivalent in inches)

Date	A. M. Hour ending at												P. M. Hour ending at												Date
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																								1	
2																								2	
3																								3	
4																								4	
5			.03	.02								T												5	
6													T	T	T									6	
7																								7	
8																								8	
9																								9	
10																								10	
11						T	T	.01	T	T	T	.01	T											11	
12						T	T	T																12	
13																								13	
14																						.03	.02	14	
15	.01	T	.01																			.03	.02	15	
16	.01	.01	.02	.02	T	.02		T	.01	T	T		T	T							.03	.01	.08	16	
17	.06	.02	T	T									T	.03	.05	.10	.01	.04	.03	.01	T			17	
18													T											18	
19													T	.03	.05	.10	.01	.04	.03	.01	T			19	
20													T											20	
21													T											21	
22													T											22	
23													T											23	
24													T											24	
25													T											25	
26													T											26	
27													T											27	
28													T											28	
29													T											29	
30													T											30	

\* Extreme temperatures for the month. May be the last of more than one occurrence.  
 † Below zero temperature or negative departure from normal.  
 ‡ ≥ 70° at Alaskan stations.  
 + Also on an earlier date, or dates.  
 X Heavy fog restricts visibility to 1/4 mile or less.  
 T In the Hourly Precipitation table and in columns 9, 10, and 11 indicates an amount too small to measure.  
 The season for degree days begins with July for heating and with January for cooling.  
 Data in columns 6, 12, 13, 14, and 15 are based on 8 observations per day at 3-hour intervals.  
 Wind directions are those from which the wind blows. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

Subscription Price: Local Climatological Data \$2.00 per year including annual issue if published; 75c extra for foreign mailing. Single copy: 20c for monthly issue; 15c for annual issue. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration. and

### SUMMARY BY HOURS

Hour	Local time	Sky cover Tenths	AVERAGES							Resultant wind	
			Station pressure In.	Temperature			Relative humidity %	Wind speed m.p.h.	Direction	Speed m.p.h.	
				Air °F	Wet bulb °F	Dew Pt. °F					
02			24.99	29							
05			24.99	28							
08	8		25.01	30	28	25	86	8.0	24	3.1	
11	8		25.03	39	33	26	63	11.1	20	3.0	
14	7		24.98	43	35	26	54	10.8	19	1.8	



NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

Latitude 38° 26' N Longitude 113° 01' W Elevation (ground) 5028 ft. Standard time used: MOUNTAIN WBAN #23176

Date	Temperature °F					Degree days Base 65°		Weather types on dates of occurrence 1 Fog 2 Heavy fog 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 11AM In.	Precipitation		Avg. station pressure In. Elev. 5033 feet m.s.l.	Wind			Sunshine		Sky cover Tenths		Date	
	Maximum	Minimum	Average	Departure from normal	Average dew point	Heating	Cooling			Water equivalent In.	Snow, ice pellets In.		Resultant direction	Resultant speed m.p.h.	Average speed m.p.h.	Fastest mile	Speed m.p.h.	Direction	Hours and tenths		Percent of possible
1	18	-6	6	-20		59	0		14	0	0	25.17			19	N	9.6	100	1		1
2	19	-16	2	-24		63	0		14	0	0	24.92			21	SW	8.6	90	3		2
3	28	8	18	-8		47	0		19	.03	.5	24.74			25	N	1.7	18	8		3
4	16	-12	2	-24		63	0		19	T	T	24.86			18	N	1.3	14	10		4
5	12	-21	-5	-31		70	0		19	T	T	24.98			25	SW	9.6	100	0		5
6	14	-20	-3	-29		68	0		19	0	0	24.99			10	W	3.8	40	8		6
7	5	-23*	-9*	-35		74	0		19	T	T	24.97			19	SW	8.9	93	3		7
8	28	-2	13	-12		52	0		19	0	0	24.94			27	SW	6.1	64	7		8
9	33	21	27	-2		38	0		19	.03	.4	24.85			24	SW	0.1	1	10		9
10	33	9	21	-4		44	0		19	0	0	25.09			14	N	0.0	0	10		10
11	31	11	21	-4		44	0		19	0	0	25.23			26	SW	1.8	19	10		11
12	38	20	29	4		36	0		12	0	0	25.18			26	SW	4.5	46	9		12
13	37	14	26	1		39	0		11	0	0	25.28			13	S	9.7	100	1		13
14	29	5	17	-7		48	0		10	0	0	25.28			12	W	9.1	93	1		14
15	36	7	22	-2		43	0		10	0	0	25.06			17	SW	6.0	61	10		15
16	38	19	29	5		36	0		10	.04	0	24.84			26	SW	1.0	10	10		16
17	38	28	33	9		32	0		9	.18	.6	24.83			26	SW	4.0	41	7		17
18	38*	27	33*	9		32	0		8	0	0	24.89			26	S	2.4	24	9		18
19	35	21	28	4		37	0		8	.39	6.8	24.67			38	NE	0.0	0	10		19
20	24	-4	10	-14		55	0		15	0	0	24.93			22	NW	9.5	96	1		20
21	21	-10	6	-18		59	0		14	T	T	24.88			17	NE	0.0	0	10		21
22	20	0	10	-14		55	0		15	.02	.6	25.13			24	N	9.6	96	3		22
23	18	-14	2	-23		63	0		15	0	0	25.30			10	N	9.9	99	1		23
24	22	-11	6	-19		59	0		15	0	0	25.18			13	S	9.3	93	5		24
25	34	1	18	-7		47	0		15	0	0	24.93			23	SW	2.3	23	10		25
26	28	8	18	-7		47	0		15	.02	.6	24.93			22	N	0.1	1	10		26
27	22	-4	9	-16		56	0		16	T	T	25.33			22	N	9.3	92	1		27
28	20	-10	5	-21		60	0		15	0	0	25.34			10	SW	10.2	100	2		28
29	27	-9	9	-17		56	0		15	0	0	25.00			24	SW	8.4	82	4		29
30	35	7	21	-5		44	0		15	0	0	24.75			17	SW	0.9	9	9		30
31	33	9	21	-5		44	0		15	T	T	24.81			11	N	5.9	58	4		31
Sum		Sum		Total		Total		Total		Total		For the month:		Total		%		Sum		Sum	
830		53		1570		0		0		.71		2.5		25.01		38 NE		143.6		for 189	
Avg.		Avg.		Avg.		Dep.		Avg.		Dep.		Precipitation		Dep.		Date: 19		Possible		for month	
26.8		1.7		14.3		-10.3		318		0.14		0.14						304.9		54 6.1	
Number of days		Season to date		Total		Total		Snow, ice pellets		Greatest in 24 hours and dates		Greatest depth on ground of snow, ice pellets or ice and date									
Maximum Temp.		Minimum Temp.		4599		0		Thunderstorms		Precipitation		Snow, ice pellets									
≥ 90° †		≥ 32°		≥ 32°		≤ 0°		Dep.		Dep.		Heavy fog X		.39		19		6.8		19	
0		19		31		15		797		Clear 11		Partly cloudy 5		Cloudy 15							

HOURLY PRECIPITATION (Water equivalent in inches)

Date	A. M. Hour ending at												P. M. Hour ending at												Date	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
1																									1	
2																										2
3																										3
4																										4
5																										5
6																										6
7																										7
8																										8
9																										9
10																										10
11																										11
12																										12
13																										13
14																										14
15																										15
16																										16
17	.03	.02	T	T	T	T	.04	.02	T	T	.03	.02	.02	.02	.04	.02	T	.02	T	†	T	T	.01	.03	17	
18																										18
19																										19
20																										20
21	T	T	.01	T	T	T	T	.01	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	21	
22																										22
23																										23
24																										24
25																										25
26																										26
27																										27
28																										28
29																										29
30																										30
31																										31

Extreme temperatures for the month. May be the last of more than one occurrence.  
Below zero temperature or negative departure from normal.  
† ≥ 70° at Alaskan stations.  
Also on an earlier date, or dates.  
X Heavy fog restricts visibility to 1/4 mile or less.  
T In the Hourly Precipitation table and in columns 9, 10, and 11 indicates an amount too small to measure.

The season for degree days begins with July for heating and with January for cooling.  
Data in columns 6, 12, 13, 14, and 15 are based on 8 observations per day at 3-hour intervals.  
Wind directions 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 direction are tens of degrees from true.

Subscription Price: Local Climatological Data \$2.00 per year including annual issue if published; 75¢ extra for foreign mailing. Single copy: 20¢ for monthly issue; 15¢ for annual issue. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatological Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and

SUMMARY BY HOURS

Hour	Local time	Sky cover Tenths	AVERAGES					Resultant wind	
			Station pressure In.	Temperature		Relative humidity %	Wind speed m.p.h.	Direction	Speed m.p.h.
02			25.01	11					
05			25.00	10					
08	6		25.01	9	5	83	10.5	23	4.1
11	6		25.04	17	15	73	11.9	23	3.9
14	6		24.99	23	21	15	12.8	22	2.9







# NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

## ENVIRONMENTAL DATA SERVICE

Latitude 38° 26' N Longitude 113° 01' W Elevation (ground) 5028 ft. Standard time used: MOUNTAIN WBAN #23176

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 11AM In.	Precipitation		Avg. station pressure In. Elev. 5033 feet m.s.l.	Wind			Sunshine		Sky cover Tenths		Date			
	Maximum	Minimum	Average	Departure from normal	Average dew point	Degree days Base 65°				Water equivalent In.	Snow: ice pellets In.		Resultant direction	Resultant speed m.p.h.	Average speed m.p.h.	Fastest mile		Hours and tenths	Percent of possible		Sunrise to sunset	Midnight to midnight	
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
1	53	32	43	8		22	0		T	0	0	25.00				24	SW	7.6	67	10	1	2	
2	40	29	35	0		30	0		T	.02	.2	25.00				26	NE	0.6	5	10	2	3	
3	47	21	34	-1		31	0		T	0	0	25.02				12	W	9.9	87	6	3	4	
4	42	29	36	0		29	0		T	.11	1.1	24.65				21	SW	1.9	17	10	4	5	
5	45	22	34	-2		31	0		T	.01	.1	24.74				14	NE	6.5	57	5	5	6	
6	43	26	35	-1		30	0		T	0	0	24.83				20	SW	3.5	30	10	6	7	
7	46	29	38	0		27	0		T	.03	.5	24.83				13	N	2.1	18	9	7	8	
8	48	25	37	0		28	0		T	0	0	24.84				11	SW	1.8	16	10	8	9	
9	48	23	36	-1		29	0		T	0	0	24.80				25	N	9.2	79	3	9	10	
10	54	21	38	1		27	0		T	0	0	24.81				24	SW	9.0	77	7	10	11	
11	50	33	42	4		23	0		T	.14	.3	24.66				36	S	0.3	3	10	11	12	
12	40	28	34	-4		31	0		T	.13	1.1	24.69				24	SW	0.8	7	10	12	13	
13	38	26	32	-6		33	0		T	.07	1.2	24.60				23	N	0.2	2	10	13	14	
14	36	26	31	-7		34	0		T	.05	1.3	24.85				20	NE	0.2	2	10	14	15	
15	44	20	32	-6		33	0		T	0	0	25.09				17	N	10.5	88	4	15	16	
16	54	19	37	-5		28	0		T	0	0	25.11				17	SW	11.3	94	5	16	17	
17	54	33	44*	2		21	0		T	0	0	24.80				33	SW	4.8	40	10	17	18	
18	40	29	35	-4		30	0		T	.05	.5	24.82				26	N	4.8	40	7	18	19	
19	55	22	39	0		26	0		T	0	0	24.87				17	SW	12.1	100	5	19	20	
20	55	28	42	2		23	0		T	.12	1.8	24.67				34	SW	4.8	40	9	20	21	
21	34	25	30	-10		35	0		T	.03	.4	24.68				36	SW	0.2	2	10	21	22	
22	48	25	37	-3		28	0		T	.08	1.3	24.72				17	NE	7.4	61	7	22	23	
23	46	30	38	-3		27	0		T	.09	.6	24.89				28	N	3.5	28	9	23	24	
24	49	31	40	-1		25	0		T	0	0	25.02				19	N	6.4	52	7	24	25	
25	55	23	39	0		26	0		T	0	0	24.93				11	SW	12.2	98	0	25	26	
26	55*	23	39	0		26	0		T	0	0	24.73				26	SW	9.2	74	5	26	27	
27	54	23	39	-2		26	0		T	.22	1.9	24.67				21	N	6.1	49	8	27	28	
28	32	27	30	-12		35	0		T	.34	4.9	24.69				18	N	0.0	0	10	28	29	
29	36	20	28	-14		37	0		T	.15	3.0	24.81				19	N	0.1	1	10	29	30	
30	43	11*	27*	-15		38	0		T	0	0	24.92				10	E	8.8	70	7	30	31	
31	53	24	39	-3		26	0		T	.01	0	24.92				18	S	11.2	89	7	31	31	
<b>Sum</b>	<b>Sum</b>					<b>Total</b>	<b>Total</b>			<b>Total</b>	<b>Total</b>	<b>For the month:</b>						<b>Total</b>	<b>% for month</b>	<b>Sum</b>	<b>Sum</b>		
1437	783					895	0			1.65	20.2	24.83						36	5W	167.0	239		
<b>Avg.</b>	<b>Avg.</b>	<b>Avg.</b>	<b>Dep.</b>	<b>Avg.</b>			<b>Dep.</b>				<b>Dep.</b>							<b>Date:</b>	<b>21+</b>	<b>Possible month</b>	<b>Avg.</b>	<b>Avg.</b>	
46.4	25.2	35.9	-2.6			73				0.62										370.8	45	7.7	
										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							
Maximum Temp. ≥ 90° F		Minimum Temp. ≤ 32°		Total		Total		Thunderstorms		Precipitation		Snow, ice pellets											
0		1		29		0		885		.53		27-28		6.1		27-28		6		30			
										Clear 2		Partly cloudy 12		Cloudy 17									

### HOURLY PRECIPITATION (Water equivalent in inches)

Date	A. M. Hour ending at												P. M. Hour ending at												Date
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																								1	
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31

\* Extreme temperatures for the month. May be the last of more than one occurrence.  
 - Below zero temperature or negative departure from normal.  
 † ≤ 70° at Alaskan stations.  
 + Also on an earlier date, or dates.  
 X Heavy fog restricts visibility to ¼ mile or less.  
 In the Hourly Precipitation table and in columns 9, 10, and 11 indicates an amount too small to measure.  
 The season for degree days begins with July for heating and with January for cooling.  
 Data in columns 6, 12, 13, 14, and 15 are based on 8 observations per day at 3-hour intervals.  
 Wind directions are those from which the wind blows. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

Subscription Price: Local Climatological Data \$ 2.00 per year including annual issue if published, foreign mailing 75c extra. Single copy: 20c for monthly issue; 15c 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 publication of the National Oceanic and Atmospheric Administration and

### SUMMARY BY HOURS

Hour time	Sky cover Tenths	Station pressure In.	AVERAGES					Resultant wind	
			Temperature			Relative humidity %	Wind speed m.p.h.	Direction	Speed m.p.h.
			Air °F	Wet bulb °F	Dew Pt. °F				
02		24.84	30						
05		24.82	25						
08	7	24.84	31	30	27	84	9.8	25	2.6
11	8	24.85	40	34	27	64	12.9	25	2.2
14	9	24.82	43	36	26	55	13.5	29	1.7





# NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

## ENVIRONMENTAL DATA SERVICE

MAY 1973

Latitude 38° 26' N Longitude 113° 01' W Elevation (ground) 5028 ft. Standard time used: MOUNTAIN WBAN #23176

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 11AM In.	Precipitation		Avg. station pressure In. Elev. 5033 feet m.s.l.	Wind				Sunshine		Sky cover Tenths		Date															
	Maximum	Minimum	Average	Departure from normal	Average dew point	Degree days Base 65°				Water equivalent In.	Snow: ice pellets In.		Resultant direction	Resultant speed m.p.h.	Average speed m.p.h.	Fastest mile		Hours and tenths	Percent of possible	Sunrise to sunset		Midnight to midnight														
						Heating	Cooling									Speed m.p.h.	Direction																			
1	55	30	43*	-10	22	7A	7B		0	T	0	25.00	16	NW	10.3	75	4	2																		
2	64	26*	45	-8	20				0	0	0	25.20	11	N	13.8	100	2	2																		
3	73	28	51	-3	14				0	0	0	25.03	26	SW	13.3	96	3	3																		
4	71	41	56	2	9				0	0	0	24.76	42	SW	10.0	72	7	4																		
5	58	34	46	-8	19				0	0	0	24.68	28	SW	1.3	9	10	5																		
6	64	33	49	-5	16				0	0	0	24.89	15	W	6.4	46	7	6																		
7	65	38	52	-3	13				0	0	0	25.01	30	SW	7.9	56	9	7																		
8	74	37	56	1	9				0	0	0	24.99	26	SW	9.7	69	6	8																		
9	79	39	59	4	6				0	0	0	24.99	19	NW	13.6	96	4	9																		
10	83	46	65	10	0				0	0	0	24.98	21	N	12.7	90	2	10																		
11	76	41	59	3	6				0	0	0	25.06	16	N	13.3	94	6	11																		
12	78	43	61	5	4				0	0	0	25.06	24	SW	9.0	63	9	12																		
13	78	47	63	7	2				0	0	0	25.05	24	SW	10.3	73	8	13																		
14	80	41	61	5	2				0	0	0	25.09	26	SW	13.7	96	2	14																		
15	80	46	63	7	2				0	0	0	25.18	25	SW	9.5	66	5	15																		
16	80	41	61	4	4				0	0	0	25.18	17	NW	14.3	100	1	16																		
17	85	40	63	6	2				0	0	0	25.14	12	N	14.3	100	4	17																		
18	86*	41	64	7	1				0	0	0	25.02	20	NE	13.3	92	1	18																		
19	82	47	65	8	0				0	0	0	24.93	28	SW	10.4	72	5	19																		
20	79	46	63	6	2				0	0	0	24.87	31	SW	10.9	76	6	20																		
21	71	44	58	0	7				0	0	0	24.93	18	SW	3.1	22	10	21																		
22	76	37	57	-1	8				0	0	0	24.94	10	W	13.1	90	2	22																		
23	79	39	59	1	6				0	0	0	24.92	28	W	11.8	81	3	23																		
24	79	45	62	3	3				0	0	0	24.83	24	SW	11.5	79	6	24																		
25	61	44	53	-6	12				0	0	0	24.72	23	N	0.0	0	10	25																		
26	61	35	48	-11	17				0	0	0	24.86	17	NE	10.8	74	5	26																		
27	68	31	50	-10	15				0	0	0	25.05	17	NE	14.5	99	0	27																		
28	75	35	55	-5	10				0	0	0	25.11	15	NE	14.6	100	0	28																		
29	82	35	59	-1	6				0	0	0	25.03	17	NE	14.6	100	0	29																		
30	82	39	61	1	4				0	0	0	24.97	16	NE	14.6	100	3	30																		
31	83	46	65*	5	0				0	0	0	24.84	31	W	6.9	47	7	31																		
Sum	Sum				Total	Total			Total	Total	For the month:				Total	% for month	Sum	Sum																		
2307	1215				243	0		Number of days	96	3.3	24.98			42	SW	333.5	147																			
Avg.	Avg.	Avg.	Dep.	Avg.	Dep.			Precipitation	Dep.					Date: 04	Possible		Avg.	Avg.																		
74.4	39.2	56.8	0.3		-36			≤ .01 inch	5	0.27					442.2	75	4.7																			
																			Season to date																	
																			Number of days	Total	Total					Snow, ice pellets	1									
																			Maximum Temp.	Minimum Temp.	7400	0				Thunderstorms										
																			≥ 90° †	≤ 32°	≤ 32°	≤ 0°	Dep.	Dep.		Heavy fog X	.73	5-6	3.3	5-6						
																			0	0	4	0	990			Clear 12	Partly cloudy 13	Cloudy 6								

## HOURLY PRECIPITATION (Water equivalent in inches)

Date	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
1												T												
2																								
3																								
4																								
5												T												
6	.08	.02	.01					T																
7								T																
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								
17																								
18																								
19																								
20																								
21										.01	T													
22																								
23																								
24																								
25								T	T	.02	.03	.02	T							.01	.02	T		
26																								
27																								
28																								
29																								
30																								
31								T	T															

\* Extreme temperatures for the month. May be the last of more than one occurrence.  
 † Below zero temperature or negative departure from normal.  
 ‡ ≤ 70° at Alaskan stations.  
 † Also on an earlier date, or dates.  
 X Heavy fog restricts visibility to ¼ mile or less.  
 In the Hourly Precipitation table and in columns 9, 10, and 11 indicates an amount too small to measure.

The season for degree days begins with July for heating and with January for cooling.  
 Data in columns 6, 12, 13, 14, and 15 are based on 8 observations per day at 3-hour intervals.  
 Wind directions are those from which the wind blows. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

Subscription Price: Local Climatological Data \$ 2.00 per year including annual issue if published, foreign mailing 75c extra. Single copy: 20c for monthly issue; 15c 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 publication of the National Oceanic and Atmospheric Administration and

## SUMMARY BY HOURS--

Hour: Local time	Sky cover Tenths	Station pressure In.	AVERAGES					Resultant wind	
			Temperature			Relative humidity %	Wind speed m.p.h.	Direction	Speed m.p.h.
			Air °F	Wet bulb °F	Dew Pt. °F				
02		24.98	45						
05	4	24.99	43	39	35	75	6.5	21	4.6
08	4	25.01	53	46	38	57	8.4	20	4.6
11	4	25.01	67	50	34	33	11.3	20	3.0
14	4	24.97	77	50	31	26	13.0	28	2.1



# NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

## ENVIRONMENTAL DATA SERVICE

JUNE 1973

Latitude 38° 26' N Longitude 113° 01' W Elevation (ground) 5028 ft. Standard time used: MOUNTAIN WBAN #23176

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 11AM In.	Precipitation		Avg. station pressure In. Elev. 5033 feet m.s.l.	Wind			Sunshine		Sky cover Tenths		Date	
	Maximum	Minimum	Average	Departure from normal	Average dew point	Degree days Base 65° Heating Cooling				Water equivalent In.	Snow-ice pellets In.		Resultant direction	Resultant speed m.p.h.	Average speed m.p.h.	Fastest mile Speed Direction		Hours and tenths	Percent of possible		Sunrise to sunset
1	70	48	59	-2	6	6	0	0	.30	0	24.79	19	SW	8.5	58	8	5	1	22		
2	72	44	58	-3	7	0	0	0	0	0	24.82	14	SW	9.8	67	5	5	2	3		
3	63	40	52	-9	13	0	0	0	.04	0	24.88	21	W	1.4	10	10	10	3	2		
4	70	33	52	-10	13	0	0	0	0	0	25.07	17	NE	14.6	99	3	4	5	5		
5	79	35	57	-5	8	0	0	0	0	0	25.19	12	NE	13.7	93	3	5	4	5		
6	88	41	65	3	0	0	0	0	0	0	25.16	13	SW	14.2	96	1	6	6	6		
7	92	46	69	6	0	4	0	0	0	0	25.08	14	SW	14.6	99	2	7	7	7		
8	93	48	71	8	0	6	0	0	0	0	25.07	13	NW	14.8	100	0	8	8	8		
9	95	48	72	9	0	7	0	0	0	0	24.96	25	SW	10.9	74	8	9	9	9		
10	92	49	71	7	0	6	0	0	0	0	24.88	22	SW	12.5	84	9	10	10	10		
11	86	50	68	4	0	3	0	0	0	0	24.94	27	SW	11.8	80	6	11	11	11		
12	86	44	65	0	0	0	0	0	0	0	24.97	22	S	10.3	70	10	12	12	12		
13	83	55	69	4	0	4	0	0	.02	0	24.86	25	SW	5.2	35	10	13	13	13		
14	71	47	59	-6	6	0	0	0	.35	0	24.79	35	SW	4.9	33	10	14	14	14		
15	62	41	52	-14	13	0	0	0	.18	0	24.93	25	SW	7.1	88	6	15	15	15		
16	76	35	55	-11	10	0	0	0	0	0	24.93	26	SW	13.9	94	2	16	16	16		
17	82	45	64	-2	1	0	0	0	0	0	24.84	32	SW	14.6	99	1	17	17	17		
18	65	39	52	-15	13	0	0	0	0	0	25.12	21	NE	14.8	100	0	18	18	18		
19	72	30*	51*	-16	14	0	0	0	0	0	25.21	18	NE	14.9	100	0	19	19	19		
20	82	34	58	-9	7	0	0	0	0	0	25.22	18	NE	14.9	100	0	20	20	20		
21	89	41	65	-3	0	0	0	0	0	0	25.21	15	W	14.9	100	0	21	21	21		
22	90	43	67	-1	0	2	0	0	0	0	25.11	29	SW	11.7	79	4	22	22	22		
23	90	43	67	-1	0	2	0	0	0	0	25.03	28	SW	13.1	88	7	23	23	23		
24	92	50	71	2	0	6	0	0	0	0	25.01	26	SW	9.9	66	9	24	24	24		
25	96	50	73	4	0	8	0	0	0	0	25.01	16	SW	14.3	96	2	25	25	25		
26	97	52	75	6	0	10	0	0	0	0	25.05	16	N	14.8	100	0	26	26	26		
27	99*	54	77	7	0	12	0	0	0	0	25.02	16	NW	11.2	76	4	27	27	27		
28	97	57	77*	7	0	12	0	0	0	0	24.93	20	SW	10.1	68	5	28	28	28		
29	96	52	74	3	0	9	0	0	0	0	24.86	26	SW	14.8	100	1	29	29	29		
30	95	57	76	5	0	11	0	0	0	0	24.83	29	SW	13.2	89	1	30	30	30		
Sum		Sum		Total		Total		Total		Total		For the month:		Total		% for		Sum		Sum	
2520		1349		111		102		Number of days		.89		0 24.99		35 SW		355.4		for 127			
Avg.		Avg.		Avg. Dep.		Avg. Dep.		Precipitation		Dep.				Date: 14		Possible month		Avg.		Avg.	
84.0		45.0		64.5		-0.9		≤ .01 inch		5		0.46				444.1		80		4.2	
				Season to date				Snow, ice pellets		0		Greatest in 24 hours and dates		Greatest depth on ground of snow, ice pellets or ice and date							
				Total		Total		Thunderstorms		Precipitation		Snow, ice pellets									
				7511		102		Heavy fog X		.37		13-14		0							
				13		0		1014		Clear 15		Partly cloudy 7		Cloudy 8							

### HOURLY PRECIPITATION (Water equivalent in inches)

Date	A. M. Hour ending at												P. M. Hour ending at												Date	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
1																									1	
2																										2
3																										3
4																										4
5																										5
6																										6
7																										7
8																										8
9																										9
10																										10
11																										11
12																										12
13																										13
14																										14
15																										15
16																										16
17																										17
18																										18
19																										19
20																										20
21																										21
22																										22
23																										23
24																										24
25																										25
26																										26
27																										27
28																										28
29																										29
30																										30

\* Extreme temperatures for the month. May be the last of more than one occurrence.  
 - Below zero temperature or negative departure from normal.  
 † ≤ 70° at Alaskan stations.  
 + Also on an earlier date, or dates.  
 X Heavy fog restricts visibility to ¼ mile or less.  
 T In the Hourly Precipitation table and in columns 9, 10, and 11 indicates an amount too small to measure.  
 The season for degree days begins with July for heating and with January for cooling.  
 Data in columns 6, 12, 13, 14, and 15 are based on 8 observations per day at 3-hour intervals.  
 Wind directions are those from which the wind blows. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

Subscription Price: Local Climatological Data \$ 2.00 per year including annual issue if published, foreign mailing 75c extra. Single copy: 20c for monthly issue; 15c 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 publication of the National Oceanic and Atmospheric Administration.

### SUMMARY BY HOURS

Hour	Local time	AVERAGES						Resultant wind	
		Sky cover Tenths	Station pressure In.	Temperature			Wind speed m.p.h.	Direction	Speed m.p.h.
				Air °F	Wet bulb °F	Dew Pt. °F			
02		24.99	51						
05		25.00	48						
08		25.03	63						
11		25.02	76						
14		24.80	82						





LOCAL CLIMATOLOGICAL DATA  
U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

MILFORD, OIAH  
NAT WEATHER SERVICE MET OBSY  
MILFORD AIRPORT  
AUGUST 1973

Latitude 38° 26' N Longitude 113° 01' W Elevation (ground) 5028 ft. Standard time used: MOUNTAIN WBAN #23176

Date	Temperature °F							Weather types on dates of occurrence 1 Fog 2 Heavy fog x 3 Thunderstorm 4 Ice pellets 5 Hail 6 Claze 7 Duststorm 8 Smoke, Haze 9 Blowing snow	Snow-ice pellets or ice on ground at 11AM In.	Precipitation		Avg. station pressure - In. Elev. 5033 feet m.s.l.	Wind			Sunshine		Sky cover Tenths		Date
	Maximum	Minimum	Average	Departure from normal	Average dew point	Degree days Base 65°				Water equivalent In.	Snow-ice pellets In.		Resultant direction	Resultant speed m.p.h.	Average speed m.p.h.	Fastest mile	Hours and tenths	Percent of possible	Sunrise to sunset	
1	95	51	73	-2	0	0	8	0	0	0	25.09	19	N	12.6	89	6	1			
2	98*	51	75	-1	0	0	10	0	0	0	25.04	20	SW	11.5	82	2	2			
3	93	63	78	4	0	0	13	0	0	0	25.05	25	E	8.1	57	7	3			
4	87	58	73	-1	0	0	8	0	.07	0	25.06	25	W	5.4	38	8	4			
5	82	59	71	-3	0	0	6	0	.12	0	25.03	20	W	4.9	35	9	5			
6	87	59	73	-1	0	0	8	0	.37	0	24.96	19	SW	5.0	36	7	6			
7	89	61	75	1	0	0	10	0	0	0	24.97	16	S	8.9	64	7	7			
8	92	56	74	0	0	0	9	0	0	0	25.04	14	SW	11.1	80	1	8			
9	95	54	75	1	0	0	10	0	0	0	25.03	24	SW	13.9	100	0	9			
10	93	52	73	-1	0	0	8	0	0	0	24.99	28	SW	13.9	100	0	10			
11	93	56	75	1	0	0	10	0	0	0	25.01	16	SW	13.0	94	0	11			
12	97	52	75	2	0	0	10	0	0	0	25.04	21	SW	11.1	80	3	12			
13	97	54	76	3	0	0	11	0	0	0	25.08	20	S	5.1	37	8	13			
14	94	67	81*	8	0	0	16	0	0	0	25.09	16	N	5.7	42	9	14			
15	96	61	79	6	0	0	14	0	0	0	25.05	20	SE	8.2	60	7	15			
16	93	62	78	5	0	0	13	0	0	0	25.04	29	W	7.2	53	7	16			
17	91	64	78	5	0	0	13	0	0	0	25.03	21	SW	11.9	87	7	17			
18	93	57	75	3	0	0	10	0	0	0	25.07	25	SW	11.9	87	2	18			
19	94	59	77	5	0	0	12	0	0	0	25.12	19	SW	13.0	96	0	19			
20	93	54	74	2	0	0	9	0	.10	0	25.14	26	SE	6.8	50	7	20			
21	84	59	72	0	0	0	7	0	.01	0	25.12	23	W	8.1	60	7	21			
22	88	54	71	0	0	0	6	0	0	0	25.06	20	SW	12.0	90	2	22			
23	91	50	71	0	0	0	6	0	0	0	24.92	34	SW	13.4	100	0	23			
24	87	48	68	-3	0	0	3	0	0	0	24.91	28	SW	13.3	100	0	24			
25	86	50	68	-3	0	0	3	0	0	0	24.85	34	SW	13.3	100	1	25			
26	86	47	67	-3	0	0	2	0	0	0	24.91	33	SW	13.3	100	0	26			
27	81	45	63	-7	2	0	0	0	0	0	24.94	31	SW	13.2	100	0	27			
28	83	37*	60*	-10	5	0	0	0	0	0	25.05	18	N	13.2	100	0	28			
29	88	40	64	-5	1	0	0	0	0	0	25.01	12	SW	12.3	93	0	29			
30	88	43	66	-3	0	0	1	0	0	0	24.90	23	S	12.0	92	4	30			
31	85	54	70	1	0	0	5	0	0	0	24.84	34	SW	8.6	66	6	31			
Sum	2799	1677				8	241				25.01	34	SW	11.9	117					
Avg.	90.3	54.1	72.2	0.0		1								422.3	76	3.8				
Number of days		Season to date		Total		Total		Snow, ice pellets		Greatest in 24 hours and dates		Greatest depth on ground of snow, ice pellets or ice and date								
Maximum Temp. ≥ 90° F		Minimum Temp. ≤ 32°		8		582		Thunderstorms		Precipitation		Snow, ice pellets								
17		0		0		0		Clear 16		Partly cloudy 11		Cloudy 4								

HOURLY PRECIPITATION (Water equivalent in inches)

Date	A. M. Hour ending at												P. M. Hour ending at												Date
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31

\* Extreme temperatures for the month. May be the last of more than one occurrence.  
 † Below zero temperature or negative departure from normal.  
 ‡ ≥ 70° at Alaskan stations.  
 § Also on an earlier date, or dates.  
 ¶ Heavy fog restricts visibility to 1/4 mile or less.  
 \* In the Hourly Precipitation table and in columns 9, 10, and 11 indicates an amount too small to measure.  
 The season for degree days begins with July for heating and with January for cooling.  
 Data in columns 6, 12, 13, 14, and 15 are based on 8 observations per day at 3-hour intervals.  
 Wind directions 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 directions are tens of degrees from true North: i.e., 09 = East, 18 = South, 27 = West, 36 = North.

Subscription Price: Local Climatological Data \$ 2.00 per year including annual issue if published, foreign mailing 75c extra. Single copy: 20c for monthly issue; 15c 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 publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at

SUMMARY BY HOURS

Hour Local time	Sky cover Tenths	Station pressure In.	Temperature				Relative humidity %	Wind speed m.p.h.	Direction	Resultant wind Speed m.p.h.
			Air °F	Wet bulb °F	Dew Pt. °F	Humidity %				
02		25.02	60							
05	3	25.03	58	48	38	50	8.1	21	7.4	
08	3	25.06	67	52	40	40	9.4	21	8.7	
11	3	25.05	82	57	37	22	13.4	21	10.7	
14	5	25.00	87	57		17	14.8	21		
17		24.97	85						9.0	





LOCAL CLIMATOLOGICAL DATA  
 U.S. DEPARTMENT OF COMMERCE  
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
 ENVIRONMENTAL DATA SERVICE

NAT WEATHER SERVICE MET OBSY  
 MILFORD AIRPORT  
 OCTOBER 1973

Latitude 38° 26' N Longitude 113° 01' W Elevation (ground) 5028 ft. Standard time used: MOUNTAIN WBAN #23176

Date	Temperature °F						Degree days Base 65°		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 11AM In.	Precipitation		Avg. station pressure in. Elev. 5033 feet m.s.l.	Wind			Sunshine		Sky cover Tenths		Date
	Maximum	Minimum	Average	Departure from normal	Average dew point	Heating	Cooling	Water equivalent In.			Snow, ice pellets In.	Resultant direction		Resultant speed m.p.h.	Average speed m.p.h.	Fastest mile	Hours and tenths	Percent of possible	Sunrise to sunset	Midnight to midnight	
1	79	35	57	0		8	0			0	0	24.95		29	SW	8.0	68	4		1	
2	76	42	59	-2		6	0			0	0	24.94		27	SW	6.3	53	9		2	
3	64	34	49	-1		16	0			0	0	25.12		22	NE	11.7	100	0		3	
4	65	24	43	-1.3		22	0			0	0	25.15		16	NE	11.7	100	0		4	
5	78	24	51	-1.3		14	0			0	0	24.97		28	SW	11.6	100	0		5	
6	78	36	54	-1		11	0			0	0	24.91		27	SW	7.3	63	7		6	
7	72	48	60*	-1		5	0			0	0	24.83		30	SW	5.8	50	9		7	
8	52	46	45	-1.5		20	0			0	0	24.75		27	SW	0.6	5	10		8	
9	44	31	38	-1.6		27	0			.42	3.2	24.85		16	N	0.9	8	10		9	
10	50	34	42	-1.2		23	0			T		24.93		15	N	2.2	19	9		10	
11	55	25	40	-1.3		25	0			T		24.90		7	S	6.7	59	7		11	
12	65	28	47	-1.6		18	0			0	0	25.00		13	SW	10.1	89	3		12	
13	72	31	52	-1		13	0			0	0	25.18		11	N	11.3	100	0		13	
14	72	32	55	-1		10	0			0	0	25.17		20	SW	11.3	100	0		14	
15	80	34	57	-1		8	0			0	0	25.14		16	SW	11.2	99	3		15	
16	79	34	57	-1		8	0			0	0	25.13		10	N	11.2	100	0		16	
17	80*	32	56	-1		9	0			0	0	25.17		12	N	11.2	100	0		17	
18	79	34	57	-1		8	0			0	0	25.17		15	SW	10.3	93	1		18	
19	78	35	57	-1		8	0			0	0	25.10		16	SW	9.7	87	1		19	
20	73	43	58	-1		7	0			0	0	24.96		32	SW	11.0	100	0		20	
21	72	33	53	-1		12	0			0	0	24.98		28	SW	9.7	88	5		21	
22	75	43	59	-1		6	0			0	0	24.98		27	SW	9.1	83	6		22	
23	68	32	50	-1		15	0			0	0	24.95		45	SW	6.3	58	7		23	
24	57	22	40	-1.7		25	0			0	0	25.10		17	N	10.8	99	0		24	
25	62	27	45	-1.7		20	0			0	0	25.00		17	NE	8.9	82	3		25	
26	56	32	44	-1.7		21	0			0	0	25.16		21	N	10.8	100	0		26	
27	62	20	41	-1.7		24	0			0	0	25.27		17	NE	10.8	100	0		27	
28	70	22	46	-1		19	0			0	0	25.15		21	SW	10.7	100	0		28	
29	50	24	37	-1.8		28	0			0	0	25.14		25	N	8.8	82	2		29	
30	54	19*	37*	-1.8		28	0			0	0	25.19		15	N	10.7	100	1		30	
31	65	21	43	-1		22	0			0	0	24.98		26	SW	10.6	100	0		31	
Sum		Sum		Total		Total		Number of days		Total		For the month:		Total		%		Sum		Sum	
2084		963		486		0		Precipitation		.77		3.2		25.04				45		SW 277.3 for 97	
Avg.		Avg.		Avg.		Avg.		Precipitation		Dep.		Date: 23		Possible month		Avg.		Avg.		Avg.	
67.2		31.1		49.2		-1.5		Season to date		Snow, ice pellets		≥ 0.1 inch		2		0.00		347.0		80 3.1	
Maximum Temp.		Minimum Temp.		Total		Total		Season to date		Snow, ice pellets		≥ 1.0 inch		1		Greatest in 24 hours and dates		Greatest depth on ground of snow, ice pellets or ice and date			
≥ 90° F		≤ 32°		≥ 32°		≤ 0°		Precipitation		Precipitation		Snow, ice pellets		9		1		9			
0		0		17		0		Clear 20		Partly cloudy 6		Cloudy 5									

HOURLY PRECIPITATION (Water equivalent in inches)

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

Extreme temperatures for the month. May be the last of more than one occurrence.  
 - Below zero temperature or negative departure from normal.  
 † ≥ 70° at Alaskan stations.  
 \* Also on an earlier date, or dates.  
 X Heavy fog restricts visibility to ¼ mile or less.  
 T In the Hourly Precipitation table and in columns 9, 10, and 11 indicates an amount too small to measure.  
 The season for degree days begins with July for heating and with January for cooling.  
 Data in columns 6, 12, 13, 14, and 15 are based on 8 observations per day at 3-hour intervals.  
 Wind directions 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 directions are tens of degrees from true North; i.e., 09 = East, 18 = South, 27 = West, 36 = North.

Subscription Price: Local Climatological Data \$ 2.00 per year including annual issue if published, foreign mailing 75¢ 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 publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

SUMMARY BY HOURS

Hour time	Sky cover Tenths	Station pressure In.	Temperature				Relative humidity %	Wind speed m.p.h.	Direction	Speed m.p.h.
			Air °F	Wet bulb °F	Dew Pt. °F	Resultant wind				
02		25.04	40							
05		25.05	36							
08		25.07	40							
11		25.07	40							
14		25.02	58							
17		25.00	63							
20		25.02	48							





LOCAL CLIMATOLOGICAL DATA  
U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

MILFORD, UTAH  
NAT WEATHER SERVICE MET OBSY  
MILFORD AIRPORT  
NOVEMBER 1973

Latitude 38° 26' N Longitude 113° 01' W Elevation (ground) 5026 ft. Standard time used: MOUNTAIN WBAN #23176

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 11AM In.	Precipitation Water equivalent In.	Snow, ice pellets in.	Avg. station pressure In. Elev. 5033 feet m.s.l.	Wind			Sunshine		Sky cover Tenths		Date
	Maximum	Minimum	Average	Departure from normal	Average dew point	Degree days Base 65°							Resultant direction	Resultant speed m.p.h.	Average speed m.p.h.	Speed m.p.h.	Direction	Hours and tenths	Percent of possible	
1	65	34	50	7	15	0	0	0	0	0	24.74	5.3	N	5	3	19	5	1		
2	59	19	39	-4	26	0	0	0	0	0	24.80	27	N	3.9	37	4	2			
3	34	29	32	-10	33	0	0	0	.27	3.7	24.92	19	N	0.0	0	10	3			
4	29	10	20	-21	45	0	0	0	T	T	25.03	9	N	0.0	0	10	4			
5	56	27	42	1	23	0	2	2	0	0	25.01	32	SW	7.3	70	10	5			
6	65	34	50	10	15	0	0	0	0	0	25.06	28	SW	6.6	63	9	6			
7	66	40	53	13	12	0	0	0	0	0	25.06	26	SW	7.9	76	8	7			
8	71	37	54*	14	11	0	0	0	0	0	25.07	24	SW	10.3	100	1	8			
9	72*	26	49	10	16	0	0	0	0	0	25.12	20	SW	9.1	86	1	9			
10	71	35	53	14	12	0	0	0	0	0	25.14	17	SW	7.4	72	7	10			
11	67	37	52	14	13	0	0	0	0	0	25.12	26	SW	1.5	15	10	11			
12	67	38	53	15	12	0	0	0	0	0	24.93	56	SW	3.2	31	8	12			
13	57	24	41	4	24	0	0	0	0	0	24.86	30	SW	5.2	51	8	13			
14	51	24	38	1	27	0	0	0	0	0	24.99	19	N	8.3	82	4	14			
15	59	18	39	3	26	0	0	0	0	0	25.03	19	SW	6.4	63	9	15			
16	55	29	42	6	23	0	0	0	0	0	24.89	24	SW	7.5	74	7	16			
17	54	29	42	7	23	0	0	0	0	0	24.89	26	SW	6.4	64	4	17			
18	49	34	42	7	23	0	0	0	.39	T	24.73	36	SW	0.3	3	10	18			
19	37	28	33	-1	32	0	0	0	.07	T	24.87	26	N	0.2	2	10	19			
20	38	16	27	-7	38	0	0	0	0	0	24.86	23	SW	3.3	33	10	20			
21	40	19	30	-3	35	0	0	0	0	T	24.76	26	SW	1.1	11	10	21			
22	34	17	26	-7	39	0	0	0	.02	.4	24.84	14	SW	0.2	2	10	22			
23	35	18	27	-6	38	0	0	0	.01	.1	24.91	17	SW	2.7	27	8	23			
24	39	19	29	-4	36	0	0	0	.08	1.2	24.83	27	N	1.4	14	9	24			
25	29	0*	15*	-17	50	0	1	1	0	0	24.70	25	SW	4.5	46	9	25			
26	33	8	21	-11	44	0	1	1	.03	.3	24.71	25	S	2.8	29	8	26			
27	37	9	23	-9	42	0	1	1	0	0	25.18	17	SW	9.8	100	0	27			
28	49	15	32	0	33	0	0	0	0	0	25.29	17	SW	9.8	100	0	28			
29	50	24	37	5	28	0	0	0	0	0	25.09	19	SW	5.9	61	10	29			
30	57	30	44	12	21	0	0	0	0	0	25.03	23	SW	7.9	81	8	30			

Sum	Sum			Total	Total			Total	Total	For the month:	Total	%	Sum	Sum	
1525	727			815	0			.87	6.4	24.95	56 SW	146.2	217		
Avg.	Avg.	Avg.	Dep.	Avg.	Dep.	Dep.		Dep.			Date: 12	Possible	for month	Avg.	Avg.
50.8	24.2	37.5	1.4	-16				0.35				303.2	48	7.2	

HOURLY PRECIPITATION (Water equivalent in inches)

Date	A. M. Hour ending at												P. M. Hour ending at												Date	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
1																									1	
2																										2
3																										3
4																										4
5																										5
6																										6
7																										7
8																										8
9																										9
10																										10
11																										11
12																										12
13																										13
14																										14
15																										15
16																										16
17																										17
18																										18
19																										19
20																										20
21																										21
22																										22
23																										23
24																										24
25																										25
26																										26
27																										27
28																										28
29																										29
30																										30

\* Extreme temperatures for the month. May be the last of more than one occurrence.  
- Below zero temperature or negative departure from normal.  
‡ ≅ 70° at Alaskan stations.  
+ Also on an earlier date, or dates.  
X Heavy fog restricts visibility to 1/4 mile or less.  
T In the Hourly Precipitation table and in columns 9, 10, and 11 indicates an amount too small to measure.  
The season for degree days begins with July for heating and with January for cooling.  
Data in columns 6, 12, 13, 14, and 15 are based on 8 observations per day at 3-hour intervals.  
Wind directions 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 directions are tens of degrees from true North: i.e. 09 = East, 18 = South, 27 = West, 36 = North.

Subscription Price: Local Climatological Data \$ 2.00 per year including annual issue if published, foreign mailing 75c extra. Single copy: 20c for monthly issue; 15c 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 publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at

Hour	Time	Sky cover Tenths	TEMPERATURE					Wind speed m.p.h.	Direction	Resultant wind Speed m.p.h.
			Station pressure, in.	Air °F	Wet bulb °F	Dew Pt. °F	Relative humidity %			
02			24.95	31						
05			24.94	30						
08			24.96	31						
11			24.97	44						
14			24.92	49						
17			24.92	45						





U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

WILDFORD AIRPORT  
JANUARY 1974

Latitude 38° 26' N Longitude 113° 01' W Elevation (ground) 5028 ft. Standard time used: MOUNTAIN WBAN #23176

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 11AM In.	Precipitation		Avg. station pressure In. Elev. 5033 feet m.s.l.	Wind			Sunshine		Sky cover Tenths		Date
	Maximum	Minimum	Average	Departure from normal	Average dew point	Heating	Cooling			Water equivalent In.	Snow, ice pellets In.		Resultant direction	Resultant speed m.p.h.	Average speed m.p.h.	Fastest mile	Hours and tenths	Percent of possible	Sunrise to sunset	
1	20	6	13	-13	43	52	0			.15	2.1	24.75	26	N	0.0	0	20	1		
2	12	-13	-1*	-27	66	66	0			0	0	25.02	12	N	9.6	100	0	2		
3	20	-17*	2	-23	63	63	0			0	0	25.00	9	S	9.6	100	0	3		
4	30	-8	11	-14	54	54	0			.02	2	24.79	20	SW	4.7	49	7	4		
5	30	22	26	1	39	39	0			.22	3.7	24.65	32	SW	0.8	8	10	5		
6	34	18	26	1	39	39	0			.02	2	24.87	20	SW	2.6	27	10	6		
7	35	27	31	6	34	34	0			.01	2	24.79	21	SW	0.0	0	10	7		
8	30	20	25	0	40	40	0			.13	2.0	24.80	26	N	4.3	45	8	8		
9	25	-5	10	-15	55	55	0			T	T	24.80	11	N	4.2	43	7	9		
10	30	-5	13	-12	52	52	0			T	T	24.88	26	SW	7.7	79	3	10		
11	30	6	18	-7	47	47	0			0	0	25.04	24	SW	3.4	35	10	11		
12	37	26	32	7	33	33	0			.05	.5	25.06	31	SW	0.3	3	10	12		
13	39	20	30	5	35	35	0			0	0	25.15	29	SW	6.0	62	7	13		
14	40	10	25	0	40	40	0			0	0	25.23	22	SW	8.8	90	3	14		
15	44*	19	32	7	33	33	0			0	0	25.13	26	SW	8.7	89	6	15		
16	47*	22	35	10	30	30	0			0	0	25.07	21	SW	6.9	70	4	16		
17	42	28	35	10	30	30	0			.26	0	25.06	17	SW	0.3	3	10	17		
18	39	20	30	5	35	35	0			0	0	25.14	23	SW	4.8	48	9	18		
19	46	27	37*	12	28	28	0			0	0	24.96	23	SW	7.6	77	5	19		
20	35	23	29	3	36	36	0			.31	5.3	24.83	16	SW	0.0	0	10	20		
21	32	2	17	-9	48	48	0			.29	5.1	25.03	7	N	5.4	55	5	21		
22	19	-13	3	-23	62	62	0			0	0	25.30	24	NE	6.1	61	3	22		
23	27	-2	13	-13	52	52	0			0	0	25.21	14	N	4.8	48	7	23		
24	29	-4	13	-13	52	52	0			0	0	25.22	10	W	9.6	96	4	24		
25	35	1	18	-8	47	47	0			0	0	24.94	26	SW	7.4	73	4	25		
26	28	9	19	-8	46	46	0			.05	1.0	24.88	22	S	2.8	28	8	26		
27	30	1	16	-11	49	49	0			0	0	25.09	24	SW	8.4	83	2	27		
28	39	7	23	-4	42	42	0			T	T	25.05	21	SW	9.6	94	1	28		
29	32	0	16	-11	49	49	0			0	0	25.04	24	SW	8.8	86	7	29		
30	39	17	28	0	37	37	0			0	0	24.97	20	SW	10.2	100	2	30		
31	41	15	28	0	37	37	0			0	0	24.97	26	SW	0.2	2	10	31		
Sum	Sum				Total	Total				Total	Total	For the month:			Total	% for	Sum	Sum		
1016	279				1362	0				1.51	20.3	24.99			32	SW	163.6	192		
Avg.	Avg.	Avg.	Dep.	Avg.	Dep.	Dep.				Dep.			Date:	05	Possible month	Avg.	Avg.			
32.8	2.0	20.9	-4.8		144	0				0.90					304.9	54	6.2			
Number of days		Season to date		Snow, ice pellets		Greatest in 24 hours and dates		Greatest depth on ground of snow, ice pellets or ice and date												
Maximum Temp.	Minimum Temp.	Maximum Temp.	Minimum Temp.	2928	0	Thunderstorms	Precipitation	Snow, ice pellets												
≤ 90° †	≥ 32*	≥ 32*	≥ 0*	Dep.	Dep.	Heavy fog X	.60 20-21	10.4 20-21												
0	16	31	9	181	0	Clear 8	Partly cloudy 11	Cloudy 12												

HOURLY PRECIPITATION (Water equivalent in inches)

Date	A. M. Hour ending at												P. M. Hour ending at												Date
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1	T	.01	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	T	T	T	T	T	T	T	T	T	T	T	1	
2																									2
3																									3
4																									4
5	.03	.03	.02	.02	.01	.02	.01	T	T	.03	.01	.01	T	T	T	T	T	T	T	T	T	T	T	5	
6	.01	T		T	T	T	T	T	.01	T	T		T	T	T	T	T	T	T	T	T	T	T	6	
7				T	T	T	T	T					T	T	T	T	T	T	T	T	T	T	T	7	
8	.01	T	.02	.03	.05	.02	T	T	T															8	
9																								9	
10	T	T	T	T	T	T	T	T																10	
11																								11	
12		.02	.02	.01	T																			12	
13																								13	
14																								14	
15																								15	
16																								16	
17						T	T	.02	.10	.06	.02		T	.04	T	T	.02	T						17	
18																								18	
19																								19	
20	.07	.03	.02	.03	.09	.02	.02	.01	T	T	T		.04	.05	.06	.06	.04	.02	.02	T			.02	20	
21																								21	
22																								22	
23																								23	
24																								24	
25																								25	
26																								26	
27																								27	
28		T	T																					28	
29																								29	
30																								30	
31																								31	

\* Extreme temperatures for the month. May be the last of more than one occurrence.  
- Below zero temperature or negative departure from normal.  
† ≥ 70° at Alaskan stations.  
+ Also on an earlier date, or dates.  
X Heavy fog restricts visibility to 1/4 mile or less.  
T in the Hourly Precipitation table and in columns 9, 10, and 11 indicates an amount too small to measure.  
The season for degree days begins with July for heating and with January for cooling.  
Data in columns 8, 12, 13, 14, and 15 are based on 8 observations per day at 3-hour intervals.  
Wind directions 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 directions are tens of degrees from true North, i.e., 09 = East, 18 = South, 27 = West, 36 = North, and 00 = Calm. When directions are in tens of degrees in Col. 17, entries in Col. 16 are fastest observed

Subscription Price: Local Climatological Data \$ 2.00 per year including annual issue if published, foreign mailing 75c extra. Single copy: 20c for monthly issue; 15c 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 publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

SUMMARY BY HOURS

Hour time	Sky cover Tenths	Station pressure In.	Temperature				Wind speed m.p.h.	Direction	Resultant wind m.p.h.
			Air °F	Wet bulb °F	Dew pt. °F	Relative humidity %			
02		24.99	18						
05	5	24.98	17	19	15	83	11.1	22 7.2	
08	4	24.99	16	15	12	85	9.8	21 4.8	
11	6	25.02	24	22	17	75	11.7	20 6.6	
14	6	24.97	30	27	21	68	12.9	21 6.8	
17		24.98	28						
20		24.99	22						
23		25.00	20						





NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

LATITUDE 38° 26' N LONGITUDE 113° 01' W ELEVATION (GROUND) 5028 FT. STANDARD TIME USED: MOUNTAIN WBAN #23176

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 QUINISTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW-ICE PELLETS OR ICE ON GROUND AT 11AM IN.	PRECIPITATION		AVG. STATION PRESSURE IN. - 5033 FEET M.S.L.	WIND			SUNSHINE		SKY COVER TENTHS		DATE		
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS BASE 65°		WATER EQUIVALENT IN			SNOW-ICE PELLETS IN.	RESULTANT DIRECTION		RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE		HOURS AND TENTHS	PERCENT OF POSSIBLE	SUNRISE TO SUNSET		MIDNIGHT TO MIDNIGHT	
						HEATING	COOLING									SPEED M.P.H.	DIRECTION						
1	58	37	48	13		17	0		T	0	0	24.91			45	SW	10.6	94	7	1			
2	54	24	39	4		26	0		T	.04	0	24.63			50	SW	4.4	38	9	2			
3	43	24	34	-1		31	0		T	.03	.6	24.72			24	NE	4.1	36	7	3			
4	38	17	28*	-7		37	0		T	0	0	25.01			14	N	11.5	100	3	4			
5	54	18	36	1		28	0		T	0	0	24.94			18	SW	11.5	100	1	5			
6	57	29	43	7		22	0		T	0	0	24.71			34	SW	9.6	83	6	6			
7	54	29	42	6		23	0		T	0	0	24.62			38	SW	10.1	87	4	7			
8	49	29	39	3		26	0		T	0	0	24.74			16	SW	2.2	18	10	8			
9	49	28	39	3		26	0		T	0	0	24.94			21	NE	2.2	18	10	9			
10	51	34	43	8		22	0		T	0	0	24.86			18	SW	6.7	57	8	10			
11	55	33	44	7		21	0		T	.04	0	25.02			24	SW	10.8	82	2	11			
12	61	28	45	8		20	0		T	0	0	25.06			24	SW	9.4	80	6	12			
13	66	35	51	14		14	0		T	0	0	24.99			18	SW	10.6	80	10	13			
14	66	28	47	10		18	0		T	0	0	24.97			18	SW	9.4	79	10	14			
15	63	35	49	11		16	0		T	0	0	25.05			17	N	11.2	94	9	15			
16	71	31	51	13		14	0		T	0	0	25.06			25	SW	9.0	67	9	16			
17	72*	44	58*	20		7	0		T	0	0	25.03			25	SW	9.9	33	10	17			
18	53	32	43	5		22	0		T	0	0	24.94			26	NE	9.0	74	10	18			
19	58	22	40	1		25	0		T	0	0	24.92			10	N	9.0	70	10	19			
20	44	23	34	-3		31	0		T	0	0	25.00			27	NE	12.1	100	7	20			
21	57	14*	36	-5		29	0		T	0	0	24.98			13	NE	12.2	100	4	21			
22	61	17	39	-1		26	0		T	0	0	24.84			17	E	9.8	72	22	22			
23	55	23	39	-1		26	0		T	0	0	24.84			17	E	12.3	100	1	23			
24	61	21	41	1		24	0		T	0	0	24.92			17	SE	12.4	100	2	24			
25	65	36	51	11		14	0		T	0	0	24.94			27	SE	9.3	25	9	25			
26	60	36	48	7		17	0		T	0	0	24.94			28	SE	1.2	10	10	26			
27	62	29	46	8		19	0		T	0	0	24.94			29	SE	8.8	71	8	27			
28	60	37	49	8		16	0		T	0	0	25.00			34	SE	1.4	11	10	28			
29	69	33	51	9		14	0		T	0	0	25.03			26	SE	4.5	36	9	29			
30	64	41	53	11		12	0		T	.10	0	24.76			45	SE	2.5	20	10	30			
31	51	32	42	0		23	0		T	.12	.2	24.83			26	N	8.5	68	5	31			
SUM	1781	899				667	0			.45	.8	24.91			50	SW	241.6		209				
AVG.	57.5	29.0	43.3	5.2		-16.7	0								DATE: 02		370.8		65	6.7			
SEASON TO DATE								SNOW-ICE PELLETS > 1.0 INCH		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.											
MAXIMUM TEMP. > 90°								THUNDERSTORMS		PRECIPITATION		SNOW-ICE PELLETS		ICE PELLETS OR ICE AND DATE									
0								0		.22 30-31		.6 3		1 4+									
TOTAL								TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL	
135								0		7		PARTLY CLOUDY 8		CLOUDY 16									

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

HOUR	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
1																								
2				T	T	T	T					T												
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10		T	T	.01	.01	.02	T																	
11																								
12																								
13																								
14																								
15																								
16																								
17																								
18																								
19																								
20																								
21																								
22																								
23																								
24																								
25																								
26																								
27																								
28																								
29																								
30																								
31	.03	.02	.03	.01			T	.03	T															

\* EXTREME TEMPERATURES FOR THE MONTH. MAY BE THE LAST OF MORE THAN ONE OCCURRENCE.  
- BELOW ZERO TEMPERATURE OR NEGATIVE DEPARTURE FROM NORMAL.  
+ 70° AT ALASKAN STATIONS.  
\* ALSO ON AN EARLIER DATE, OR DATES.  
X HEAVY FOG RESTRICTS VISIBILITY TO 1/4 MILE OR LESS.  
T IN THE HOURLY PRECIPITATION TABLE AND IN COLUMNS 9, 10, AND 11 INDICATES AN AMOUNT TOO SMALL TO MEASURE  
THE SEASON FOR DEGREE DAYS BEGINS WITH JULY FOR HEATING AND JANUARY FOR COOLING.  
DATA IN COLUMNS 8, 12, 13, 14, AND 16 ARE BASED ON 8 OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.  
WIND DIRECTIONS 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 DIRECTIONS ARE TENS OF DEGREES FROM TRUE NORTH; I.E., 09-EAST, 18-SOUTH, 27-WEST, 36-NORTH.

SUBSCRIPTION PRICE: LOCAL CLIMATOLOGICAL DATA \$2.00 PER YEAR INCLUDING ANNUAL ISSUE IF PUBLISHED. FOREIGN MAILING 75¢ 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 28601.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA, 28601.

SUMMARY BY HOURS

HOUR	LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	AVERAGES				RESULTANT WIND		
				TEMPERATURE	RELATIVE HUMIDITY %	WIND SPEED N.P.H.	DIRECTION	SPEED M.P.H.		
02			24.92	35						
05	4		24.92	34	31	25	70	8.4	21	5.7
08	5		24.93	36	32	25	67	11.0	22	6.1
11	7		24.94	50	38	25	42	15.8	21	6.7
14	6		24.89	55	41	22	30	17.1	22	6.8
17			24.87	53						
20			24.89	44						

MILFORD, UTAH



LATITUDE 38° 26' N

LONGITUDE 113° 01' W

ELEVATION (GROUND) 5028 FT.

STANDARD TIME USED: MOUNTAIN

WBAN #23176

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 QUITSFORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW, ICE PELLETS OR ICE ON GROUND AT 11AM IN.	PRECIPITATION		AVG. STATION PRESSURE IN. IN. FEET M.S.L.	WIND			SUNSHINE HOURS AND PERCENT OF POSSIBLE	SKY COVER TENTHS		DATE			
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS BASE 65°		WATER EQUIVALENT IN			SNOW, ICE PELLETS IN.	RESULTANT SPEED M.P.H.		DIRECTION	FASTEST MILE	HOURS AND PERCENT		SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT				
						HEATING	COOLING																
1	63	34	49	6			16	0		0	.10	0	24.73			36	SW	2.7	21	9	1		
2	44	29	37	-6			28	0		0	.36	2.7	24.70			27	W	2.7	21	10	2		
3	46	22	34	-9			31	0		0	0	0	24.95			19	N	9.8	77	4	3		
4	51	23	37	-7			28	0		0	0	0	25.22			17	N	12.8	100	0	4		
5	66	25	46	2			19	0		0	0	0	25.08			28	SW	10.4	81	8	5		
6	59	33	46	2			19	0		0	T	0	0			22	NE	10.4	81	3	6		
7	55	24	40	-3			25	0		0	0	0	25.17			17	NE	12.3	95	2	7		
8	71	24	48	3			17	0		0	0	0	25.01			29	SW	9.0	70	10	8		
9	61	30	46	1			19	0		0	.02	.3	24.62			45	SW	7.3	56	7	9		
10	39	26	33	-12			32	0		0	.15	T	24.74			11	SW	0.0	0	10	10		
11	51	31	41	-5			24	0		T	.19	2.1	24.95			15	N	7.2	55	7	11		
12	56	24	40	-6			25	0		0	0	0	24.90			39	NE	11.0	84	3	12		
13	47	17*	32*	-14			33	0		0	0	0	25.11			19	N	12.9	98	1	13		
14	55	26	41	-6			24	0		0	0	0	25.18			18	N	13.2	100	0	14		
15	64	23	44	-3			21	0		0	0	0	25.07			13	W	13.2	100	0	15		
16	68	25	47	0			18	0		0	0	0	24.96			17	SW	13.2	100	1	16		
17	73	28	51	3			14	0		0	0	0	24.97			15	SW	13.3	100	0	17		
18	71	37	54	6			11	0		0	0	0	24.75			50	SW	9.5	71	6	18		
19	55	27	41	-7			24	0		T	0	0	24.71			24	SW	4.3	32	10	19		
20	57	33	45	-4			20	0		0	0	0	24.87			16	NE	7.9	59	8	20		
21	61	26	44	-5			21	0		0	0	0	25.05			18	NE	12.5	93	3	21		
22	74	26	50	1			15	0		0	0	0	24.99			22	SW	10.0	74	6	22		
23	74	33	54	4			11	0		0	0	0	24.81			42	SW	12.6	93	5	23		
24	73	45	59*	9			6	0		0	0	0	24.87			52	SW	11.4	84	4	24		
25	75*	37	56	6			9	0		0	0	0	24.86			50	SW	13.6	100	0	25		
26	60	32	46	-5			19	0		T	0	0	24.91			29	W	7.8	57	8	26		
27	59	26	43	-8			22	0		0	0	0	25.02			19	N	12.4	91	2	27		
28	58	23	41	-10			24	0		0	0	0	25.05			19	NE	13.6	99	5	28		
29	61	22	42	-9			23	0		0	0	0	25.15			25	N	13.7	100	0	29		
30	72	25	49	-3			16	0		0	0	0	25.11			13	N	12.8	93	3	30		
SUM		SUM		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		FOR THE MONTH:		TOTAL		%		SUM		SUM	
1819		836		614		0		NUMBER OF DAYS		.82		5.1				52		SW		303.5		FOR 140	
AVG.		AVG.		AVG.		DEP.		AVG.		PRECIPITATION		DEP.				DATE: 24		POSSIBLE		MONTH		AVG.	
60.6		27.9		44.3		-2.9		80		0		>.01 INCH		5		-0.08							
SEASON TO DATE		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.																	
NUMBER OF DAYS		> 1.0 INCH		2		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.															
MAXIMUM TEMP.		MINIMUM TEMP.		6271		0		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS											
90		32		32		0		.46		1-2		2.7		2									
0		0		23		0		215		0		CLEAR 13		PARTLY CLOUDY 9		CLOUDY 8							

## HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									
2	.10	.04	T	T	.04		T	.02	.02														.02	.08	
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11	T	T	.04	.03	.09	.02	.01	T															.02	T	
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									

\* EXTREME TEMPERATURES FOR THE MONTH, MAY BE THE LAST OF MORE THAN ONE OCCURRENCE.  
 - BELOW ZERO TEMPERATURE OR NEGATIVE DEPARTURE FROM NORMAL.  
 \* 70° AT ALASKAN STATIONS.  
 \* ALSO ON AN EARLIER DATE, OR DATES.  
 X HEAVY FOG RESTRICTS VISIBILITY TO 1/4 MILE OR LESS.  
 T IN THE HOURLY PRECIPITATION TABLE AND IN COLUMNS 9, 10, AND 11 INDICATES AN AMOUNT TOO SMALL TO MEASURE

THE SEASON FOR DEGREE DAYS BEGINS WITH JULY FOR HEATING AND JANUARY FOR COOLING.  
 DATA IN COLUMNS 8, 12, 13, 14, AND 15 ARE BASED ON 8 OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.  
 WIND DIRECTIONS 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 DIRECTIONS ARE TENS OF DEGREES FROM TRUE NORTH: I.E., 09-EAST, 18-SOUTH, 27-WEST, 36-NORTH, AND 00-CALM. WHEN DIRECTIONS ARE IN TENS OF DEGREES IN COL. 17, ENTRIES IN COL. 16 ARE FASTEST OBSERVED

SUBSCRIPTION PRICE: LOCAL CLIMATOLOGICAL DATA \$2.00 PER YEAR INCLUDING ANNUAL ISSUE IF PUBLISHED. FOREIGN MAILING 75¢ 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 PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA, 28801

## SUMMARY BY HOURS

HOUR	LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	AVERAGES				RESULTANT WIND		
				TEMPERATURE		RELATIVE HUMIDITY %	MIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.	
				AIR °F	BULB °F					
02		24.95	34							
05	4	24.95	33	29	22	67	7.8	22	4.8	
08	6	24.97	40	34	24	56	9.4	21	3.5	
11	5	24.97	53	39	19	30	16.5	24	5.0	
14	9	24.94	57	41	18	26	17.0	21	2.1	
17		24.92	57							
20		24.93	46							
23		24.95	39							



## ENVIRONMENTAL DATA SERVICE

LATITUDE 38° 26' N

LONGITUDE 113° 01' W

ELEVATION (GROUND) 5026 FT.

STANDARD TIME USED: MOUNTAIN

WBAN #23176

DATE	TEMPERATURE °F								WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG X 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 DRIZZLE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLIZZING SNOW	SNOW-ICE PELLETS OR ICE ON GROUND AT 11AM IN.	PRECIPITATION		AVG. 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 BASE 65°		WATER EQUIVALENT IN.			SNOW-ICE PELLETS IN.	RESULTANT DIRECTION		RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE M.P.H.	DIRECTION	HOURS AND TENTHS	PERCENT OF POSSIBLE	SUNRISE TO MIDNIGHT	MIDNIGHT TO MIDNIGHT	
						HEATING	COOLING															
1	77	34	56	4	4	9	0	0	0	0	0	24.93	29	SW	9.3	67	5	1				
2	73	42	58	6	6	7	0	0	0	0	0	24.90	29	SW	10.8	78	6	2				
3	75	29	52	-1	13	13	0	0	0	0	0	24.92	27	SW	12.0	86	6	3				
4	72	34	53	0	12	7	0	.01	0	0	0	24.97	31	NE	9.7	70	4	4				
5	77	39	58	0	0	0	0	0	0	0	0	24.91	24	N	11.5	83	7	5				
6	80	37	59	0	0	6	0	0	0	0	0	24.90	15	NE	12.6	80	4	6				
7	81	37	59	0	0	0	0	0	0	0	0	24.91	16	N	14.0	100	1	7				
8	86	41	64	10	1	1	0	0	0	0	0	24.87	14	W	12.1	86	1	8				
9	87	53	70	15	0	0	0	0	0	0	0	24.80	34	SE	10.4	74	2	9				
10	82	46	64	0	1	1	0	0	0	0	0	24.83	22	N	14.1	100	0	10				
11	83	35	59	4	4	6	0	0	0	0	0	24.90	17	SW	14.1	100	0	11				
12	82	49	66	11	0	0	1	0	0	0	0	24.73	49	SW	11.8	83	3	12				
13	63	43	53	-3	12	12	0	0	0	0	0	24.84	42	N	12.6	89	0	13				
14	79	29	54	-2	11	11	0	0	0	0	0	24.77	24	SW	14.2	100	0	14				
15	80	48	64	8	1	1	0	0	0	0	0	24.67	38	SW	14.3	100	0	15				
16	76	36	56	-1	9	9	0	0	0	0	0	24.69	31	SW	14.3	100	0	16				
17	74	48	61	4	4	4	0	0	0	0	0	24.68	47	SW	12.2	85	4	17				
18	70	42	56	-1	9	9	0	0	0	0	0	24.75	37	SW	11.5	80	9	18				
19	55	36	46*	-11	19	19	0	0	0	0	0	24.73	42	SW	9.2	64	6	19				
20	63	35	49	-9	16	16	0	0	0	0	0	24.99	24	SW	9.9	69	5	20				
21	68	25*	47	-11	18	18	0	0	0	0	0	25.07	12	E	13.1	91	3	21				
22	77	38	58	0	7	7	0	0	0	0	0	24.97	17	W	7.3	50	9	22				
23	80	36	58	-1	1	1	0	0	0	0	0	24.93	24	SW	10.6	73	5	23				
24	82	51	67	8	0	0	2	0	0	0	0	25.01	17	N	11.3	78	3	24				
25	86	41	64	5	1	1	0	0	0	0	0	25.10	17	E	13.9	96	2	25				
26	90	45	68	9	0	0	3	0	0	0	0	25.02	13	SE	12.0	82	2	26				
27	92*	48	70*	10	0	0	5	0	0	0	0	24.87	32	SW	12.4	85	2	27				
28	86	52	69	9	0	0	4	0	0	0	0	24.86	32	SW	14.1	97	2	28				
29	81	49	65	5	0	0	0	0	0	0	0	24.83	33	SW	13.9	95	8	29				
30	80	43	62	2	3	3	0	0	0	0	0	24.89	17	N	14.6	100	5	30				
31	82	41	62	1	3	3	0	0	0	0	0	24.92	17	N	12.7	86	3	31				
SUM		SUM		TOTAL		TOTAL		TOTAL		TOTAL		FOR THE MONTH:		TOTAL		X		SUM				
2419		1262		188		20		PRECIPITATION		.01		0		24.88		49		SW				
AVG.		AVG.		AVG.		AVG.		PRECIPITATION		DEP.				DATE: 12		376.5		FOR				
78.0		40.7		59.4		2.9		>.01 INCH		1		-0.60				442.2		85				
SEASON TO DATE		SNOW-ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.		PRECIPITATION		SNOW-ICE PELLETS		ICE PELLETS OR ICE AND DATE										
NUMBER OF DAYS		MINIMUM TEMP.		6.459		20		THUNDERSTORMS		.01		4		0								
> 90 ° F		< 32 °		< 32 °		< 0 °		HEAVY FOG X		0		0										
2		0		3		0		129		10		CLEAR 16		PARTLY CLOUDY 12		CLOUDY 3						

## HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
1																									1	
2																										2
3																										3
4																										4
5																										5
6																										6
7																										7
8																										8
9																										9
10																										10
11																										11
12																										12
13																										13
14																										14
15																										15
16																										16
17																										17
18																										18
19																										19
20																										20
21																										21
22																										22
23																										23
24																										24
25																										25
26																										26
27																										27
28																										28
29																										29
30																										30
31																										31

\* EXTREME TEMPERATURES FOR THE MONTH. MAY BE THE LAST OF MORE THAN ONE OCCURRENCE.  
- BELOW ZERO TEMPERATURE OR NEGATIVE DEPARTURE FROM NORMAL.  
\* > 70° AT ALASKAN STATIONS.  
+ ALSO ON AN EARLIER DATE. OR DATES.  
X HEAVY FOG RESTRICTS VISIBILITY TO 1/4 MILE OR LESS.  
T IN THE HOURLY PRECIPITATION TABLE AND IN COLUMNS 9, 10, AND 11 INDICATES AN AMOUNT TOO 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 DIRECTIONS 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 DIRECTIONS ARE TENS OF DEGREES FROM TRUE NORTH: I.E., 09-EAST, 18-SOUTH, 27-WEST, 36-NORTH, AND 00-CALM. WHEN DIRECTIONS ARE IN TENS OF DEGREES

SUBSCRIPTION PRICE: LOCAL CLIMATOLOGICAL DATA \$2.00 PER YEAR INCLUDING ANNUAL ISSUE IF PUBLISHED. FOREIGN MAILING 75¢ 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 PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA, 28801

## SUMMARY BY HOURS

HOUR	LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE				RELATIVE HUMIDITY %	WIND SPEED M.P.H.	RESULTANT WIND	
				AIR °F	WET BULB °F	DEW PT. °F	DIRECTION			SPEED M.P.H.	
02			24.88	47							
05	3		24.89	45	36	23	44	8.0	21	4.9	
08	3		24.92	57	42	26	32	11.9	21	5.4	
11	2		24.91	70	47	21	17	13.8	20	5.8	
14	4		24.86	76	49	18	12	16.0	22	6.7	
17			24.83	74							
20			24.84	64							
23			24.87	55							







## ENVIRONMENTAL DATA SERVICE

LATITUDE 36° 26' N

LONGITUDE 113° 01' W

ELEVATION (GROUND) 5020 FT.

STANDARD TIME USED: MOUNTAIN

WBAN #23176

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 11AM IN.	PRECIPITATION			AVG. STATION PRESSURE IN. 5033 FEET M.S.L.	WIND				SUNSHINE		SKY COVER TENTHS		DATE
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS BASE 65°		WATER EQUIVALENT IN.			SNOW PELLETS IN.	RESULTANT DIRECTION	RESULTANT SPEED M.P.H.		AVERAGE SPEED M.P.H.	FASTEST MILE		HOURS AND TENTHS	PERCENT OF POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT		
						HEATING	COOLING									SPEED M.P.H.	DIRECTION						
1	92	54	73	2										30	S	14.8	100	0	1	22			
2	90	56	73	2										29	NE	11.2	76	2	2	3			
3	88	55	72	0										25	N	14.8	100	0	3	4			
4	95	52	74	2										18	NW	13.5	91	1	4	5			
5	96	52	74	2										28	SW	13.4	91	1	5	6			
6	91	52	72	-1										32	SW	14.6	99	1	6	7			
7	88	53	71	-2										36	SW	14.7	100	0	7	8			
8	85	58	72	-1										29	SW	13.9	95	2	8	9			
9	87	56	72	-1										26	SW	14.3	97	2	9	10			
10	86	52	69	-6										40	SW	14.2	96	1	10	11			
11	88	47	68*	-6										15	N	14.7	100	0	11	12			
12	94	45*	70	-4										13	SW	14.7	100	0	12	13			
13	96	50	73	-1										18	SW	7.1	49	7	13	14			
14	98	60	79*	5										25	SW	6.0	41	8	14	15			
15	84	67	76	2										26	SW	8.7	60	8	15	16			
16	84	55	70	-4										26	W	7.0	48	8	16	17			
17	87	52	70	-5										23	NE	8.5	58	6	17	18			
18	91	51	71	-4										18	W	9.2	63	7	18	19			
19	90	61	76	1										24	SW	7.8	54	5	19	20			
20	88	61	75	0										27	SW	6.4	44	7	20	21			
21	90	57	74	-1										19	NE	12.7	88	3	21	22			
22	91	57	74	-2										25	SW	8.1	56	6	22	23			
23	92	61	77	1										26	W	10.9	76	6	23	24			
24	92	57	75	-1										17	W	11.3	78	5	24	25			
25	93	58	76	0										31	N	8.2	57	5	25	26			
26	91	56	74	-2										22	NW	7.7	54	7	26	27			
27	96	57	77	1										22	SW	11.9	83	4	27	28			
28	96	60	78	2										17	N	13.7	96	1	28	29			
29	98*	55	77	1										13	NW	13.0	92	0	29	30			
30	97	57	77	2										34	SW	8.5	60	5	30	31			
31	88	55	72	-3										19	NW	9.1	65	8	31	31			
SUM	SUM					TOTAL	TOTAL			TOTAL	TOTAL			FOR THE MONTH:		TOTAL	%	SUM	SUM				
2823	1719					0	266			1.03	0	25.03			40 SW	344.6	FOR	117					
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.				DEP.					DATE: 10	POSSIBLE	MONTH	AVG.	AVG.				
91.1	55.5	73.3	-1.0			0	-22			0.52						450.7	76	3.8					
NUMBER OF DAYS		TOTAL		TOTAL		SNOW, ICE PELLETS > 1.0 INCH		GREATEST IN 24 HOURS AND DATES				GREATEST DEPTH ON GROUND OF SNOW.											
MAXIMUM TEMP.		MINIMUM TEMP.		0		458		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS		ICE PELLETS OR ICE AND DATE									
< 90 ° F		< 32 ° F		< 0 ° F		DEP.		HEAVY FOG X		.32		20		0		0							
20		0		0		0		72		CLEAR 15		PARTLY CLOUDY 12		CLOUDY 4									

## HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

HOUR	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												HOUR
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31

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

- BELOW ZERO TEMPERATURE OR NEGATIVE DEPARTURE FROM NORMAL.

\* \* \* 70° AT ALASKAN STATIONS.

† ALSO ON AN EARLIER DATE, OR DATES.

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

T IN THE HOURLY PRECIPITATION TABLE AND IN COLUMNS 9, 10, AND 11 INDICATES AN AMOUNT TOO 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 DIRECTIONS 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 DIRECTIONS ARE TENS OF DEGREES FROM TRUE NORTH; I.E., 05=EAST, 18=SOUTH, 27=WEST, 36=NORTH.

AND 00=CALM. WIND DIRECTIONS 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.

SUBSCRIPTION PRICE: LOCAL CLIMATOLOGICAL DATA \$2.00 PER YEAR INCLUDING ANNUAL ISSUE IF PUBLISHED. FOREIGN MAILING 75¢ 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 PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA, 28801

*William H. Haggard*

## SUMMARY BY HOURS

HOUR LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE				RELATIVE HUMIDITY %	WIND SPEED M.P.H.	RESULTANT WIND	
			AIR °F	WET BULB °F	DEW PT. °F	DIRECTION			SPEED M.P.H.	
02		25.03	62							
05	2	25.04	59	50	41	56	7.4	21		5.8
08	3	25.07	70	55	42	41	10.7	20		8.4
11	3	25.06	83	58	38	24	13.1	20		9.7
14		25.02	88							
17		24.88	86							
20		24.89	76							
23		25.02	68							

MILFORD, UTAH

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 11AM IN.	PRECIPITATION		AVG. STATION PRESSURE IN. 5033 ELEV. FEET M.S.L.	WIND			SUNSHINE		SKY COVER TENTHS		DATE			
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS BASE 65°				WATER EQUIVALENT IN	SNOW, ICE PELLETS IN.		RESULTANT DIRECTION	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE M.P.H.	DIRECTION	HOURS AND TENTHS	PERCENT OF POSSIBLE		SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT	
						HEATING	COOLING																
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
1	91	64	78*	3		0	13		0	.04	0	25.05				24	N	8.5	60	9	1	1	
2	88	58	73	-2		0	8		0	T	0	25.03				30	NE	8.4	60	4	2	2	
3	91	54	73	-2		0	0		0	0	0	25.04				27	N	11.9	84	4	3	3	
4	90	58	74	-1		0	9		0	T	0	25.05				34	N	7.7	55	4	4	4	
5	92	56	74	-1		0	9		0	0	0	25.02				16	N	11.9	85	6	5	5	
6	91	55	73	-2		0	8		0	.05	0	24.84				21	NE	9.3	66	5	6	6	
7	88	55	72	-3		0	7		0	.08	0	24.97				33	N	7.0	50	5	7	7	
8	85	49	67	-7		0	2		0	.04	0	24.83				26	S	10.1	73	3	8	8	
9	82	60	71	-3		0	6		0	T	0	24.96				17	N	8.8	63	5	9	9	
10	86	47	67	-7		0	2		0	0	0	25.02				11	N	13.9	100	0	10	10	
11	89	45	67	-7		0	2		0	.02	0	25.00				28	SW	7.7	56	6	11	11	
12	89	58	74	0		0	9		0	0	0	25.02				26	S	13.1	95	3	12	12	
13	88	59	74	0		0	9		0	0	0	24.88				31	SW	13.8	100	1	13	13	
14	88	54	71	-2		0	6		0	0	0	24.87				23	SW	13.7	100	0	14	14	
15	89	48	69	-4		0	4		0	0	0	25.05				25	SW	13.7	100	0	15	15	
16	90	47	69	-4		0	4		0	0	0	25.10				25	SW	13.6	100	0	16	16	
17	93	46	70	-3		0	5		0	0	0	25.09				18	SW	13.6	100	0	17	17	
18	94	49	72	-1		0	7		0	0	0	24.98				25	SW	13.6	100	5	18	18	
19	90	55	73	1		0	8		0	0	0	24.84				42	SW	13.0	96	2	19	19	
20	78	49	64	-8	1	1	0		0	0	0	25.01				17	N	13.5	100	0	20	20	
21	85	39*	62*	-10	3	3	0		0	0	0	25.09				14	N	13.5	100	0	21	21	
22	90	41	66	-5	0	1	0		0	0	0	25.09				13	S	13.4	100	0	22	22	
23	92	46	69	-2	0	4	0		0	0	0	25.03				12	W	10.9	81	2	23	23	
24	94	47	71	0	0	6	0		0	0	0	25.01				18	S	10.1	76	4	24	24	
25	93	48	71	0	0	6	0		0	0	0	25.01				14	SW	11.0	83	2	25	25	
26	94	49	72	2	0	7	0		0	0	0	25.03				16	NE	12.7	95	1	26	26	
27	95	52	74	4	0	9	0		0	0	0	24.99				17	N	11.9	90	2	27	27	
28	95*	52	74	4	0	9	0		0	0	0	24.86				26	W	9.0	68	4	28	28	
29	94	50	72	3	0	7	0		0	0	0	24.97				19	SW	13.0	98	1	29	29	
30	91	45	68	-1	0	3	0		0	0	0	24.97				26	SW	12.5	95	0	30	30	
31	90	52	71	2	0	6	0		0	0	0	24.83				25	SW	11.8	90	6	31	31	
SUM		SUM		TOTAL		TOTAL		NUMBER OF DAYS		TOTAL		TOTAL		FOR THE MONTH		TOTAL		%		SUM		SUM	
2785		1587		4		184		PRECIPITATION		.23		0		25.00		42		SW		356.6		FOR 82	
AVG.		AVG.		AVG.		AVG.		PRECIPITATION		DEP.						DATE: 19		POSSIBLE		MONTH		AVG.	
89.8		51.2		70.5		-2.1		>.01 INCH		5		-0.45						422.3		84		2.6	
NUMBER OF DAYS		TOTAL		TOTAL		SNOW, ICE PELLETS > 1.0 INCH		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE													
MAXIMUM TEMP.		MINIMUM TEMP.		DEP.		DEP.		PRECIPITATION		SNOW, ICE PELLETS													
90		32		0		0		.08		7		0											
19		0		0		-3		14		CLEAR 18		PARTLY CLOUDY 13		CLOUDY 0									

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31

\* 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.  
T IN THE HOURLY PRECIPITATION TABLE AND IN COLUMNS 9, 10, AND 11 INDICATES AN AMOUNT TOO 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 16 ARE BASED ON 8 OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.  
WIND DIRECTIONS 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 DIRECTIONS ARE TENS OF DEGREES FROM TRUE NORTH: I.E., 09=EAST, 18=SOUTH, 27=WEST, 36=NORTH, AND 00=CALM. WHEN DIRECTIONS 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 DUSTS.

ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN

SUBSCRIPTION PRICE: LOCAL CLIMATOLOGICAL DATA \$2.00 PER YEAR INCLUDING ANNUAL ISSUE IF PUBLISHED, FOREIGN MAILING 75¢ 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 PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA, 28801

William H. Haggard

DIRECTOR, NATIONAL CLIMATIC CENTER

SUMMARY BY HOURS

HOUR	LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	AVERAGES					RESULTANT WIND		
				TEMPERATURE	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.			
02	2	25.01	58								
05	2	25.03	55	43	29	40	7.0	21	5.8		
08	2	25.05	64	48	32	33	7.3	20	5.5		
11	2	25.04	82	54	29	16	11.1	20	6.5		
14	4	25.00	86	56	25	14	13.6	24	6.4		
17		24.96	86								
20		24.95	73								
23		24.99	64								

DATE	TEMPERATURE °F							DEGREE DAYS BASE 65°	ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG X 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 BLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW ON GROUND AT 11AM IN.	PRECIPITATION			STATION PRESSURE IN. ELEV. 5033 FEET M.S.L.	WIND RESULTANT DIRECTION SPEED M.P.H. AVERAGE SPEED M.P.H.	FASTEST MILE		SUNSHINE		SKY COVER TENTHS		DATE	
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVEFACE DEW POINT	HEATING	COOLING				WATER EQUIVA- LENT IN.	ICE PELLETS IN.	RESULTANT DIRECTION			RESULTANT SPEED M.P.H.	SPEED M.P.H.	DIRECTION	HOURS AND TENTHS	PERCENT OF POSSIBLE	SUNRISE TO SUNSET		SKY COVER MIDNIGHT
	7A	7B	8	9	10	11	12				13	14	15			16	17	18	19	20	21		22
1	93	54	74*	6	0	0	9	0	0	0	24.93	23	SW	13.0	100	0	1						
2	85	53	69	1	0	0	4	0	0	0	25.02	14	NE	13.0	100	0	2						
3	90	43	67	-1	0	0	2	0	0	0	25.00	16	N	9.2	71	3	3						
4	88	52	70	3	0	0	5	0	T	0	24.99	25	NW	6.1	47	8	4						
5	86	57	72	5	0	0	7	0	0	.19	25.01	28	SW	5.4	42	7	5						
6	90	51	71	4	0	0	6	0	0	0	25.07	28	SH	9.0	70	2	6						
7	92	51	72	6	0	0	7	0	T	0	25.06	33	SH	9.0	70	4	7						
8	92	54	73	7	0	0	8	0	0	0	25.00	22	SW	11.5	90	1	8						
9	92	54	73	8	0	0	8	0	0	0	24.97	22	SW	12.5	98	1	9						
10	93*	52	73	8	0	0	8	0	0	0	24.91	29	SW	11.8	93	1	10						
11	76	48	62	-3	0	0	0	0	0	0	24.94	28	NE	12.3	98	1	11						
12	73	31	52	-12	13	0	0	0	0	0	24.98	16	N	12.6	100	0	12						
13	68	35	52	-12	13	0	0	0	T	0	25.02	19	NE	8.9	71	6	13						
14	75	42	59	-5	6	0	0	0	T	0	25.08	27	NW	3.7	30	7	14						
15	73	36	55	-8	10	0	0	0	0	0	25.14	20	N	12.5	100	0	15						
16	79	35	57	-6	8	0	0	0	0	0	25.12	23	NE	12.4	100	0	16						
17	81	38	60	-2	5	0	0	0	0	0	25.09	24	NE	11.8	81	1	17						
18	81	42	62	0	3	0	0	0	0	0	25.08	17	N	12.3	100	0	18						
19	85	41	63	1	2	0	0	0	0	0	25.07	18	NE	12.2	99	1	19						
20	84	37	61	0	4	0	0	0	0	0	25.10	16	N	12.3	100	0	20						
21	85	41	63	2	2	0	0	0	0	0	25.07	15	N	12.2	100	0	21						
22	84	42	63	2	2	0	0	0	0	0	24.99	13	N	12.2	100	1	22						
23	84	44	64	4	1	0	0	0	0	0	24.92	14	NE	11.7	97	1	23						
24	84	45	65	5	0	0	0	0	0	0	25.00	17	NE	11.7	97	0	24						
25	85	40	63	4	0	0	0	0	0	0	25.07	20	S	9.1	75	2	25						
26	86	47	67	8	0	0	0	0	0	0	24.89	18	SW	12.0	100	0	26						
27	62	36	49	-10	16	0	0	0	0	0	24.97	30	NE	10.4	87	1	27						
28	72	25*	49*	-9	16	0	0	0	0	0	25.14	10	NE	11.9	100	0	28						
29	80	28	54	-4	11	0	0	0	0	0	25.17	14	SW	11.9	100	0	29						
30	80	35	58	0	7	0	0	0	0	0	25.15	16	SW	11.8	100	3	30						
SUM		SUM		TOTAL		TOTAL		TOTAL		TOTAL		FOR THE MONTH:		TOTAL		%		SUM		SUM			
2478		1289		124		66		NUMBER OF DAYS		.19		0 25.03		33 SW		326.4		FOR 51		SUM			
AVG.		AVG.		AVG.		DEP.		PRECIPITATION		DEP.		DATE: 07		POSSIBLE MONTH		AVG.		AVG.		AVG.			
82.6		43.0		62.9		-0.2		4		6		1		-0.42		373.0		88		1.7			
NUMBER OF DAYS		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL			
MAXIMUM TEMP.		MINIMUM TEMP.		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.		ICE PELLETS OR ICE AND DATE		ICE PELLETS OR ICE AND DATE		ICE PELLETS OR ICE AND DATE					
> 90 °F		< 32 °		< 32 °		< 0 °		DEP.		DEP.		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.			
7		0		3		0		1		20		CLEAR 25		PARTLY CLOUDY 4		CLOUDY 1							

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5	.01																								5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30

\* EXTREME TEMPERATURES FOR THE MONTH, MAY BE THE LAST OF MORE THAN ONE OCCURRENCE.  
 - BELOW ZERO TEMPERATURE OR NEGATIVE DEPARTURE FROM NORMAL.  
 \* \* 70 AT ALASKAN STATIONS.  
 \* ALSO ON AN EARLIER DATE, OR DATES.  
 X HEAVY FOG RESTRICTS VISIBILITY TO 1/4 MILE OR LESS.  
 T IN THE HOURLY PRECIPITATION TABLE AND IN COLUMNS 9, 10, AND 11 INDICATES AN AMOUNT TOO SMALL TO MEASURE

THE SEASON FOR DEGREE DAYS BEGINS WITH JULY FOR HEATING AND JANUARY FOR COOLING.  
 DATA IN COLUMNS 8, 12, 13, 14, AND 15 ARE BASED ON 8 OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.  
 WIND DIRECTIONS 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 DIRECTIONS ARE TENS OF DEGREES FROM TRUE NORTH: I.E., 09-EAST, 18-SOUTH, 27-WEST, 36-NORTH, AND 00-CALM. WHEN DIRECTIONS ARE IN TENS OF DEGREES IN COL. 17, ENTRIES IN COL. 16 ARE FASTEST OBSERVED 1-MINUTE SPEEDS. IF THE 7 APPEARS IN COL. 17, SPEEDS ARE GUSTS.  
 ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN CLIMATIC DATA WILL BE INDICATED IN THE ANNUAL SUMMARY

SUBSCRIPTION PRICE: LOCAL CLIMATOLOGICAL DATA \$2.00 PER YEAR INCLUDING ANNUAL ISSUE IF PUBLISHED. FOREIGN MAILING 75¢ 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 PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA, 28801

*William H. Haggard*

DIRECTOR, NATIONAL CLIMATIC CENTER

SUMMARY BY HOURS

HOUR LOCAL TIME	SKY COVER TENTHS	AVERAGES						RESULTANT WIND	
		STATION PRESSURE IN.	TEMPERATURE	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.		
02		25.03	51						
05	1	25.05	48	39	28	47	6.5	23	4.0
08	1	25.08	55	43	31	41	7.4	21	3.8
11	1	25.07	73	51	29	21	10.9	23	1.4
14	2	25.02	80	53	26	15	11.8	36	5.4
17		24.99	78						
20		25.00	63						
23		25.02	57						

MILFORD, UTAH



Effective January 1, 1975 there will be a price increase for this publication as a result of increased labor, material and postage costs.

DATE	TEMPERATURE ° F			DEGREE DAYS BASE 65°		MEMBER TYPES ON DATES OF OCCURRENCE	SNOW-ICE PELLETS OR ICE ON GROUND AT 11AM IN.	PRECIPITATION		STATION PRES-SURE IN. 5033 FEET M.S.L.	AVG. STATION PRES-SURE IN. 5033 FEET M.S.L.	WIND RESULTANT DIRECTION	WIND RESULTANT SPEED M.P.H.	WIND AVERAGE SPEED M.P.H.	FASTEST MILE		SUNSHINE		SKY COVER TENTHS		DATE
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT			HEATING	COOLING						WATER EQUIVA-LENT IN	SNOW-ICE PELLETS IN.	SPEED M.P.H.	DIRECTION	HOURS AND TENTHS	PERCENT OF POSSIBLE	
1	49	36	43	0											13	SW	0.4	4	10	4	1
2	46	35	42	-1				.02							25	N	4.3	41	8	9	2
3	46	29	38	-1.4				.01							16	N	0.3	3	10	3	3
4	50	23	37	-0.6				T							12	N	7.7	74	1	1	4
5	49	20	35	-0.6				0							14	N	10.4	100	0	0	5
6	51	18	35	-0.6				0							9	N	10.4	100	0	0	6
7	57	20	39	-0.6				0							25	SW	10.4	100	0	0	7
8	46	27	37	-3				.21	T						15	W	1.5	15	10	8	8
9	46	28	37	-3				T	T						17	NE	7.7	75	8	8	9
10	53	21	37	-2				0	0						11	NW	10.3	100	0	0	10
11	54	22	38	-1				0	0						12	N	9.6	94	2	2	11
12	61	22	42	4				0	0						16	SW	8.3	81	10	10	12
13	61	26	44	6				0	0						15	SW	9.8	96	6	6	13
14	56	21	39	1				0	0						14	SW	4.4	44	9	9	14
15	59	29	44	7				0	0						16	NE	8.8	88	3	3	15
16	55	20	38	1				0	0						11	N	9.1	90	1	1	16
17	59	25	42	5				T	0						17	SW	4.0	40	7	7	17
18	61	29	45	9				0	0						28	SW	4.0	40	7	7	18
19	51	21	36	0				0	0						12	N	8.5	85	4	4	19
20	59	18	39	4				0	0						20	SW	5.9	59	7	7	20
21	64*	36	50*	15				0	0						29	SW	5.3	54	10	10	21
22	51	33	42	7				.14	1						27	NW	0.8	8	10	10	22
23	43	19	31	-3				0	0						13	N	9.9	100	0	0	23
24	54	16	35	1				0	0						15	SW	8.7	88	1	1	24
25	59	26	43	9				0	0						30	SW	8.4	86	1	1	25
26	48	16	32	-1				0	0						20	N	9.8	100	2	2	26
27	57	16	37	-4				0	0						27	SW	6.6	67	9	9	27
28	37	25	31	-2				T	T						21	N	1.2	12	10	10	28
29	41	13	27*	-6				0	0						10	NE	9.7	100	0	0	29
30	46	9*	28	-4				0	0						9	N	9.6	99	9	9	30
SUM		SUM		TOTAL		TOTAL		TOTAL		TOTAL		FOR THE MONTH:		TOTAL		%		SUM		SUM	
1572		699		807		0		NUMBER OF DAYS		.38		.1		25.07				30		SW 205.9	
AVG.		AVG.		AVG. DEP.		AVG. DEP.		PRECIPITATION		.01		INCH		4		-0.29		DATE		25	
52.4		23.3		37.9		0.6		-24		0								303.2		68 5.2	
NUMBER OF DAYS		MINIMUM TEMP.		TOTAL		TOTAL		SNOW, ICE PELLETS > 1.0 INCH		0		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.							
1395		708						THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS		ICE PELLETS OR ICE AND DATE							
0		0		26		0		-6		20		CLEAR 13		PARTLY CLOUDY 5		CLOUDY 12					

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1											.02														1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30

\* EXTREME TEMPERATURES FOR THE MONTH. MAY BE THE LAST OF MORE THAN ONE OCCURRENCE.  
 - BELOW ZERO TEMPERATURE OR NEGATIVE DEPARTURE FROM NORMAL.  
 + > 70° AT ALASKAN STATIONS.  
 + ALSO ON AN EARLIER DATE, OR DATES.  
 X HEAVY FOG RESTRICTS VISIBILITY TO 1/4 MILE OR LESS.  
 T IN THE HOURLY PRECIPITATION TABLE AND IN COLUMNS 9, 10, AND 11 INDICATES AN AMOUNT TOO SMALL TO MEASURE

THE SEASON FOR DEGREE DAYS BEGINS WITH JULY FOR HEATING AND JANUARY FOR COOLING.  
 DATA IN COLUMNS 8, 12, 13, 14, AND 15 ARE BASED ON 8 OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.  
 WIND DIRECTIONS 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 DIRECTIONS ARE TENS OF DEGREES FROM TRUE NORTH, I.E., 09-EAST, 18-SOUTH, 27-WEST, 36-NORTH, AND 00-CALM. WHEN DIRECTIONS 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.

SUBSCRIPTION PRICE: LOCAL CLIMATOLOGICAL DATA \$2.00 PER YEAR INCLUDING ANNUAL ISSUE IF PUBLISHED. FOREIGN MAILING 75¢ 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 PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA, 28801.

William H. Haggard

SUMMARY BY HOURS

HOUR LOCAL TIME	SKY COVER TENTHS	AVERAGES				RESULTANT WIND	
		STATION PRESSURE IN.	TEMPERATURE			DIRECTION	SPEED M.P.H.
		AIR ° F	NET BULB ° F	DEW PT. ° F	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	
02	9	25.07	28				
05	9	25.07	27				
08	9	25.09	29	27	24	84	7.2
11	9	25.10	43	37	28	57	11.0
14	9	25.05	51	40	25	40	12.0
17	9	25.04	45				
20	9	25.06	34				
23	9	25.08	32				



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 11AM	PRECIPITATION		AVG. STATION PRESSURE IN. M.S.L.	WIND				SUNSHINE		SKY COVER TENTHS		
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS BASE 65°		WATER EQUIVALENT IN.			SNOW-ICE PELLETS IN.	RESULTANT DIRECTION		RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST M.P.H.	DIRECTION	HOURS AND TENTHS	PERCENT OF POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT	
						HEATING	COOLING															
1	24	-5	10	-16		55	0		1	0	25.15			15	N	6.8	71	4	1			
2	25	-3	11	-15		54	0		1	.06	1.1	25.19		17	NE	7.0	73	7	2			
3	32	-13*	10*	-15		55	0		1	0	25.30			9	W	9.6	100	0	3			
4	38	10	24	-1		41	0		1	0	25.06			29	N	3.4	35	7	4			
5	38	-1	19	-6		46	0		T	0	25.08			22	SW	7.7	80	8	5			
6	40	28	34	9		31	0		T	0	24.86			34	SW	1.2	13	10	6			
7	48	29	39	14		26	0		T	0	24.85			22	S	7.7	80	6	7			
8	41	20	31	6		34	0		0	.08	1.1	24.61		40	SW	0.4	4	10	8			
9	27	1	14	-11		51	0		1	.07	1.4	24.75		23	NE	2.7	28	10	9			
10	25	-1	12	-13		53	0		2	0	24.79			18	SW	2.7	28	10	10			
11	30	3	17	-8		48	0		1	0	25.04			13	N	4.9	51	7	11			
12	26	-5	11	-14		54	0		0	0	25.38			12	N	9.7	100	2	12			
13	37	-4	17	-8		48	0		1	0	25.31			10	N	7.1	73	7	13			
14	42	0	21	-4		44	0		1	0	25.22			12	S	9.8	100	2	14			
15	48	6	27	2		38	0		1	0	25.15			14	S	7.9	81	6	15			
16	45	19	32	7		33	0		0	0	25.12			13	N	8.1	83	7	16			
17	45	14	30	5		35	0		T	0	25.27			13	N	9.4	96	7	17			
18	44	15	30	5		35	0		T	0	25.21			15	N	8.7	88	4	18			
19	46	13	30	5		35	0		T	0	25.29			10	N	9.9	100	3	19			
20	54	17	36	10		29	0		0	0	25.04			12	SW	7.4	75	7	20			
21	34	17	26	0		39	0		0	0	25.15			26	NE	7.9	80	3	21			
22	39	6	23	-3		42	0		0	0	25.30			10	N	10.0	100	0	22			
23	51	8	30	4		35	0		0	0	25.19			11	N	8.5	85	4	23			
24	59	13	36	10		29	0		0	0	25.11			13	SW	10.0	100	0	24			
25	66*	26	46*	20		19	0		0	0	24.99			26	SW	10.1	100	1	25			
26	58	23	41	14		24	0		0	0	24.73			42	SW	8.5	84	2	26			
27	31	18	25	-2		40	0		0	.03	1.8	24.77		23	N	8.0	19	5	27			
28	30	4	17	-10		48	0		2	.05	1.2	24.86		16	N	8.4	82	3	28			
29	35	4	20	-7		45	0		1	0	24.86			16	SW	7.6	75	9	29			
30	25	9	17	-11		48	0		1	.06	.5	24.85		17	N	2.6	25	10	30			
31	34	8	21	-7		44	0		1	T	24.93			25	SW	4.9	48	6	31			

SUM	SUM				TOTAL	TOTAL				TOTAL	TOTAL			FOR THE MONTH:		TOTAL	X	SUM	SUM																				
1217	278				1258	0				NUMBER OF DAYS	35	6.2	25.04		42	SW	218.6	FOR	167																				
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.				PRECIPITATION	DEP.			DATE:	26	POSSIBLE	MONTH	AVG.	AVG.																				
39.3	9.0	24.2	-1.5		40	0				>.01 INCH	6	-0.26				304.9	72	5.4																					
										SEASON TO DATE																													
NUMBER OF DAYS										SNOW-ICE PELLETS > 1.0 INCH																													
MAXIMUM TEMP.										PRECIPITATION										GREATEST DEPTH ON GROUND OF SNOW.																			
> 90 °F										THUNDERSTORMS										SNOW-ICE PELLETS																			
< 32 °										HEAVY FOG X										ICE PELLETS OR ICE AND DATE																			
< 32 °										CLEAR 10										PARTLY CLOUDY 14										CLOUDY 7									
< 0 °										DEP.										DEP.																			
0										0										0																			

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31

\* EXTREME TEMPERATURES FOR THE MONTH, MAY BE THE LAST OF MORE THAN ONE OCCURRENCE.  
 \* BELOW ZERO TEMPERATURE OR NEGATIVE DEPARTURE FROM NORMAL.  
 \* 70° AT ALASKAN STATIONS.  
 \* ALSO ON AN EX-LIER DATE, OR DATES.  
 X HEAVY FOG RESTRICTS VISIBILITY TO 1/4 MILE OR LESS IN THE HOURLY PRECIPITATION TABLE AND IN COLUMNS 9, 10, AND 11, INDICATES AN AMOUNT TOO SMALL TO MEASURE.  
 THE SEASON FOR DEGREE DAYS BEGINS WITH JULY FOR HEATING AND JANUARY FOR COOLING.  
 DATA IN COLUMNS 8, 12, 13, 14, AND 15 ARE BASED ON 8 OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.  
 WIND DIRECTIONS 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 DIRECTIONS ARE TENS OF DEGREES FROM TRUE NORTH, I.E., 05=05°, 18=18°, 27=27°, WEST, 36=NORTH, AND 00=CALM. WHEN DIRECTIONS ARE IN TENS OF DEGREES IN COL. 17, ENTRIES IN COL. 16 ARE FASTEST OBSERVED

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 PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA, 28801

HOUR LOCAL TIME	AVERAGES								RESULTANT WIND	
	SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE			HUMIDITY %		WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.
			AIR °F	WET BULB °F	DEW PT. °F	RELATIVE				
02		25.05	17							
05		25.04	16							
08	6	25.06	15	14	10	80	9.0	22	3.9	
11	6	25.08	29	25	17	64	9.9	20	3.4	
14	6	25.02	37	30	19	51	12.5	22	2.7	
17		25.01	32							
20		25.04	21							
23		25.05	18							

MILFORD, UTAH

William H. Howard

DATE	TEMPERATURE °F							WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG X 3 THUNDERSTORM 4 ICE PELLETS 5 MAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW, ICE PELLETS OR ICE ON GROUND AT 11AM IN.	PRECIPITATION		AVO. STATION PRESSURE IN. - - - - ELEV. 5033 FEET M.S.L.	WIND			SUNSHINE		SKY COVER TENTHS		DATE			
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS BASE 65°				WATER EQUIVA- LENT IN	SNOW, ICE PELLETS IN.		RESULTANT DIRECTION	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE		HOURS AND TENTHS	PERCENT OF POSSIBLE		SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT	
						HEATING	COOLING									SPEED	DIRECTION						
1	40	18	29	1	36	0			1	0	0	25.04			22	SW	10.3	100	0		1		
2	46	21	34	6	31	0			T	0	0	25.01			27	SW	8.5	83	5		2		
3	40	19	30	1	35	0			T	0	0	24.91			19	SW	2.0	19	10		3		
4	39	21	30	1	35	0			T	.05	.9	24.84			32	SW	1.4	13	9		4		
5	36	6	21	-8	44	0			1	0	0	25.09			10	W	7.5	72	9		5		
6	42	10	26	-3	39	0			T	0	0	25.14			17	SW	6.5	62	9		6		
7	50	27	39	9	26	0			T	0	0	24.95			19	SW	6.3	60	10		7		
8	57	28	43	13	22	0			0	0	0	24.93			18	SW	9.3	89	2		8		
9	49	32	41	11	24	0			0	.03	0	24.82			35	SW	3.8	36	8		9		
10	46	22	34	4	31	0			0	.01	.1	24.75			28	SW	4.8	45	7		10		
11	51	17	34	3	31	0			0	0	0	25.03			18	SW	10.6	100	3		11		
12	54	29	42	11	23	0			0	0	0	25.07			30	SW	5.3	50	10		12		
13	48	30	39	8	26	0			0	.01	0	24.92			30	SW	0.0	0	10		13		
14	43	32	38	7	27	0			T	.09	.8	24.74			18	N	1.0	9	10		14		
15	39	24	32	0	33	0			T	T	T	24.78			23	NE	3.9	36	10		15		
16	34	18	26	-6	39	0			0	.25	3.1	24.64			32	N	0.1	1	10		16		
17	30	3	17	-15	48	0			4	.06	.7	24.90			33	NE	7.7	71	7		17		
18	31	-7*	12*	-20	53	0			3	0	0	25.10			11	W	10.9	100	1		18		
19	39	0	20	-13	45	0			2	0	0	24.96			23	SW	7.4	68	8		19		
20	41	21	31	-2	34	0			1	0	0	24.78			29	NE	5.4	49	8		20		
21	23	8	16	-17	49	0			1	T	T	24.99			33	N	3.3	30	10		21		
22	28	6	17	-16	48	0			1	0	0	25.28			20	NE	11.1	100	0		22		
23	37	10	24	-9	41	0			1	0	0	25.35			17	NE	11.1	100	0		23		
24	43	8	26	-8	39	0			1	0	0	25.16			18	NE	11.1	100	0		24		
25	45	15	30	-4	35	0			1	0	0	25.05			14	NE	10.4	93	8		25		
26	51	17	34	0	31	0			T	0	0	25.12			9	NW	11.2	100	3		26		
27	56	26	41	7	24	0			T	0	0	25.06			11	N	9.0	80	5		27		
28	64*	25	45*	11	20	0			T	0	0	25.10			15	SW	10.1	89	7		28		
SUM		SUM		TOTAL		TOTAL		TOTAL		TOTAL		FOR THE MONTH			TOTAL		%		SUM		SUM		
1202		486		959		0		NUMBER OF DAYS		50		5.6		24.98		35 SW		190.0		FOR 179			
AVG.		AVG.		AVG. DEP.		AVG. DEP.		PRECIPITATION		DEP.						DATE		09		POSSIBLE MONTH		AVG. AVG.	
42.9		17.4		30.2		-1.2		28		0										301.6		63 6.4	
NUMBER OF DAYS		TOTAL		TOTAL		TOTAL		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.											
MAXIMUM TEMP.		MINIMUM TEMP.		48.41		0		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS		ICE PELLETS OR ICE AND DATE									
> 90 °F		< 32 °F		< 32 °F		< 0 °F		HEAVY FOG X		31		16-17		3.8		16-17		4		17			
0		4		28		2		153		0		CLEAR 8		PARTLY CLOUDY 5		CLOUDY 15							

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28

\* EXTREME TEMPERATURES FOR THE MONTH MAY BE THE LAST OF MORE THAN ONE OCCURRENCE.  
 - BELOW ZERO TEMPERATURE OR NEGATIVE DEPARTURE FROM NORMAL.  
 \* \* 70° AT ALASKAN STATIONS.  
 \* ALSO ON AN EARLIER DATE, OR DATES.  
 X HEAVY FOG RESTRICTS VISIBILITY TO 1/4 MILE OR LESS.  
 T IN THE HOURLY PRECIPITATION TABLE AND IN COLUMNS 9, 10, AND 11 INDICATES AN AMOUNT TOO 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 DIRECTIONS 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 DIRECTIONS ARE TENS OF DEGREES FROM TRUE NORTH (I.E., 09=East, 18=South, 27=West, 36=North, AND 00=Calm. WHEN DIRECTIONS 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 DUSTS.

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 PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA, 28801.

*William H. Haggard*

SUMMARY BY HOURS

HOUR LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE				RELATIVE HUMIDITY %		WIND SPEED M.P.H.		RESULTANT WIND	
			AIR °F	NET BULB °F	DEW PT. °F	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.			
02		24.98	23									
05		24.98	22									
08	6	24.99	23	21	17	79	9.4	23	3.8			
11	6	25.01	35	30	21	59	13.8	21	5.6			
14	7	24.97	40	33	21	49	14.3	21	4.3			
17	7	24.95	40									
20		24.97	31									
23		24.99	26									

MILFORD, UTAH







DATE	TEMPERATURE °F							HEATHER 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 OR ICE ON GROUND AT 11AM IN.	PRECIPITATION		STATION PRES-SURE IN. 5033 FEET M.S.L.	WIND				SUNSHINE		TENTHS		DATE	
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS BASE 65°				WATER EQUIVA- LENT IN.	SNOW. ICE PELLETS IN.		RESULTANT DIRECTION	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE		HOURS AND TENTHS	PERCENT OF POSSIBLE	SUNRISE TO SUNSET		MIDNIGHT TO MIDNIGHT
						HEATING	COOLING									SPEED	DIRECTION					
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	63	33	48	-4		17	0		0	T	0	24.95			18	SW	7.1	51	9	1	1	
2	67	28	48	-4		17	0		0	0	0	25.02			13	N	12.0	87	3	2	2	
3	72	34	53	0		12	0		0	0	0	24.87			33	SW	12.1	87	2	3	3	
4	62	32	47	-6		18	0		0	.02	T	24.61			52	SW	4.1	29	10	4	4	
5	41	27	34	-19		31	0		1	.25	T	24.76			21	N	5.0	36	10	5	5	
6	50	34	42	-10		31	0		T		T	24.85			14	SW	9.2	66	6	6	6	
7	61	30	46	-8		19	0		0	0	0	24.84			19	W	5.1	36	10	7	7	
8	67	27	47	-7		18	0		0	0	0	24.93			17	NW	10.8	77	4	8	8	
9	74	30	52	-3		13	0		0	0	0	25.01			23	SW	10.2	72	2	9	9	
10	76	32	54	-1		11	0		0	0	0	25.07			13	SW	12.5	89	3	10	10	
11	83	33	58	3		7	0		0	0	0	24.98			32	NE	12.8	91	3	11	11	
12	66	34	50	-5		15	0		0	0	0	25.09			19	N	14.2	100	0	12	12	
13	76	31	54	-2		11	0		0	0	0	25.08			14	N	14.2	100	0	13	13	
14	85*	37	61	5		4	0		0	0	0	25.00			20	SW	13.7	95	1	14	14	
15	82	38	60	4		5	0		0	0	0	24.86			26	SW	13.9	97	5	15	15	
16	70	43	57	0		8	0		0	.04	T	24.84			25	S	0.0	0	10	16	16	
17	78	40	59	2		6	0		0	.02	T	24.95			19	SE	5.1	36	9	17	17	
18	79	41	60	3		5	0		0	0	0	24.95			28	SW	12.6	87	2	18	18	
19	76	32	54	-3		11	0		0	.24	T	24.71			44	SW	9.3	65	10	19	19	
20	33	27	30*	-28		35	0		4	.76	T	24.56			29	N	0.3	2	10	20	20	
21	41	21	31	-27		34	0		7	T	T	24.78			26	SW	7.3	51	6	21	21	
22	55	32	44	-14		21	0		1	0	0	24.95			14	N	9.8	68	5	22	22	
23	64	31	48	-11		17	0		0	0	0	24.98			16	SW	10.3	71	8	23	23	
24	76	38	57	-2		8	0		0	0	0	24.89			37	N	13.7	94	0	24	24	
25	59	33	46	-13		19	0		0	0	0	25.09			36	NE	14.5	100	0	25	25	
26	77	27	52	-7		13	0		0	0	0	25.05			34	NW	11.5	79	2	26	26	
27	58	40	49	-11		16	0		0	.54	T	24.94			31	NE	1.0	7	10	27	27	
28	65	33	49	-11		16	0		0	0	0	24.94			24	N	10.0	68	4	28	28	
29	67	38	53	-7		12	0		0	0	0	25.01			26	NE	9.6	66	4	29	29	
30	73	36	55	-5		10	0		0	0	0	25.01			16	NE	14.6	100	1	30	30	
31	80	41	61*	0		4	0		0	0	0	24.94			15	N	13.0	88	0	31	31	
SUM	SUM	SUM	SUM	SUM	TOTAL	TOTAL			TOTAL	TOTAL		TOTAL	TOTAL					TOTAL	%	SUM	SUM	
2076	1016				464	0			1.87	11.4	24.92							52	SW	299.5	FOR 151	
AVG.	AVG.	AVG.	AVG.	AVG.	DEP.	DEP.			PRECIPITATION	DEP.								DATE: 04	POSSIBLE MONTH	AVG.	AVG.	
67.0	32.8	49.9	-6.6		190	-10			>.01 INCH	7	1.26							442.2	68	4.9		
				SEASON TO DATE		SNOW, ICE PELLETS		DREAREST IN 24 HOURS AND DATES		DREAREST DEPTH ON GROUND OF SNOW,												
				NUMBER OF DAYS		TOTAL		PRECIPITATION		SNOW, ICE PELLETS												
				MAXIMUM TEMP.		MINIMUM TEMP.		PRECIPITATION		SNOW, ICE PELLETS												
				69.40		0		1.00		19-20		8.6		19-20		8		20				
				0		0		15		0		610		CLEAR 14		PARTLY CLOUDY 6		CLOUDY 11				

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

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

\* EXTREME TEMPERATURES FOR THE MONTH. MAY BE THE LAST OF MORE THAN ONE OCCURRENCE.  
- BELOW ZERO TEMPERATURE OR NEGATIVE DEPARTURE FROM NORMAL.  
+ 70° AT ALASKAN STATIONS.  
\* ALSO ON AN EARLIER DATE, OR DATES.  
X HEAVY FOG RESTRICTS VISIBILITY TO 1/4 MILE OR LESS.  
T IN THE HOURLY PRECIPITATION TABLE AND IN COLUMNS 9, 10, AND 11 INDICATES AN AMOUNT TOO 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 DIRECTIONS 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 DIRECTIONS ARE TENS OF DEGREES FROM TRUE NORTH; I.E., 05-EAST, 18-SOUTH, 27-WEST, 35-NORTH, AND 00-CALM. WHEN DIRECTIONS 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

SUBSCRIPTION PRICE: LOCAL CLIMATOLOGICAL DATA \$2.55 PER YEAR INCLUDING ANNUAL ISSUE IF PUBLISHED. FOREIGN MAILING \$2.10 EXTRA. SINGLE COPY: 20¢ FOR MONTHLY ISSUES; 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 PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA, 28801

William H. Haggard

DIRECTOR, NATIONAL CLIMATIC CENTER

SUMMARY BY HOURS

HOUR LOCAL TIME	SKY COVER TENTHS	AVERAGES							RESULTANT WIND		
		STATION PRESSURE IN.	TEMPERATURE			RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.		
			AIR °F	NET BULB °F	DEW PT. °F						
02		24.92	40								
03		24.93	37	34	28	74	9.3	22	4.2		
08		24.95	48	40	31	58	11.8	21	5.6		
11		24.94	60	45	28	37	13.2	20	2.8		
14		24.91	64	46	26	30	13.3	29	.7		
17		24.88	63								
20		24.89	53								
23		24.93	45								

MILFORD, UTAH







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 11AM IN.	PRECIPITATION		STATION PRESSURE IN. 5033 ELEV. FEET M.S.L.	WIND			FASTEST MILE SPEED M.P.H. DIRECTION	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO MIDNIGHT	DATE		
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	'DEGREE DAYS BASE 65° HEATING COOLING				WATER EQUIV. IN.	SNOW-ICE PELLETS IN.		RESULTANT DIRECTION	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.							
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	85	46	67	-8			2		0	0	0	25.17				17	N	848	100	0	1	1
2	91	44	68	-7			0		0	0	0	25.13				13	SW	777	92	1	0	2
3	94	48	71	-4			0		0	0	0	25.07				18	SE	837	99	0	1	3
4	97	51	74	-1			0		0	0	0	25.05				15	W	843	100	0	0	4
5	97	54	76	1			11		0	0	0	25.02				26	SW	595	71	4	4	5
6	97	61	79	4			0		0	0	0	24.99				25	SW	676	81	2	2	6
7	96	62	79*	4			0		0	0	0	25.01				24	SW	648	77	1	7	7
8	95	49	72	0			0		0	0	0	25.08				16	S	786	94	0	0	8
9	97*	51	74	0			0		0	0	0	25.06				15	S	615	74	7	7	9
10	93	53	78	4			0		0	0	0	25.01				23	SW	372	45	7	7	10
11	92	56	75	7			0		0	0	0	24.99				26	W	361	44	7	7	11
12	89	59	74	0			0		0	0	0	25.02				27	NW	421	51	6	6	12
13	90	50	70	0			0		0	0	0	25.02				27	W	531	64	7	7	13
14	89	48	69	0			0		0	0	0	25.06				25	SW	770	94	1	1	14
15	88	52	70	0			0		0	0	0	25.07				21	SW	820	100	2	2	15
16	87	47	67	0			0		0	0	0	25.06				22	SW	553	68	6	6	16
17	88	44	66	0			0		0	0	0	25.03				24	SW	816	100	0	0	17
18	87	43	65	0			0		0	0	0	24.93				20	SW	813	100	0	0	18
19	81	55	68	1.4			0		0	0	0	24.95				36	SW	606	75	4	4	19
20	74	53	64	1.8			1		0	0	0	25.07				28	SW	154	19	10	10	20
21	69	50	60*	1.2			5		0	0	0	25.10				19	SW	386	48	7	7	21
22	80	51	66	0			0		0	0	0	25.10				24	SW	784	97	1	1	22
23	84	48	66	0			0		0	0	0	25.10				21	SW	802	100	0	0	23
24	82	47	65	0			0		0	0	0	25.05				31	SW	784	97	1	1	24
25	87	44	66	0			0		0	0	0	25.03				17	N	800	100	0	0	25
26	89	48	66	0			0		0	0	0	25.00				16	SW	798	100	0	0	26
27	85	51	68	0			0		0	0	0	24.97				29	SW	713	90	1	1	27
28	84	48	66	0			0		0	0	0	24.98				37	SW	730	92	1	1	28
29	85	46	66	0			0		0	0	0	25.01				33	SW	790	100	0	0	29
30	90	38*	64	0			1		0	0	0	25.01				22	SW	786	100	0	0	30
31	89	45	67	0			0		0	0	0	24.96				29	SW	784	100	0	0	31
SUM	SUM	SUM	SUM	SUM	SUM	SUM	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	FOR THE MONTH:				TOTAL	%	SUM	SUM		
2731	1556						7	141		74	0	25.03				37	SW	21004		75		
AVG.	AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	DEP.	PRECIPITATION	DEP.							DATE: 27	POSSIBLE	MONTH	AVG.	AVG.	
88.1	50.2	69.2	-3.4		0	-101			>.01 INCH	5	0.06						25337	83	2.4			
SEASON TO DATE																						
NUMBER OF DAYS																						
GREATEST IN 24 HOURS AND DATES																						
GREATEST DEPTH ON GROUND OF SNOW.																						
PRECIPITATION																						
SNOW, ICE PELLETS																						
HEAVY FOG X																						
CLEAR 21 PARTLY CLOUDY 9 CLOUDY 1																						

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																								1	
2																								2	
3																								3	
4																								4	
5																								5	
6																								6	
7																								7	
8																								8	
9																								9	
10																								10	
11																								11	
12																								12	
13																								13	
14																								14	
15																								15	
16																								16	
17																								17	
18																								18	
19																								19	
20				.07	.02	.03						.03	T	.09	.01						.01	T		20	
21		T	.02	.03	T			T	.03	.05	.01	.03		.05	T									21	
22			.07																					22	
23																								23	
24																								24	
25																								25	
26																								26	
27																								27	
28																								28	
29																								29	
30																								30	
31																								31	

\* EXTREME TEMPERATURES FOR THE MONTH, MAY BE THE LAST OF MORE THAN ONE OCCURRENCE.  
 - BELOW ZERO TEMPERATURE OR NEGATIVE DEPARTURE FROM NORMAL.  
 \* 70° AT ALASKAN STATIONS.  
 + ALSO ON AN EARLIER DATE, OR DATES.  
 X HEAVY FOG RESTRICTS VISIBILITY TO 1/4 MILE OR LESS.  
 T IN THE HOURLY PRECIPITATION TABLE AND IN COLUMNS 9, 10, AND 11 INDICATES AN AMOUNT TOO 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 DIRECTIONS 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 DIRECTIONS ARE TENS OF DEGREES FROM TRUE NORTH: 1-E., 9-EAST, 18-SOUTH, 27-WEST, 36-NORTH, AND 00-CALM. WHEN DIRECTIONS ARE IN TENS OF DEGREES IN COL. 17, ENTRIES IN COL. 18 ARE FASTEST OBSERVED 1-MINUTE SPEEDS. IF THE \* APPEARS IN COL. 17, SPEEDS ARE GUSTS.

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 PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA, 28801

*William H. Haggard*

DIRECTOR, NATIONAL CLIMATIC CENTER

SUMMARY BY HOURS

HOUR	LOCAL TIME	STATION PRESSURE IN.	TEMPERATURE					WIND		RESULTANT WIND	
			AIR ° F	NET BULB ° F	DEW PT. ° F	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.		
02		25.04	57								
05	2	25.05	54	45	34	50	7.8	21	5.8		
08	2	25.08	64	50	36	38	10.2	20	9.1		
11	2	25.07	81	55	33	20	15.2	20	11.6		
14	2	25.03	86	56	29	15	17.8	21	11.8		
17	2	25.00	85								
20	2	24.99	71								
23	2	25.02	63								

MILFORD, UTAH









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 11AM	PRECIPITATION		STATION PRESSURE IN. ELEV. FEET M.S.L.	WIND		FASTEST MILE		SUNSHINE		TENTHS		DATE
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING	COOLING			WATER EQUIVA- LENT IN.	SNOW-ICE PELLETS IN.		RESULTANT DIRECTION	SPEED M.P.H.	AVERAGE SPEED M.P.H.	SPEED M.P.H.	DIRECTION	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO SUNSET	
1	78	32	55	-2	10	0			0	0	25.20	13	N	707	100	0		1			
2	81	30	56	-1	9	0			0	0	25.21	13	N	706	100	0		2			
3	82	32	57	1	8	0			0	0	25.20	16	SW	657	93	2		3			
4	82	38	60	4	5	0			0	0	25.18	17	SW	590	84	5		4			
5	83*	39	61	5	4	0			0	0	25.11	22	SW	638	91	0		5			
6	81	41	61*	6	4	0			0	0	24.92	32	SW	525	75	7		6			
7	63	30	47	-8	18	0			.10	T	24.77	45	NW	187	27	8		7			
8	59	20	40	-14	25	0			0	0	25.05	11	N	512	74	8		8			
9	71	22	47	-7	18	0			0	0	25.06	23	SW	566	82	9		9			
10	75	42	59	6	6	0			0	0	24.94	33	SW	630	92	5		10			
11	71	45	58	5	7	0			0	0	24.81	34	SW	633	93	1		11			
12	60	37	49	-4	16	0			.04	0	24.82	27	W	373	75	8		12			
13	57	29	43	-9	22	0			.06	T	25.03	22	N	393	58	5		13			
14	54	21	38	-14	27	0			0	0	25.18	18	NE	335	50	6		14			
15	65	19	42	-9	23	0			0	0	25.17	9	SW	596	89	5		15			
16	68	23	46	-5	19	0			0	0	25.14	13	NE	671	100	0		16			
17	75	26	51	1	14	0			0	0	25.07	12	SW	669	100	0		17			
18	77	29	53	3	12	0			0	0	25.00	14	SW	460	69	8		18			
19	70	29	50	0	15	0			0	0	25.10	20	NE	610	92	3		19			
20	71	24	48	-1	17	0			0	0	25.08	15	N	661	100	0		20			
21	77	29	53	4	12	0			0	0	24.94	20	S	597	91	1		21			
22	65	31	48	0	17	0			.03	0	24.73	29	N	237	36	7		22			
23	40	23	32	-16	33	0			.01	0	24.66	27	N	313	49	7		23			
24	42	12	27*	-20	38	0			.01	0	25.10	11	N	549	84	0		24			
25	56	9*	33	-14	32	0			0	0	25.04	29	SW	406	62	8		25			
26	64	35	50	4	15	0			0	0	24.83	37	SW	629	97	1		26			
27	55	30	43	-3	22	0			.02	0	24.87	29	SW	267	41	6		27			
28	63	18	41	-4	24	0			0	0	25.14	13	N	643	100	0		28			
29	71	16	44	-1	21	0			0	0	25.20	21	SW	641	100	0		29			
30	71	32	52	8	13	0			.08	0	24.89	26	SW	265	41	8		30			
31	55	33	44	0	21	0			T	0	24.97	34	NE	386	61	7		31			
SUM	SUM				TOTAL	TOTAL			TOTAL	TOTAL	FOR THE MONTH			TOTAL	%	SUM	SUR				
2062	876				527	0			.35	.6	25.02	45	NW	16052	FOR	125					
AVG	AVG	AVG	DEP.	AVG.	DEP.	DEP.			PRECIPITATION	DEP.		DATE	07	POSSIBLE MONTH	AVG.	AVG.					
67.2	28.3	47.8	-2.9			84	0		>.01 INCH	8	-0.43			20817	77	4.0					
NUMBER OF DAYS		SEASON TO DATE		TOTAL		TOTAL		SNOW, ICE PELLETS > 1.0 INCH		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.									
MAXIMUM TEMP. > 90 ° F		MINIMUM TEMP. < 32 °		534		475		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS		ICE PELLETS OR ICE AND DATE							
0		0		23		0		64		-213		CLEAR 14		PARTLY CLOUDY 10		CLOUDY 7					

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31

\* EXTREME TEMPERATURES FOR THE MONTH. MAY BE THE LAST OF MORE THAN ONE OCCURRENCE.  
- BELOW ZERO TEMPERATURE OR NEGATIVE DEPARTURE FROM NORMAL.  
\* 70° AT ALASKAN STATIONS.  
\* ALSO ON AN EARLIER DATE, OR DATES.  
X HEAVY FOG RESTRICTS VISIBILITY TO 1/4 MILE OR LESS.  
T IN THE HOURLY PRECIPITATION TABLE AND IN COLUMNS 9, 10, AND 11 INDICATES AN AMOUNT TOO SMALL TO MEASURE

THE SEASON FOR DEGREE DAYS BEGINS WITH JULY FOR HEATING AND JANUARY FOR COOLING.  
DATA IN COLUMNS 9, 12, 13, 14, AND 15 ARE BASED ON 8 OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.  
WIND DIRECTIONS 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 DIRECTIONS ARE TENS OF DEGREES FROM TRUE NORTH, I.E., 09=090°, 18=180°, 27=270°, 36=360°.  
AND 00=CAL. WHEN DIRECTIONS ARE IN TENS OF DEGREES IN COL. 17, ENTRIES IN COL. 15 ARE FASTEST OBSERVED 1-MINUTE SPEEDS. IF THE / APPEARS IN COL. 17, SPEEDS ARE DUSTS.  
ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES 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 PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA, 28801

*William H. Haggard*

DIRECTOR, NATIONAL CLIMATIC CENTER

SUMMARY BY HOURS

HOUR LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE				RELATIVE HUMIDITY %		WIND SPEED M.P.H.		RESULTANT WIND	
			AIR °F	WET BULB °F	DEW PT. °F	RELATIVE	HUMIDITY %	DIRECTION	SPEED M.P.H.			
02		25.03	37									
05		25.02	35									
08	3	25.05	38									
11	4	25.05	58									
14	5	25.00	64									
17	4	24.98	62									
20		25.01	47									
23		25.02	42									

MILFORD, UTAH







DATE	TEMPERATURE				DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS BASE 65°		ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG X 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 HAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	PELLETS OR ICE ON GROUND AT 11AM IN.	PRECIPITATION		STATION PRESSURE IN. ELEV. FEET M.S.L.	WIND		FASTEST WIND		SUNSHINE		CLOUDS			
	MAXIMUM	MINIMUM	AVERAGE	AVERAGE			HEATING	COOLING			WATER EQUIVALENT	SNOW. ICE PELLETS		RESULTANT DIRECTION	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	SPEED M.P.H.	DIRECTION	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT	
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
1	36	14	25	-7		40	0					5				26	SW	498	86	10		1	
2	46	12	29	-3		36	0					3				12	SW	581	100	0		2	
3	40	11	26	-6		39	0					2				11	SW	490	85	8		3	
4	48	21	35	4		30	0					0				21	SW	578	100	0		4	
5	51	31	41	10		24	0					1				22	SW	531	92	5		5	
6	55	26	41	10		24	0					T				15	SW	567	98	6		6	
7	54	20	37	7		28	0					0				12	N	546	95	6		7	
8	55	21	38	8		27	0					0				17	N	504	88	3		8	
9	57	21	39	9		26	0					0				13	SW	574	100	0		9	
10	55	27	41	11		24	0					0				18	S	447	78	9		10	
11	58*	28	43*	13		22	0					0				16	SW	565	99	2		11	
12	48	34	41	12		24	0					0				23	SW	26	5	10		12	
13	37	21	29	0		36	0					0				27	NE	0	0	10		13	
14	25	4	15	-14		50	0					.26				17	NE	284	50	7		14	
15	31	-6*	13*	-16		52	0					0				9	S	570	100	0		15	
16	33	-2	16	-12		49	0					0				8	SW	570	100	0		16	
17	35	2	19	-9		46	0					0				17	N	570	100	0		17	
18	35	8	22	-6		43	0					0				15	NE	569	100	0		18	
19	34	2	18	-10		47	0					0				15	N	533	94	1		19	
20	35	5	20	-8		45	0					0				11	N	457	80	4		20	
21	42	23	33	3		32	0					.03				9	N	184	32	8		21	
22	32	28	30	3		35	0					0				10	S	0	0	10		22	
23	31	27	29	2		36	0					T				17	N	7	1	10		23	
24	39	19	29	2		36	0					T				10	NE	230	40	8		24	
25	43	18	31	4		34	0					T				21	N	392	69	7		25	
26	44	18	31	4		34	0					T				12	SW	346	61	9		26	
27	43	25	34	8		31	0					0				19	NE	199	35	9		27	
28	35	14	25	-1		40	0					0				17	N	570	100	1		28	
29	39	10	25	-1		40	0					0				15	N	570	100	3		29	
30	49	11	30	4		35	0					0				40	NE	344	60	4		30	
31	24	9	17	-9		48	0					.07				8	N	115	20	10		31	
SUM	1289	502				1113	0					TOTAL	TOTAL	FOR THE MONTH:		TOTAL	%	SUM	SUM				
AVG.	41.6	16.2	29.9	0.3		-15	0					46	5.9	25.11		40	NE	12417	FOR	160			
												2.01	INCH	4					DATE: 30	POSSIBLE	MONTH	AVG.	AVG.
												-0.27							17741	70	5.2		
NUMBER OF DAYS		SEASON TO DATE		TOTAL		TOTAL		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS		ICE PELLETS OR ICE AND DATE			
> 90 °F		< 32 °F		< 0 °F		2591		475		26		13		2.6		13		5		1			
0		5		30		2		162		-213		CLEAR 12		PARTLY CLOUDY 7		CLOUDY 12							

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31

\* EXTREME TEMPERATURES FOR THE MONTH, MAY BE THE LAST OF MORE THAN ONE OCCURRENCE.  
 - BELOW ZERO TEMPERATURE OR NEGATIVE DEPARTURE FROM NORMAL.  
 + > 70° AT ALASKAN STATIONS.  
 \* ALSO ON AN EARLIER DATE, OR DATES.  
 X HEAVY FOG RESTRICTS VISIBILITY TO 1/4 MILE OR LESS.  
 IN THE HOURLY PRECIPITATION TABLE AND IN COLUMNS 9, 10, AND 11 INDICATES AN AMOUNT TOO SMALL TO MEASURE

THE SEASON FOR DEGREE DAYS BEGINS WITH JULY FOR HEATING AND JANUARY FOR COOLING.  
 DATA IN COLUMNS 8, 12, 13, 14, AND 15 ARE BASED ON 8 OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.  
 WIND DIRECTIONS 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 DIRECTIONS ARE TENS OF DEGREES FROM TRUE NORTH; I.E., 09-EAST, 18-SOUTH, 27-WEST, 36-NORTH, AND 00-CALM. WHEN DIRECTIONS 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 QUITS.  
 ANY ERRORS DETECTED WILL BE CORRECTED 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 \$1.85 EXTRA. SINGLE COPY: 20¢ FOR MONTHLY ISSUE; 20¢ 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 PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA, 28801

William H. Haggard  
 DIRECTOR, NATIONAL CLIMATIC CENTER

SUMMARY BY HOURS

HOUR	LOCAL TIME	SKY COVER	AVERAGES						RESULTANT WIND			
			STATION PRESSURE IN.	TEMPERATURE	AIR °F	WET BULB °F	DEW PT. °F	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.	
02			25.12	23								
05			25.12	21								
08			25.13	20								
11			25.14	33	29	23	70	11.7	23	3.5		
14			25.09	39	33	26	60	13.4	35	2.1		
17			25.09	35								
20			25.10	26								
23			25.12	23								

MILFORD, UTAH





MILFORD, UTAH

DATE	TEMPERATURE °F					DEGREE DAYS BASE 65°		WEATHER ON DATES OF OCCURRENCE	SNOW-ICE PELLETS ON GROUND AT 11AM	PRECIPITATION		AVG. STATION PRES-SURE IN. 5033	WIND				SUNSHINE		SKY COVER TENS		DATE
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING (BELOW) BEGINS WITH JAN. 1	COOLING (BELOW) BEGINS WITH JAN. 1			WATER EQUIVA- LENT IN.	SNOW-ICE PELLETS IN.		RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE DIRECTION	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT		
1	24	-6	9	-17	56	0	0		0	.01	.1	24.96	10	N	16	N	473	83	2	1	22
2	25	-9*	8	-18	57	0	0		0	T	T	25.17	10	NW	14	NW	490	86	4	1	2
3	24	-8	8*	-17	57	0	0		0	.09	1.8	25.16	14	S	14	S	318	55	8	3	3
4	34	3	19	-6	46	0	0		0	.05	1.0	25.13	11	W	11	W	351	61	5	4	4
5	40	11	26	1	39	0	0		0	.03	.4	24.97	28	SW	28	SW	23	4	10	5	5
6	35	4	20	-5	45	0	0		0	.17	2.1	25.04	19	N	19	N	256	44	6	6	6
7	29	-6	12	-13	53	0	0		0	0	0	25.19	17	S	17	S	544	94	3	7	7
8	43	12	28	3	37	0	0		0	0	0	25.06	26	SW	26	SW	515	89	5	8	8
9	42	25	34	9	31	0	0		0	0	0	24.88	25	SW	25	SW	108	19	10	9	9
10	35	12	24	-1	41	0	0		0	0	0	25.11	22	N	22	N	483	83	3	10	10
11	37	5	21	-4	44	0	0		0	0	0	25.11	26	SW	26	SW	269	46	8	11	11
12	49	23	36	11	29	0	0		0	0	0	24.94	20	N	20	N	583	100	1	12	12
13	34	10	22	-3	43	0	0		0	0	0	25.19	17	N	17	N	391	67	9	13	13
14	39	9	24	-1	41	0	0		0	0	0	25.26	12	S	12	S	380	65	6	14	14
15	45	13	29	4	36	0	0		0	0	0	25.33	11	N	11	N	529	90	9	15	15
16	48	20	34	9	31	0	0		0	0	0	25.40	15	N	15	N	588	100	0	16	16
17	48	21	35	10	30	0	0		0	0	0	25.21	8	S	8	S	550	93	5	17	17
18	46	25	35	11	29	0	0		0	0	0	25.09	20	N	20	N	524	89	4	18	18
19	38	22	30	5	35	0	0		0	0	0	25.27	18	N	18	N	367	67	5	19	19
20	40	15	28	2	37	0	0		0	0	0	25.36	14	N	14	N	558	94	0	20	20
21	40	13	27	1	38	0	0		0	0	0	25.35	13	NE	13	NE	586	100	0	21	21
22	43	11	27	1	37	0	0		0	0	0	25.16	11	N	11	N	598	100	0	22	22
23	42	13	28	2	38	0	0		0	0	0	24.96	16	N	16	N	516	86	3	23	23
24	39	19	29	3	36	0	0		0	.02	.4	24.91	18	N	18	N	366	61	6	24	24
25	39	13	26	0	39	0	0		0	0	0	25.04	17	NE	17	NE	587	97	2	25	25
26	44	10	27	0	38	0	0		0	0	0	25.24	10	SW	10	SW	530	88	5	26	26
27	50	13	32	3	33	0	0		0	0	0	25.30	13	N	13	N	430	71	10	27	27
28	52	19	36*	9	29	0	0		0	0	0	25.28	18	N	18	N	608	100	1	28	28
29	54*	16	35	6	30	0	0		0	0	0	25.23	12	N	12	N	511	100	0	29	29
30	52	18	35	7	30	0	0		0	0	0	25.25	20	NE	20	NE	587	96	6	30	30
31	48	18	33	5	32	0	0		0	0	0	25.34	17	N	17	N	569	93	6	31	31

RECORD OF OCCURRENCES INCOMPLETE

SUM	SUM				TOTAL	TOTAL				TOTAL	TOTAL														
1258	36.4					1197	0			NUMBER OF DAYS	.37	5.8	25.16					28	SW	14330	FOR	142			
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	DEP.			PRECIPITATION	DEP.								DATE: 05	POSSIBLE	MONTH	AVG.	AVG.		
40.6	11.7	26.2	0.5		-21	0	0			2.01 INCH	6	-0.24								18296	78	4.6			

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
 † TRACE AMOUNT  
 \* ALSO ON AN EARLIER DATE, OR DATES.  
 HEAVY FOG - VISIBILITY 1/4 MILE OR LESS.  
 FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.  
 DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.  
 FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.  
 ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

SUMMARY BY HOURS

HOUR	LOCAL TIME	SKY COVER	STATION PRESSURE IN.	TEMPERATURE				RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	RESULTANT WIND SPEED M.P.H.
				AIR °F	WET BULB °F	DEW PT. °F	ICE PELLETS				
02	25.15	19									
05	25.15	17									
08	25.17	16	16	13	86	7.9	23	2.7			
11	25.19	29	26	20	68	10.6	23	2.5			
14	25.13	38	32	21	52	12.3	35				
17	25.13	35									
20	25.15	24									
23	25.17	21									

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	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
1																								
2																								
3																								
4	.02	.02	.01																					
5																								
6	T	.02	.06	.06	.01	.01	T	.01	T	T														
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								
17																								
18																								
19																								
20																								
21																								
22																								
23																								
24							.01	T	T	.01														
25																								
26																								
27																								
28																								
29																								
30																								
31																								

SUBSCRIPTION PRICE: \$2.55 PER YEAR, FOREIGN MAILING \$1.85 EXTRA. SINGLE COPY: 20 CENTS FOR MONTHLY ISSUE, 20 CENTS FOR ANNUAL SUMMARY. OTHER DATA IN RECORDS ON FILE CAN BE FURNISHED AT COST VIA MICROFILM, MICROFICHE, OR PAPER COPIES OF ORIGINAL RECORDS. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS, ORDERS, AND INQUIRIES TO NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.







DATE	TEMPERATURE °F			DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING (SEASON BEGINS WITH JAN.)	DEGREE BASE 65°	DAYS	WEATHER TYPES ON DATES OF OCCURRENCE	SNOW, ICE	PRECIPITATION		AVG. STATION PRESSURE IN.	WIND		SUNSHINE	SKY COVER TENTHS		DATE				
	MAXIMUM	MINIMUM	AVERAGE								WATER	SNOW		RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.		MINUTES	PERCENT OF POSSIBLE		SUNRISE TO SUNSET	NOON TO MIDNIGHT		
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	25	39	-4						.10	1.2	24.57			52	SW	262	39	8		1	1	
2	32	6	19	-16						.34	4.7	24.72			15	S	434	64	7		2	2	
3	29	5	17	-18						.07	7	24.61			20	N	68	10	10		3	3	
4	24	-3	11	-24						.13	2.0	24.83			13	NE	623	91	1		4	4	
5	27	-13*	7*	-28						5	0	25.12			18	N	600	100	0		5	5	
6	30	-6	12	-24						3	0	25.16			18	N	693	100	0		6	6	
7	36	0	18	-18						3	0	24.99			8	NE	695	100	0		7	7	
8	42	6	24	-12						2	0	24.97			14	N	698	100	0		8	8	
9	49	17	33	-3						1	0	24.95			13	N	658	94	1		9	9	
10	53	20	37	2						T	0	24.84			20	SE	601	85	6		10	10	
11	39	23	31	-4						T	0	24.78			28	SW	108	15	17		11	11	
12	35	20	28	-15						.07	1.1	25.16			18	NE	486	70	12		12	12	
13	54	13	34	-4						0	0	25.11			18	SW	702	98	8		13	13	
14	51	28	45	1						0	0	24.94			27	NE	545	76	4		14	14	
15	49	24	37	-3						0	0	25.16			18	NE	685	96	5		15	15	
16	59	19	39	1						0	0	25.15			13	SW	498	69	10		16	16	
17	66	23	45	7						0	0	25.00			17	S	516	72	10		17	17	
18	66	32	49*	11						0	0	24.78			43	SW	444	61	8		18	18	
19	48	23	36	-3						0	0	24.85			29	SW	484	67	8		19	19	
20	45	16	31	-8						0	0	25.14			17	NE	728	100	3		20	20	
21	56	14	35	-4						0	0	25.18			15	N	730	100	0		21	21	
22	67	17	42	2						0	0	25.07			25	SW	584	80	6		22	22	
23	68	27	48	8						0	0	24.89			19	N	544	74	8		23	23	
24	69*	22	46	6						0	0	24.89			30	SW	500	68	9		24	24	
25	47	27	37	-3						.08	.8	24.91			42	N	425	57	8		25	25	
26	53	16	35	-6						0	0	25.03			17	SW	742	100	1		26	26	
27	49	20	35	-3						.10	1.6	24.76			32	N	156	21	10		27	27	
28	43	13	28	-13						T	7	24.72			27	N	534	71	7		28	28	
29	41	24	33	-3						T	14	24.96			25	N	448	60	9		29	29	
30	51	17	34	-8						T	0	25.18			12	NE	752	100	2		30	30	
31	56	21	44	2						0	0	24.97			31	SW	714	95	2		31	31	
SUM	SUM	SUM	SUM	SUM	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	FOR THE MONTH:			TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	
1506	496				1006			0	NUMBER OF DAYS	1.06	14.7	24.95				52	SW	16748	FOR	165			
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	DEP.	PRECIPITATION	DEP.							DATE: 01	POSSIBLE MONTH	AVG.	AVG.				
48.6	16.0	32.3	-5.8					>.01 INCH	9	0.02								22249	75	5.4			
NUMBER OF DAYS		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL	
MAXIMUM TEMP.		MINIMUM TEMP.		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL	
30°		32°		32°		0°		5774		0		5.9		1-2		6		4+		6		4+	
0		5		31		4		252		0		CLEAR 11		PARTLY CLOUDY 7		CLOUDY 13							

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
 † TRACE AMOUNT  
 \* ALSO ON AN EARLIER DATE, OR DATES.  
 HEAVY FOG - VISIBILITY 1/4 MILE OR LESS.  
 FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.  
 DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.  
 FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PERM GUST SPEED.  
 ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY.

SUMMARY BY HOURS

HOUR	LOCAL TIME	SKY COVER TENTHS	AVERAGES					RESULTANT WIND		
			STATION PRESSURE IN.	TEMPERATURE	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.		
02			24.94	24						
05			24.84	22						
08	5		24.97	25	23	17	73	10.3	24	1.7
11	5		24.98	38	31	17	46	13.5	34	1.1
14	6		24.94	46	34	16	39	16.0	33	4.2
17	6		24.92	44						
20			24.93	33						
23			24.95	27						

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	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
1																								
2																								
3	.03	.03	.03	.02	.02	T	.01	.07	.10	.01	.01	.01												
4																								
5	.05	.02	.03	.02	.01	T	T	T	T															
6																								
7																								
8																								
9																								
10																								
11																								
12		.01	.04	.01	.01	T	T			.01	T	T				T	T	.01	.01					
13																								
14																								
15																								
16																								
17																								
18																								
19																								
20																								
21																								
22																								
23																								
24																								
25																								
26																								
27																								
28																								
29	.02	.05	.05	T	.02	T	T																	
30																								
31																								

SUBSCRIPTION PRICE: \$2.55 PER YEAR. FOREIGN MAILING \$1.85 EXTRA. SINGLE COPY: 20 CENTS FOR MONTHLY ISSUE. 20 CENTS FOR ANNUAL SUMMARY. OTHER DATA IN RECORDS ON FILE CAN BE FURNISHED AT COST VIA MICROFILM, MICROFICHE, OR PAPER COPIES OF ORIGINAL RECORDS. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS, ORDERS, AND INQUIRIES TO NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.

CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Thomas D. Potter

ARCH 1976

MILFORD, UTAH



APRIL 1976

MILFORD, UTAH

DATE	TEMPERATURE °F					DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLINDING SNOW	SNOW-ICE PELLETS OR ICE ON GROUND AT 11AM IN.	PRECIPITATION		AVG. STATION PRESSURE IN. W.S.L.	WIND			SUNSHINE MINUTES	SKY COVER TENTHS		DATE	
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE	DEW POINT	HEATING (SEASON BEGINS WITH JULY)			COOLING (SEASON BEGINS WITH JAN.)	WATER EQUIVALENT IN		SNOW-ICE PELLETS IN.	RESULTANT DIR.	RESULTANT SPEED M.P.H.		AVERAGE SPEED M.P.H.	FASTEST MILE M.P.H.		PERCENT OF POSSIBLE
1	64	35	50	-7		15	0					24.80			48	SW	720	95	0	1
2	61	23	42	-1		23	0					25.01			20	N	735	97	0	2
3	69	20	45	-2		20	0					24.95			15	SW	641	84	8	3
4	71	25	48	-5		16	0					24.84			21	S	492	63	6	4
5	58	32	45	-1		20	0			.01	T	24.79			33	SW	435	57	8	5
6	53	29	41	-3		24	0			T		24.87			32	S	327	42	8	6
7	57	20	44	0		21	0			0	0	24.88			11	SW	773	100	2	7
8	70	27	49	0		16	0			0	0	24.80			34	SW	312	40	8	8
9	63	27	45	0		20	0			0	0	24.92			17	S	778	100	0	9
10	72	19	46	1		19	0			0	0	24.95			26	SW	761	98	6	10
11	71	29	50	4		15	0			0	0	24.93			32	SW	731	93	6	11
12	63	36	50	4		15	0			0	0	24.62			36	SW	289	37	6	12
13	51	34	43	-3		22	0			.13	.4	24.78			28	SW	364	46	6	13
14	50	31	41	-5		24	0			.13	1.8	24.80			15	NE	377	48	9	14
15	48	26	37	-10		28	0			.32	2.4	24.57			34	NE	126	16	10	15
16	32	23	28*	-18		37	0			.23	2.4	24.58			28	NE	150	19	10	16
17	48	21	35	-13		30	0			4	T	24.90			15	S	412	52	6	17
18	50	32	41	-7		24	0			.01	T	24.86			22	SW	192	24	10	18
19	55	26	41	-7		24	0			0	0	25.10			12	E	765	98	1	19
20	69	28	48	-1		17	0			0	0	25.00			17	S	765	95	1	20
21	74	40	57*	8		8	0			0	0	24.82			27	SW	548	68	9	21
22	72	37	55	6		10	0			0	0	24.74			33	SW	548	68	9	22
23	64	35	50	0		15	0			0	0	24.99			17	NE	810	100	1	23
24	75*	27	51	1		14	0			0	0	25.03			18	SW	673	83	3	24
25	70	29	49	-1		16	0			.31	2.1	24.80			46	SW	349	43	6	25
26	42	16*	29	-22		36	0			.04	.4	24.81			12	NW	449	55	5	26
27	58	22	40	-11		25	0			0	0	24.84			20	NW	682	84	5	27
28	67	24	46	-5		19	0			0	0	24.94			22	S	709	86	7	28
29	69	32	51	0		14	0			0	0	25.06			16	NW	795	96	2	29
30	66	34	50	-2		15	0			0	0	25.20			25	N	826	100	0	30

SUM	SUM				TOTAL	TOTAL			TOTAL	TOTAL		FOR THE MONTH:	TOTAL	Z	SUM	SUM	
1842	838				602	0			1.18	9.5	24.88		49	SW	16555	FOR 167	
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.			PRECIPITATION	DEP.			DATE: 01	POSSIBLE	MONTH	AVG.	AVG.
61.4	27.9	44.7	-2.5		68	0			0	0.28				23776	70	5.6	
NUMBER OF DAYS		MINIMUM TEMP.		TOTAL		TOTAL		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.		ICE PELLETS OR ICE AND DATE	
3	90	32	32	1	5376	0	0	THUNDERSTORMS	PRECIPITATION	SNOW-ICE PELLETS	ICE PELLETS OR ICE AND DATE	4	17*				
0	1	23	0	320	0	0	0	CLEAR 10	PARTLY CLOUDY 8	CLOUDY 12							

SUMMARY BY HOURS

HOUR LOCAL TIME	SKY COVER TENTHS	AVERAGES					RESULTANT WIND		
		STATION PRESSURE IN.	TEMPERATURE	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.		
02		24.88	35						
05		24.88	32						
08		24.92	40	34	25	59	11.0	21	4.4
11		24.91	54	40	21	33	15.8	21	7.5
14		24.88	58	41	18	27	16.0	23	7.9
17		24.88	57						
20		24.88	45						
23		24.90	39						

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

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

SUBSCRIPTION PRICE: \$2.55 PER YEAR, FOREIGN MAILING \$1.85 EXTRA. SINGLE COPY: 20 CENTS FOR MONTHLY ISSUE, 20 CENTS FOR ANNUAL SUMMARY. OTHER DATA IN RECORDS ON FILE CAN BE FURNISHED AT COST VIA MICROFILM, MICROFICHE, OR PAPER COPIES OF ORIGINAL RECORDS. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS, ORDERS, AND INQUIRIES TO NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.





Y 1976

MILFORD, UTAH

DATE	TEMPERATURE °F			DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE	SNOW: ICE PELLETS OR ICE ON GROUND AT 11AM	PRECIPITATION		AVG. STATION PRESSURE IN. MEAN SEA LEVEL	WIND			SUNSHINE		SKY LIGHT TENTHS		DATE
	MAXIMUM	MINIMUM	AVERAGE			HEATING (SEASON BEGINS WITH JAN.)	COOLING (SEASON BEGINS WITH JULY)			WATER EQUIVALENT IN.	SNOW PELLETS IN.		RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE DIRECTION	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO SUNSET	
1	74	26*	50*	-2	15	0				0	0	25.10	10	SW	803	97	1	1		
2	70	35	57	0	0	0				0	0	24.92	22	SW	771	83	6	2		
3	76	37	57	4	0	0				0	0	24.89	28	S	584	70	10	3		
4	74	38	56	3	0	0				0	0	24.88	24	SW	719	86	9	4		
5	71	43	57	4	0	0				0	0	24.82	33	W	381	46	10	5		
6	65	44	55	1	10	0				0	.07	24.87	22	SE	404	48	10	6		
7	62	43	53	-1	12	0				0	.06	25.01	19	SE	319	38	10	7		
8	65	40	53	-1	12	0				0	0	25.00	23	SE	487	59	8	8		
9	75	36	56	1	0	0				0	0	25.05	18	NW	673	80	3	9		
10	78	40	59	3	0	0				0	0	25.04	26	N	655	77	4	10		
11	79	45	56	1	0	0				0	0	25.05	21	N	541	76	8	11		
12	70	42	56	0	0	0				0	0	25.14	28	NE	850	100	0	12		
13	79	33	56	0	0	0				0	0	25.14	16	NE	853	100	0	13		
14	87*	39	63	3	0	0				0	0	24.81	35	NE	853	100	0	14		
15	71	47	59	3	0	0				0	0	25.03	24	NE	822	96	0	15		
16	81	33	57	0	0	0				0	0	25.03	12	N	857	100	0	16		
17	84	40	62	5	0	0				0	0	24.87	26	SW	859	100	0	17		
18	82	41	62	5	0	0				0	0	24.88	32	SW	782	81	8	18		
19	80	46	63	6	0	0				0	0	24.85	28	SW	782	81	3	19		
20	77	46	62	4	0	0				0	0	24.83	24	SW	577	67	6	20		
21	76	48	62	4	0	0				0	0	24.96	25	S	388	46	8	21		
22	72	38	55	-3	10	0				0	.17	24.95	25	NW	543	63	6	22		
23	79	37	58	-1	7	0				0	0	24.81	20	SW	823	85	7	23		
24	78	36	58	-1	7	0				0	0	24.86	22	SW	797	82	1	24		
25	77	34	56	-1	0	0				0	0	24.87	19	NE	733	84	7	25		
26	75	43	58	0	0	0				0	0	25.06	16	NE	873	100	0	26		
27	84	36	60	0	0	0				0	0	24.88	18	SW	830	85	0	27		
28	82	45	64	4	1	0				0	0	24.80	34	SW	798	91	4	28		
29	75	44	60	0	0	0				0	.04	24.82	34	NW	314	36	10	29		
30	77	37	57	-1	0	0				0	0	24.82	28	SW	742	85	4	30		
31	81	46	64*	3	0	0				0	0	24.90	29	SW	879	100	1	31		
SUM	SUN				TOTAL	TOTAL				TOTAL	TOTAL	24.95			TOTAL	21415		SUM	SUM	
2366	1238				207	0				34	0				35	NE		146		
AVG	AVG	AVG	DEP.	AVG	DEP.	DEP.				PRECIPITATION	DEP.				DATE	14	MONTH	AVG	AVG	
76.3	39.8	58.1	1.6		-67	-10				2.01 INCH	-0.27					26330	81	4.7		
NUMBER OF DAYS		SEASON TO DATE		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE												
MAXIMUM TEMP.		MINIMUM TEMP.		58.3		0		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS								
90°		32°		-32°		0°		HEAVY FOG		.17		.22		0						
0		0		1		0		253		-10		CLEAR 13		PARTLY CLOUDY 8		CLOUDY 10				

SUMMARY BY HOURS

HOUR	WIND	AVERAGES				RESULTANT WIND		
		TEMPERATURE	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.	DIRECTION	
02	SW	46	37	30	63	8.2	21	4.5
05	SW	43	45	32	43	11.6	21	6.9
08	SW	56	49	28	23	13.0	21	6.7
11	SW	70	74	74	74			
14	SW	74	74	74	74			
17	SW	60	72	72	72			
20	SW	60	72	72	72			
23	SW	51	51	51	51			

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																								1	
2																								2	
3																								3	
4																								4	
5																								5	
6																								6	
7																								7	
8																								8	
9																								9	
10																								10	
11																								11	
12																								12	
13																								13	
14																								14	
15																								15	
16																								16	
17																								17	
18																								18	
19																								19	
20																								20	
21																								21	
22																								22	
23																								23	
24																								24	
25																								25	
26																								26	
27																								27	
28																								28	
29																								29	
30																								30	
31																								31	

SUBSCRIPTION PRICE: \$2.55 PER YEAR, FOREIGN MAILING \$1.65 EXTRA. SINGLE COPY: 20 CENTS FOR MONTHLY ISSUE, 20 CENTS FOR ANNUAL SUMMARY. OTHER DATA IN RECORDS ON FILE CAN BE FURNISHED AT COST VIA MICROFILM, MICROFICHE, OR PAPER COPIES OF ORIGINAL RECORDS. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS, ORDERS, AND INQUIRIES TO NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.

THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.

*Handwritten signature/initials*

DAY	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
02																													
05																													
08																													
11																													
14																													
17																													
20																													
23																													
02																													
05																													
08																													
11																													
14																													
17																													
20																													
23																													
02																													
05																													
08																													
11																													
14																													
17																													
20																													
23																													
02																													
05																													
08																													
11																													
14																													
17																													
20																													
23																													
02																													
05																													
08																													
11																													
14																													
17																													
20																													
23																													
02																													
05																													
08																													
11																													
14																													
17																													
20																													
23																													
02																													
05																													
08																													
11																													
14																													
17																													
20																													
23																													

NOTES

CEILING  
UNL INDICATES UNLIMITED

WEATHER

T THUNDERSTORM  
 O SQJALL  
 R RAIN  
 RM RAIN SHOWERS  
 ZR FREEZING RAIN  
 L DRIZZLE  
 ZL FREEZING DRIZZLE  
 S SNOW  
 SP SNOW PELLETS  
 IC ICE CRYSTALS  
 SN SNOW SHOWERS  
 SO SNOW GRAINS  
 IP ICE PELLETS  
 H HAIL  
 F FOG  
 IF ICE FOG  
 OF GROUND FOG  
 BD BLOWING DUST  
 BN BLOWING SAND  
 BS BLOWING SNOW  
 BY BLOWING SPRAY  
 M SMOKE  
 H HAZE  
 D DUST

WIND

DIRECTIONS ARE THOSE FROM WHICH THE WIND BLOWS. INDICATED IN TERMS OF DEGREES FROM TRUE NORTH: 1-E, 09 FOR EAST, 18 FOR SOUTH, 27 FOR WEST. ENTRY OF 00 IN THE DIRECTION COLUMN INDICATES CALM.

SPEED IS EXPRESSED IN KNOTS. MULTIPLY BY 1.15 TO CONVERT TO MILES PER HOUR.

STATION

MILFORD UTAH

YEAR &amp; MONTH

76 05

U.S. DEPARTMENT OF COMMERCE  
 NATIONAL CLIMATIC CENTER  
 FEDERAL BUILDING  
 ASHEVILLE, N.C. 28801

AN EQUAL OPPORTUNITY EMPLOYER

POSTAGE AND FEES PAID  
 U.S. DEPARTMENT OF COMMERCE

COM-210



FIRST CLASS



JUNE 1976

MILFORD, UTAH

DATE	TEMPERATURE ° F					DEGREE DAYS BASE 66°		WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 BLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW, ICE PELLETS OR ICE ON GROUND AT 11AM IN.	PRECIPITATION		AVG. STATION PRESSURE IN. ELEV. 5033 FEET M.S.L.	WIND			SUNSHINE		SKY COVER TENTHS		DATE	
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEN POINT	HEATING (BASED ON MEANS WITH JULY)	Cooling (BASED ON MEANS WITH JAN.)			WATER EQUIVALENT IN	SNOW, ICE PELLETS IN.		RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE PER HOUR	DIRECTION	MINUTES	PERCENT OF POSSIBLE		SUNRISE TO SUNSET
1	84	48	66	5		0	1					24.94			21	W	880	100	0	1	
2	85	44	65	4		0	0					24.91			26	SW	707	80	4	2	
3	84	49	67	6		0	2					24.85			30	SW	820	93	1	3	
4	83	46	65	3		0	0					24.91			27	SW	883	100	0	4	
5	84	38	61	-1		4	4					24.97			25	SW	884	100	2	5	
6	86	41	64	2		1	0					24.91			30	SW	805	91	1	6	
7	86	44	65	3		0	0					24.86			31	SW	771	87	4	7	
8	82	45	64	1		1	0					24.89			30	SW	735	83	6	8	
9	84	42	63	0		2	2					24.89			34	SW	843	95	1	9	
10	74	46	60	-3		5	5			.02		24.78			57	SW	533	60	5	10	
11	67	42	55	-6		10	0			.05		24.88			26	SW	351	40	10	11	
12	77	35	56	-6		9	0					24.92			17	SW	502	56	9	12	
13	76	37	57	-7		8	0					24.91			37	N	260	29	9	13	
14	65	24*	45*	-19		20	0					25.17			20	NE	890	100	0	14	
15	80	27	54	-11		11	0					25.08			15	N	803	90	6	15	
16	87	51	69	4		0	4					24.83			31	NE	257	29	9	16	
17	79	40	60	-5		3	0					24.93			16	NE	870	98	1	17	
18	82	41	62	-4		0	0					25.06			17	N	890	100	0	18	
19	93	41	67	1		0	0					25.02			21	SW	957	96	1	19	
20	91	51	71	4		0	6					24.91			37	SW	862	97	1	20	
21	90	50	70	3		0	5					24.85			37	SW	891	100	1	21	
22	75	53	64	-3		1	0					24.88			30	N	634	71	3	22	
23	76	37	57	-11		8	0					25.06			21	N	891	100	0	23	
24	78	40	60	-6		5	0					25.09			17	NE	891	100	0	24	
25	91	39	65	-3		0	0					24.91			30	SW	781	88	2	25	
26	83	51	67	-2		0	2					25.02			26	NE	867	97	0	26	
27	95	40	68	-1		0	3					25.07			22	S	890	100	1	27	
28	98	48	73	3		0	8					25.05			38	SW	710	80	4	28	
29	98*	51	75	5		0	10					24.94			26	S	723	81	6	29	
30	92	62	77*	7		0	12					24.90			33	SW	694	78	4	30	
SUM	SUM	SUM	SUM	SUM	SUM	TOTAL	TOTAL					TOTAL	TOTAL	FOR THE MONTH:			TOTAL	%	SUM	SUM	
2506	1303					93	65					.07	0	24.95			57	SW	22375	FOR 93	
AVG.	AVG.	AVG.	AVG.	AVG.	AVG.	DEP.	DEP.					PRECIPITATION	DEP.				DATE	IO	POSSIBLE MONTH	AVG.	AVG.
83.5	43.4	63.5	-1.7			1.1	-3.2					2.01 INCH	-0.49						266.44	84	3.1
NUMBER OF DAYS		TOTAL		TOTAL		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS		ICE PELLETS ON ICE AND DATE			
8		0		2		0		26.4		-43		CLEAR 18		PARTLY CLOUDY 7		CLOUDY 5					

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
 † TRACE AMOUNT  
 \* ALSO ON AN EARLIER DATE, OR DATES.  
 HEAVY FOG - VISIBILITY 1/4 MILE OR LESS.  
 FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.  
 DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.  
 FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.  
 ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

SUMMARY BY HOURS

HOUR	LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	AVERAGES				RESULTANT WIND	
				TEMPERATURE	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.	
02	24.95	50							
05	24.97	48	37	23	41	8.1	24	5.0	
08	24.99	53	46	26	12.4	22	6.1		
11	24.97	76	51	23	15	17.1	22	9.6	
14	24.83	81							
17	24.90	80							
20	24.91	69							
23	24.94	58							

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30

SUBSCRIPTION PRICE: \$2.55 PER YEAR. FOREIGN MAILING \$1.95 EXTRA. SINGLE COPY: 20 CENTS FOR MONTHLY ISSUE. 20 CENTS FOR ANNUAL SUMMARY. OTHER DATA IN RECORDS ON FILE CAN BE FURNISHED AT COST VIA MICROFILM, MICROFICHE, OR PAPER COPIES OF ORIGINAL RECORDS. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS, ORDERS, AND INQUIRIES TO NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.

OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.



JULY 1976

MILFORD, UTAH

DATE	TEMPERATURE ° F						DEGREE DAYS		WEATHER TYPES ON DATES OF OCCURRENCE	SNOW, ICE PELLETS OR ICE ON GROUND AT 11 AM	PRECIPITATION		AVG. STATION PRE-SURE IN. ELEV. 5033 FEET M.S.L.	WIND				SUNSHINE		SKY COVER TENTHS		DATE		
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE	DEW POINT	HEATING (SENSE) READINGS WITH WIND	COOLING (SENSE) READINGS WITH WIND			WATER EQUIVA- LENT IN	SNOW- ICE PELLETS IN		RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT			
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
1	91	52	72	1		0	7		0	0	0	24.87				31	SW	843	95	0		1		
2	90	45	68	-4		0	3		0	0	0	24.80				22	SW	884	100	0		2		
3	92	45*	69	-3		0	4		0	0	0	25.02				24	SW	887	100	0		3		
4	94	47	71	-1		0	6		0	0	0	25.07				24	SW	853	96	0		4		
5	95	47	72	0		0	7		0	0	0	25.05				25	S	885	100	0		5		
6	97	56	77	4		0	12		0	0	0	24.99				25	SW	881	100	1		6		
7	98	54	76	3		0	11		0	0	0	24.95				24	SW	665	75	2		7		
8	100	58	79	6		0	14		0	0	0	24.95				26	S	861	98	1		8		
9	101	57	84	11		0	19		0	0	0	24.95				23	S	763	87	1		9		
10	102*	62	82	8		0	17		0	0	0	24.96				26	SE	640	73	3		10		
11	98	69	84*	10		0	19		0	0	0	24.91				25	SW	563	64	6		11		
12	91	63	77	3		0	12		0	15	0	24.88				32	W	508	58	6		12		
13	93	55	74	0		0	9		0	0	0	24.93				23	SW	716	82	3		13		
14	90	63	77	3		0	12		0	0	0	24.99				26	S	398	45	5		14		
15	97	53	75	1		0	10		0	0	0	25.04				17	SW	578	77	7		15		
16	99	59	79	3		0	14		0	0	0	25.08				26	SW	424	49	5		16		
17	78	58	68	-7		0	3		0	0	0	25.10				26	SW	101	12	10		17		
18	83	57	70	-5		0	5		0	0	0	25.04				20	W	224	26	8		18		
19	88	56	72	-3		0	7		0	0	0	25.06				22	S	464	53	7		19		
20	88	50	69	-6		0	4		0	0	0	25.07				22	W	696	80	3		20		
21	92	53	73	-2		0	8		0	0	0	25.02				16	SW	756	87	2		21		
22	98	54	76	0		0	11		0	0	0	25.03				12	S	731	84	4		22		
23	98	57	78	2		0	13		0	0	0	25.08				32	S	516	60	6		23		
24	96	56	76	0		0	11		0	0	0	25.09				34	W	468	54	6		24		
25	89	58	74	-2		0	9		0	0	0	25.09				26	N	461	54	8		25		
26	91	55	73	-3		0	8		0	0	0	25.04				23	NW	475	55	5		26		
27	96	62	79	3		0	14		0	0	0	25.02				27	SW	587	68	3		27		
28	94	64	79	3		0	14		0	0	0	25.01				29	S	505	59	7		28		
29	93	60	77	1		0	12		0	0	0	24.98				37	SW	621	73	7		29		
30	87	60	74	-1		0	9		0	0	0	25.01				32	S	709	83	5		30		
31	76	59	67*	-8		0	2		0	0	0	25.04				29	S	398	46	9		31		
SUM	SUM					TOTAL	TOTAL		TOTAL	TOTAL		FOR THE MONTH				TOTAL	A	SUN	SUN					
2876	1753					0	306		1.08	0	25.01					37	SW	19131	FOR 125					
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	0	0		PRECIPITATION	DEP.						DATE	29	ANNUAL MONTH	AVG.	AVG.				
92.8	56.5	74.7	0.4			0	18		5.01	INCH	8							27044	71	1.2				
NUMBER OF DAYS		TOTAL		TOTAL		TOTAL		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE												
90	32	32	0	0	0	0	361		THUNDERSTORMS	PRECIPITATION	SNOW, ICE PELLETS													
24	0	0	0	0	0	0	-25		HEAVY FOG			.41	29-30	0										
									CLEAR 15	PARTLY CLOUDY 11	CLOUDY 5													

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
 † TRACE AMOUNT  
 \* ALSO ON AN EARLIER DATE, OR DATES.  
 HEAVY FOG - VISIBILITY 1/4 MILE OR LESS.  
 † FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.  
 DATA IN COLS. 6 AND 12-16 ARE BASED ON 7 OR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.  
 FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.  
 ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

SUMMARY BY HOURS

HOUR	LOCAL TIME	SKY COVER TENTHS	AVERAGES					RESULTANT WIND	
			STATION PRESSURE IN.	TEMPERATURE	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.	
			AIR ° F	WET BULB ° F	DEW PT. ° F				
02			35.01	63					
05			25.02	60					
08			25.05	71					
11			25.04	85					
14			25.00	89					
17			24.96	87					
20			24.97	76					
23			25.00	68					

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30	T	.01	.01	T	T	T																		30	
31																									31

SUBSCRIPTION PRICE: \$2.55 PER YEAR, FOREIGN MAILING \$1.85 EXTRA. SINGLE COPY: 20 CENTS FOR MONTHLY ISSUE, 20 CENTS FOR ANNUAL SUMMARY. OTHER DATA IN RECORDS ON FILE CAN BE FURNISHED AT COST VIA MICROFILM, MICROFICHE, OR PAPER COPIES OF ORIGINAL RECORDS. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS, ORDERS, AND INQUIRIES TO NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.

THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NORTH CAROLINA 28801.









SEPTEMBER 1976 MILFORD, UTAH

DATE	TEMPERATURE °F					DEGREE DAYS		WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 BLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW, ICE PELLETS OR ICE ON GROUND AT 11 AM IN.	PRECIPITATION		AVD. STATION PRES. IN.	WIND			SUNSHINE		SKY COVER TENTHS		DATE	
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING (BASE 65°) BEDDING WITH JULY	COOLING (BASE 65°) BEDDING WITH JAN. 1			WATER EQUIV. IN.	SNOW, ICE PELLETS IN.		RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO SUNSET		MIDNIGHT TO MIDNIGHT
1	89	48	69	1		0	4			0	0	0 25.07			18	NE	791	100	0	1	
2	90	43	67	-1		0	2			0	0	0 25.06			18	S	779	100	0	2	
3	93	48	71	3		0	6			0	0	0 25.06			17	SW	776	100	0	3	
4	94*	50	72*	5		0	7			0	0	0 25.04			17	SW	675	87	3	4	
5	84	51	68	1		0	3			0	.08	0 24.99			26	SW	304	39	10	5	
6	81	52	67	0		0	2			0	.26	0 24.95			28	W	135	18	10	6	
7	76	53	65	-1		0	0			0	.02	0 25.08			24	N	417	54	6	7	
8	77	46	62	-1.4		3	3			0	0	0 25.19			17	N	765	100	1	8	
9	79	44	62	-3		3	3			0	0	0 25.22			20	SW	478	63	9	9	
10	77	58	68	3		0	3			0	.05	0 25.07			24	S	8	11	10	10	
11	72	53	63	-2		2	2			0	0	0 25.00			34	SW	426	56	9	11	
12	79	53	66	-2		0	1			0	0	0 25.02			18	S	556	74	9	12	
13	77	53	65	-1		0	0			0	0	0 25.06			23	N	684	81	9	13	
14	82	47	65	1		0	0			0	0	0 25.03			23	SW	707	94	8	14	
15	80	53	67	4		0	2			0	0	0 25.04			31	SW	728	97	8	15	
16	81	47	64	1		1	3			0	0	0 24.95			27	SW	598	80	5	16	
17	79	44	62	0		3	0			0	0	0 25.00			29	SW	728	98	1	17	
18	75	40	58	-1.4		7	7			0	0	0 25.07			17	N	716	97	0	18	
19	78	39	59	-3		6	6			0	0	0 25.06			14	NE	708	96	0	19	
20	82	39	61	0		4	4			0	0	0 25.07			28	S	590	80	9	20	
21	77	48	63	2		2	2			0	0	0 25.06			29	S	306	42	10	21	
22	79	37	58	-3		7	7			0	0	0 25.01			17	SW	624	85	8	22	
23	77	44	61	1		4	4			0	.01	0 25.05			24	W	258	35	9	23	
24	79	49	64	4		1	7			0	0	0 25.03			18	W	454	63	7	24	
25	71	44	58	-1		7	7			0	0	0 24.93			22	NE	331	46	9	25	
26	72	37	55*	-1.4		10	10			0	0	0 24.92			20	N	630	68	6	26	
27	75	37*	56	-3		9	9			0	0	0 24.98			14	S	652	91	1	27	
28	79	40	60	2		5	5			0	0	0 24.99			14	SW	673	94	1	28	
29	79	38	59	1		6	6			0	0	0 25.02			10	W	530	74	9	29	
30	84	38	61	3		4	4			0	0	0 25.03			12	SE	663	93	1	30	
SUM		SUM		TOTAL		TOTAL		NUMBER OF DAYS		TOTAL		FOR THE MONTH		TOTAL		SUM		SUM		SUM	
2397		1373		84		30		43		0 25.03		34		SW		16745		FOR 151			
AVG.		AVG.		AVG.		DEP.		PRECIPITATION		DEP.		DATE		11		22377		75		5.0	
79.9		45.8		62.9		-0.1		3.36		-3.0		22377		75		5.0					
NUMBER OF DAYS		TOTAL		TOTAL		TO DATE		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.									
MAXIMUM TEMP.		MINIMUM TEMP.		PRECIPITATION		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS		ICE PELLETS OR ICE AND DATE									
94*		32*		32*		0.0		.27		6-7		D									
3		0		D		0		-40		-176		CLEAR 13		PARTLY CLOUDY 5		CLOUDY 12					

## SUMMARY BY HOURS

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
 † TRACE AMOUNT  
 + ALSO ON AN EARLIER DATE, OR DATES.  
 HEAVY FOG - VISIBILITY 1/4 MILE OR LESS.  
 FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.  
 DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS. FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.  
 ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

HOUR	LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE				RELATIVE HUMIDITY %		WIND SPEED M.P.H.		RESULTANT WIND	
				AIR °F	WET BULB °F	DEW PT. °F	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.	DIRECTION		
02	02	25.03	53										
05	05	25.04	50	45	38	65	6.9	23	3.9				
08	08	25.07	56	48	40	58	7.3	22	2.8				
11	11	25.07	72	54	39	32	13.3	23	4.2				
14	14	25.01	78	55	35	24	13.9	23	4.0				
17	17	24.98	75										
20	20	25.00	62										
23	23	25.02	57										

## HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																								1	
2																								2	
3																								3	
4																								4	
5																								5	
6																								6	
7			.01	T																				7	
8																								8	
9																								9	
10								T	T															10	
11									T	T	T													11	
12																								12	
13																								13	
14																								14	
15																								15	
16																								16	
17																								17	
18																								18	
19																								19	
20																								20	
21																								21	
22																								22	
23																								23	
24																								24	
25																								25	
26																								26	
27																								27	
28																								28	
29																								29	
30																								30	



DATE	TEMPERATURE °F			DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 DRIZZLE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLINDING SNOW	SNOW-ICE ON GROUND AT 11 AM IN.	PRECIPITATION		AVG. STATION PRESSURE IN.	WIND			SUNSHINE		SKY COVER TENTHS		DATE		
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	OVERAGE			DEW POINT	HEATING (COOLING) BEGINS WITH ADJ. °		COOLING (HEATING) BEGINS WITH ADJ. °	WATER EQUIVALENT IN.	SNOW-ICE PELLETS IN.	RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE		MINUTES	PERCENT OF POSSIBLE
1																				
2	82*	48	65*	8		0	0	0	.09	0	24.95			23	SW	252	36	10		2
3	60	48	54	-13		11	0	0	.77	0	24.91			31	SW	120	17	9		3
4	56	37	47	-11		18	0	0	.27	0	25.00			25	NE	112	16	7		4
5	50	29	45	-18		20	0	0	0	0	25.07			17	NE	70	100	2		5
6	55	30	48	-18		17	0	0	0	0	25.11			10	NE	698	100	2		6
7	67	34	51	-14		14	0	0	0	0	25.14			24	N	868	95	9		7
8	63	32	48	-17		17	0	0	0	0	25.24			18	N	693	100	0		8
9	70	28	50	-14		16	0	0	0	0	25.21			11	N	691	100	0		9
10	76	30	53	-11		12	0	0	0	0	25.14			11	S	688	100	1		10
11	78	33	56	-8		9	0	0	0	0	25.05			31	SW	686	100	1		11
12	77	41	59	-5		6	0	0	0	0	25.02			19	NE	576	84	3		12
13	67	42	55	-6		10	0	0	0	0	25.20			24	NE	681	100	0		13
14	69	30	50	-12		15	0	0	0	0	25.21			15	N	678	100	0		14
15	73	27	50	-12		15	0	0	0	0	25.01			15	NE	676	100	0		15
16	74	26	50	-11		15	0	0	0	0	24.96			10	NE	673	100	0		16
17	73	33	53	-8		12	0	0	0	0	25.04			16	SW	581	87	6		17
18	74	42	58	-6		7	0	0	0	0	24.98			20	NE	668	100	1		18
19	54	28	40	-10		25	0	0	0	0	29.10			20	N	866	100	0		19
20	59	15	37	-13		28	0	0	0	0	25.17			12	N	654	100	0		20
21	59	15*	37	-13		28	0	0	0	0	25.14			18	NE	643	97	3		21
22	64	17	41	-8		24	0	0	0	0	25.02			8	N	538	82	6		22
23	66	33	50	-2		15	0	0	0	0	24.90			15	SW	531	81	6		23
24	66	27	47	-11		18	0	0	0	0	24.93			17	NW	524	80	1		24
25	65	27	46	-11		19	0	0	0	0	25.05			14	SW	637	98	1		25
26	60	28	44	-13		21	0	0	0	0	25.02			26	NE	394	61	4		26
27	49	30	40	-16		25	0	0	0	T	25.11			27	N	150	23	9		27
28	52	26	39	-17		26	0	0	0	0	25.19			21	N	645	100	0		28
29	55	18	37*	-18		28	0	0	0	0	25.13			16	N	643	100	0		29
30	62	18	40	-15		25	0	0	0	0	25.07			11	SW	571	89	3		30
31	60	25	43	-11		22	0	0	0	0	25.11			14	NE	427	67	5		31
30	67	18	43	-11		22	0	0	0	0	25.20			12	S	596	94	3		30
SUM	SUM					TOTAL	TOTAL		TOTAL	TOTAL	FOR THE MONTH:			TOTAL	X	SUM	SUM			
2023	914					539	0		1.13	T	25.08			31	SW	17472	FOR 91			
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.			PRECIPITATION	DEP.				DATE: 10+	POSSIBLE MONTH	AVG.	AVG.			
65.3	29.5	47.4	-3.3			96	0		7.01 INCH	0.35				20812	84	2.9				
SEASON TO DATE																				
NUMBER OF DAYS																				
MAXIMUM TEMP.																				
MINIMUM TEMP.																				
DEW POINT																				
PRECIPITATION																				
SNOW-ICE PELLETS																				
THUNDERSTORMS																				
HEAVY FOG																				
CLEAR																				
PARTLY CLOUDY																				
CLOUDY																				

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
T TRACE AMOUNT  
\* ALSO ON AN EARLIER DATE, OR DATES.  
HEAVY FOG - VISIBILITY 1/4 MILE OR LESS.  
FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.  
DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS. FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK DUST SPEED.  
ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

## SUMMARY BY HOURS

HOUR LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE			RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.
			AIR °F	WET BULB °F	DEW PT. °F				
02		25.08	36						
05		25.08	35						
08	3	25.11	38						
11	3	25.11	56						
14	3	25.05	63						
17	3	25.04	61						
20		25.06	45						
23		25.08	40						

## HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

HOUR	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
1																								
2	T	T	T	.15	.19	.13	.08	.10	.04	.02	.02	.02	T	.01	.01	T		.02	.01	T	.03	T	.02	.01
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								
17																								
18																								
19																								
20																								
21																								
22																								
23																								
24																								
25																								
26																								
27																								
28																								
29																								
30																								
31																								

OCTOBER 1976

MILFORD, UTAH

DAY	02	05	08	11	14	17	20	23	02	05	08	11	14	17	20	23	02	05	08	11	14	17	20	23	02	05	08	11	14	17	20	23	02	05	08	11	14	17	20	23	02	05	08	11	14	17	20	23	02	05	08	11	14	17	20	23	02	05	08	11	14	17	20	23	02	05	08	11	14	17	20	23																																																																																																																															
DAY 04									DAY 05								DAY 06								DAY 07							DAY 08							DAY 09							DAY 10							DAY 11							DAY 12							DAY 13							DAY 14							DAY 15							DAY 16							DAY 17							DAY 18							DAY 19							DAY 20							DAY 21							DAY 22							DAY 23							DAY 24							DAY 25							DAY 26							DAY 27							DAY 28							DAY 29							DAY 30							DAY 31						

NOTES  
CEILING  
UNL INDICATES UNLIMITED

WEATHER

W TORNADO  
T THUNDERSTORM  
O SQUALL  
R RAIN  
RW RAIN SHOWERS  
ZR FREEZING RAIN  
L DRIZZLE  
ZL FREEZING DRIZZLE  
S SNOW  
SP SNOW PELLETS  
IC ICE CRYSTALS  
SW SNOW SHOWERS  
SG SNOW GRAINS  
IP ICE PELLETS  
H HAIL  
F FOG  
IF ICE FOG  
GF GROUND FOG  
BD BLOWING DUST  
BN BLOWING SAND  
BS BLOWING SNOW  
BY BLOWING SPRAY  
K SMOKE  
H HAZE  
D DUST

WIND

DIRECTIONS ARE THOSE FROM WHICH THE WIND BLOWS. INDICATED IN TENS OF DEGREES FROM TRUE NORTH: I.E., 09 FOR EAST, 18 FOR SOUTH, 27 FOR WEST. ENTRY OF 00 IN THE DIRECTION COLUMN INDICATES CALM.

SPEED IS EXPRESSED IN KNOTS; MULTIPLY BY 1.15 TO CONVERT TO MILES PER HOUR.

STATION

MILFORD UTAH

YEAR & MONTH

76 10

U.S. DEPARTMENT OF COMMERCE  
NATIONAL CLIMATIC CENTER  
FEDERAL BUILDING  
ASHEVILLE, N.C. 28801

AN EQUAL OPPORTUNITY EMPLOYER

POSTAGE AND FEES PAID  
U.S. DEPARTMENT OF COMMERCE

COM-210



FIRST CLASS







DECEMBER 1976 MILFORD, UTAH

DATE	TEMPERATURE °F			DEGREE DAYS BASE 65°	WEATHER TYPES ON DATES OF OCCURRENCE	SNOW ICE PELLETS OR ICE ON GROUND AT 11 AM	PRECIPITATION		AVD. STATION PRES- SURE IN. ELEV. 5033 FEET M.S.L.	WIND			SUNSHINE MINUTES	SKY COVER TENTHS		DATE
	MAXIMUM	MINIMUM	AVERAGE				DEPARTURE FROM NORMAL	AVERAGE DEW POINT		WATER EQUIVA- LENT IN	SNOW, ICE PELLETS IN.	RESULTANT DIR.		RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	
1	43	10	27	-5	38	0	0	0	25.37		17	N	582	100	0	1
2	52	9	30	-2	35	0	0	0	25.32		8	SW	581	100	0	2
3	50	10	30	-4	35	0	0	0	25.13		15	NE	579	100	0	3
4	42	12	27	-4	38	0	0	0	24.94		12	N	150	26	9	4
5	36	15	26	-5	39	0	0	.02	25.03		16	NE	40	7	10	5
6	40	6	23	-6	42	0	0	0	25.19		12	NE	560	97	1	6
7	52	7	30	0	35	0	0	0	25.16		10	N	478	63	9	7
8	57	13	35	5	30	0	0	0	24.99		23	SW	574	100	0	8
9	46	16	31	1	34	0	0	T	24.91		27	N	187	33	8	9
10	37	12	25	-5	40	0	0	0	25.24		23	NE	430	75	4	10
11	40	4	22	-6	43	0	0	0	25.26		18	N	572	100	1	11
12	47	5	26	-3	38	0	0	0	25.21		13	N	572	100	0	12
13	53	8	31	2	34	0	0	0	25.14		19	SW	561	98	9	13
14	50	13	32	3	33	0	0	0	25.15		13	N	545	95	9	14
15	45	5	25	-4	40	0	0	0	25.24		20	NW	570	100	0	15
16	45	5	25	-3	40	0	0	0	25.20		12	NE	570	100	6	16
17	50	2	26	-2	39	0	0	0	24.99		10	SW	547	96	0	17
18	54	10	32	4	33	0	0	0	25.02		19	SW	514	90	0	18
19	43	5	24	-4	41	0	0	0	25.16		21	N	569	100	0	19
20	40	1	21	-7	44	0	0	0	25.22		12	NE	569	100	0	20
21	39	-4	18	-10	47	0	0	0	25.11		13	N	569	100	1	21
22	41	1	21	-6	44	0	0	0	25.10		15	N	510	90	9	22
23	50	8	29	2	36	0	0	0	24.98		23	SW	352	62	9	23
24	37	8	23	-4	42	0	0	T	24.98		23	NE	455	80	4	24
25	42	-1	21	-6	44	0	0	0	25.24		10	N	569	100	1	25
26	54	9	32	5	33	0	0	0	25.16		16	SW	495	87	5	26
27	49	14	32	6	33	0	0	0	25.04		20	NE	565	98	6	27
28	45	2	24	-2	41	0	0	0	25.14		13	N	570	100	0	28
29	44	-1	22	-4	43	0	0	0	24.89		17	S	435	76	10	29
30	42	20	31	5	34	0	.03	.6	24.75		26	SW	318	56	9	30
31	41	20	31	5	34	0	0	0	24.76		19	SW	489	85	3	31

SUM	SUM	TOTAL			TOTAL			FOR THE MONTH			TOTAL		%	
1405	243	1183	0	0	NUMBER OF DAYS	05	9	25.10	27	N	15078	FOR	116	
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	PRECIPITATION	DEP.	DATE	09	POSSIBLE	MONTH	AVG.	AVG.
45.4	7.9	26.6	-2.0	55	0	0	2	-0.68			17741	95	3.7	

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
 † TRACE AMOUNT  
 ‡ ALSO ON AN EARLIER DATE, OR DATES.  
 HEAVY FOG - VISIBILITY 1/4 MILE OR LESS.  
 FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.  
 DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.  
 FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.  
 ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

SUMMARY BY HOURS

HOUR	LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE			RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	RESULTANT WIND SPEED M.P.H.
				AIR °F	NET BULB °F	DEW PT. °F				
02		25.11	15							
05		25.10	13							
08	4.4	25.12	12	11	12	3	69	7.3	21	4.8
11	4.4	25.14	33	27	43	29	10.6	24	2.1	
14	4.4	25.07	43	32	11	29	13.1	35	3.9	
17		25.06	38							
20		25.08	23							
23		25.09	18							

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																								1	
2																								2	
3																								3	
4																								4	
5																								5	
6																								6	
7																								7	
8																								8	
9																								9	
10																								10	
11																								11	
12																								12	
13																								13	
14																								14	
15																								15	
16																								16	
17																								17	
18																								18	
19																								19	
20																								20	
21																								21	
22																								22	
23																								23	
24																								24	
25																								25	
26																								26	
27																								27	
28																								28	
29																								29	
30																								30	
31																								31	

SUBSCRIPTION PRICE: \$2.55 PER YEAR. FOREIGN MAILING \$1.85 EXTRA. SINGLE COPY: 20 CENTS FOR MONTHLY ISSUE, 20 CENTS FOR ANNUAL SUMMARY. OTHER DATA IN RECORDS ON FILE CAN BE FURNISHED AT COST VIA MICROFILM, MICROFICHE, OR PAPER COPIES OF ORIGINAL RECORDS. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS, ORDERS, AND INQUIRIES TO NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*Daniel B. Mitchell*





DATE	TEMPERATURE			DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING (SERSON BEGINS WITH JAN.)	COOLING (SERSON BEGINS WITH JAN.)	ON DATES OF OCCURRENCE	ICE PELLETS OR ICE ON GROUND AT 11AM	PRECIPITATION EQUIVALENT	SNOW-ICE PELLETS	STATION PRESSURE IN.	RESULTANT DIR.	RESULTANT SPEED M.P.H.	WIND AVERAGE SPEED M.P.H.	FASTEST MILE PER HOUR	DIRECTION	MINUTES	PERCENT OF POSSIBLE	SUNSHINE TO SUNSET	MIDNIGHT TO MIDNIGHT	DATE
	MAXIMUM	MINIMUM	AVERAGE																			
1	40	17	29	3		36	0		0	0	0	24.79				25	S	321	56	6	1	
2	38	23	31	8		34	0		0	0	0	24.84				27	SW	0	0	10	2	
3	39	26	33	8		32	0		0	.06	0	24.62				30	SW	228	40	7	3	
4	34	12	23	-8		42	0		0	0	0	24.86				14	NE	425	74	6	4	
5	34	14	24	-1		41	0		0	0	0	24.83				17	N	447	78	6	5	
6	31	4	18	-7		47	0		0	0	0	25.13				16	N	576	100	0	6	
7	36	-1	18	-7		47	0		0	0	0	24.87				18	SW	577	100	0	7	
8	26	11	19	-6		46	0		0	.03	.6	24.82				17	SW	195	34	9	8	
9	30	-1	15	-10		50	0		1	0	0	25.09				14	N	570	100	1	9	
10	31	1	16	-9		48	0		0	0	0	25.01				12	S	53	9	10	10	
11	37	-1	18	-9		47	0		0	0	0	25.09				10	NE	582	100	0	11	
12	45	4	25	0		40	0		0	0	0	24.93				20	SW	443	76	7	12	
13	37	3	20	-3		45	0		0	0	0	24.98				15	N	263	45	7	13	
14	40	4	22	0		43	0		0	0	0	25.08				10	N	539	91	5	14	
15	49	4	27	3		38	0		0	0	0	25.13				14	S	587	100	1	15	
16	49	6	28	4		37	0		0	0	0	25.26				11	N	573	87	6	16	
17	50	8	29	4		36	0		0	0	0	25.38				18	NE	590	100	3	17	
18	51	13	32	7		33	0		0	0	0	25.31				12	N	581	100	7	18	
19	48	12	30	3		35	0		0	0	0	25.17				14	NE	424	71	10	19	
20	48	10	29	3		36	0		0	0	0	25.09				9	N	215	36	10	20	
21	52	22	37	11		28	0		0	.01	0	25.02				17	SW	284	48	10	21	
22	45	34	40	14		25	0		0	.08	T	25.02				18	SW	13	2	10	22	
23	41	30	36	10		29	0		0	.03	T	25.13				15	N	28	5	10	23	
24	39	16	28	2		37	0		0	0	0	25.21				17	N	308	51	7	24	
25	32	7	20	-6		44	0		0	0	0	25.11				12	N	155	26	10	25	
26	35	7	21	-6		45	0		0	0	0	25.04				11	N	402	66	5	26	
27	45	4	25	0		40	0		0	0	0	25.02				13	N	606	100	0	27	
28	47	6	27	0		38	0		0	0	0	25.08				17	N	609	100	0	28	
29	45	4	25	0		40	0		0	0	0	25.03				21	NE	611	100	0	29	
30	45	8	27	0		38	0		0	0	0	25.15				18	N	613	100	0	30	
31	48	4	26	-2		39	0		0	0	0	25.07				12	NW	412	67	10	31	
SUM	1267	311				1217	0	NUMBER OF DAYS	21	1.1	25.04					30	SW	12245	FOR	173		
AVG.	40.9	10.0	25.5	-0.2				PRECIPITATION	0.01		-0.40					DATE: 03		18298	MONTH	87	AVG.	
NUMBER OF DAYS		TOTAL		SEASON TO DATE		TOTAL		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.		GREATEST DEPTH ON GROUND OF SNOW.		ICE PELLETS OR ICE AND DATE						
MAXIMUM TEMP.		MINIMUM TEMP.		38.40		0		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS		ICE PELLETS OR ICE AND DATE								
> 90°		< 32°		< 32°		< 0°		HEAVY FOG		-09		21-22		.6		8				9+		
0		5		30		3		93		0		CLEAR 10		PARTLY CLOUDY 11		CLOUDY 10						

RECORD OF OCCURRENCES INCOMPLETE

SUMMARY BY HOURS

HOUR	LOCAL TIME	SKY COVER	STATION PRESSURE	TEMPERATURE				RELATIVE HUMIDITY %	WIND SPEED M.P.H.	RESULTANT WIND	
				AIR °F	WET BULB °F	DEW PT. °F	DIRECTION			SPEED M.P.H.	
02		25.04	17								
05		25.04	14								
08		25.06	14	14	10	83	7.8	22	4.3		
11	P.M.	25.08	20	26	17	63	8.9	16	2.0		
14		25.02	39	31	17	45	11.8	02			
17		25.01	36								
20		25.03	24								
23		25.05	20								

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31

SUBSCRIPTION PRICE: \$2.55 PER YEAR. FOREIGN MAILING \$1.85 EXTRA. SINGLE COPY: 20 CENTS FOR MONTHLY ISSUE. 20 CENTS FOR ANNUAL SUMMARY. OTHER DATA IN RECORDS ON FILE CAN BE FURNISHED AT COST VIA MICROFILM, MICROFICHE, OR PAPER COPIES OF ORIGINAL RECORDS. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS, ORDERS, AND INQUIRIES TO NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.





UNL INDICATES UNLIMITED

WEATHER

- \* TORNADO
- T THUNDERSTORM
- R RAIN
- Q SQUALL
- R RAIN
- RW RAIN SHOWERS
- ZR FREEZING RAIN
- L DRIZZLE
- ZL FREEZING DRIZZLE
- S SNOW
- SP SNOW PELLETS
- IC ICE CRYSTALS
- SM SNOW SHOWERS
- SC SNOW GRAINS
- IP ICE PELLETS
- A HAIL
- F FOG
- IF ICE FOG
- GF GROUND FOG
- BD BLOWING DUST
- BN BLOWING SAND
- BS BLOWING SNOW
- BY BLOWING SPRAY
- K SMOKE
- H HAZE
- D DUST

WIND

DIRECTIONS ARE THOSE FROM WHICH THE WIND BLOWS. INDICATED IN TENS OF DEGREES FROM TRUE NORTH: I.E., 09 FOR EAST, 18 FOR SOUTH, 27 FOR WEST. ENTRY OF 00 IN THE DIRECTION COLUMN INDICATES CALM.

SPEED IS EXPRESSED IN KNOTS: MULTIPLY BY 1.15 TO CONVERT TO MILES PER HOUR.

DAY	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
02	22	17	19	17	12	74	21	11	10	100	30	16	17	15	14	10	80	00	0	0	UNL	40	17	10	06	06	02	83	00	0
05	17	16	30	27	21	69	35	11	3	UNL	40	0	27	23	12	53	04	10	0	0	UNL	40	23	19	06	48	02	4	4	
08	34	28	17	50	01	12	2	2	1	UNL	40	0	33	27	15	48	01	10	0	0	UNL	40	31	24	08	38	35	13	13	
11	29	22	14										29	22	20								27	17	20					
14	29	22	14										29	22	20								27	17	20					
17	29	22	14										29	22	20								27	17	20					
20	29	22	14										29	22	20								27	17	20					
23	29	22	14										29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20								27	17	20					
													29	22	20															

FEBRUARY 1977 MILFORD, UTAH

DATE	TEMPERATURE °F			DEGREE DAYS BASE 65°	WEATHER TYPES ON DATES OF OCCURRENCE	SNOW-ICE PELLETS OR ICE ON GROUND AT 11AM	PRECIPITATION		AVG. STATION PRESSURE IN. ELEV. 5033 FEET M.S.L.	WIND			SUNSHINE		SKY COVER TENTHS		DATE
	MAXIMUM	MINIMUM	AVERAGE				WATER EQUIVALENT IN.	SNOW-ICE PELLETS IN.		RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE M.P.H.	DIRECTION	MINUTES	PERCENT OF POSSIBLE	
1	39	11	25	-3		0	0	0	24.95			21	N	513	83	7	1
2	39	15	27	-1		0	0	0	25.04			17	N	551	89	1	2
3	44	6	25	-4		0	0	0	25.18			13	NE	620	100	0	3
4	44	4	24*	-5		0	0	0	25.20			18	NE	623	100	2	4
5	47	12	30	1		0	0	0	25.13			17	NE	547	88	5	5
6	47	7	27	-2		0	0	0	25.14			17	N	602	96	4	6
7	49	6	28	-2		0	0	0	25.22			12	NE	629	100	0	7
8	55	5	30	0		0	0	0	25.12			17	SW	509	81	4	8
9	50	21	36	6		0	0	0	25.03			23	NE	437	69	8	9
10	50	15	33	3		0	0	0	25.17			18	N	574	80	3	10
11	56	10	33	2		0	0	0	25.26			20	N	633	99	1	11
12	57	10	34	3		0	0	0	25.33			17	N	638	100	2	12
13	58	10	34	3		0	0	0	25.20			17	NE	643	100	2	13
14	54	18	36	5		0	0	0	25.19			18	NE	645	100	1	14
15	61	14	38	6		0	0	0	25.23			16	N	647	100	0	15
16	68	17	43	11		0	0	0	25.19			13	S	614	95	0	16
17	65	24	45	13		0	0	0	25.16			18	NE	457	70	10	17
18	63	15	39	7		0	0	0	25.23			15	NE	651	100	9	18
19	62	15	39	6		0	0	0	25.26			10	SW	582	89	6	19
20	69*	13	41	8		0	0	0	25.11			18	SW	627	95	1	20
21	64	32	48*	15		0	0	.03	24.80			41	SW	296	45	10	21
22	43	18	31	-2		0	0	0	24.80			31	N	256	39	7	22
23	50	8	29	-4		0	0	0	24.86			32	SW	522	78	6	23
24	42	24	33	-1		0	0	0	24.88			21	NW	514	77	10	24
25	38	14	26	-6		0	0	0	25.01	1.0		26	N	372	55	7	25
26	46	4*	25	-8		0	0	0	25.12			18	NE	628	93	8	26
27	44	11	28	-6		0	0	0	25.23			12	NE	676	100	0	27
28	55	12	34	0		0	0	0	25.02			24	S	584	86	10	28

RECORD OF OCCURRENCES - INCOMPLETE

SUM	SUM				TOTAL	TOTAL			TOTAL	TOTAL				TOTAL	%	SUM	SUM
1459	371				899	0			10	1.0	25.11			41	SW	15590	FOR 129
AVG.	AVG.	AVG.	AVG.	AVG.	DEP.	DEP.			PRECIPITATION	DEP.				DATE: 21	POSSIBLE	MONTH	AVG.
52.1	13.3	32.7	1.3		-42	0			-0.60						18095	86	4.6
NUMBER OF DAYS		TOTAL		TOTAL		TOTAL		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.		ICE PELLETS OR ICE AND DATE					
5	90	2	32	2	32	2	0	0	PRECIPITATION	0.07	25	1.0	25	1	25		
0	0	0	28	0	51	0	0	0	CLEAR	12	PARTLY CLOUDY	9	CLOUDY	7			

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
 † TRACE AMOUNT  
 \* ALSO ON AN EARLIER DATE, OR DATES.  
 HEAVY FOG - VISIBILITY 1/4 MILE OR LESS.  
 FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.  
 DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.  
 FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.  
 ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

SUMMARY BY HOURS

HOUR	LOCAL TIME	LOCAL TIME OVER TENNESSEE	STATION PRESSURE IN.	AVERAGES				RESULTANT WIND	
				TEMPERATURE	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.	
02	25.12	21							
05	25.12	18							
11	25.15	40	31	13	35	9	6	34	1.6
14	25.08	50	35	9	22	14	3	36	4.7
17	25.07	48							
20	25.09	33							
23	25.10	26							

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

HOUR	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
1																								
2																								
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								
17																								
18																								
19																								
20																								
21																								
22																								
23																								
24																								
25		.02	.02	T	.03	T	T	T																
26																								
27																								
28																								

SUBSCRIPTION PRICE: \$2.65 PER YEAR. FOREIGN MAILING \$1.85 EXTRA. SINGLE COPY: 20 CENTS FOR MONTHLY ISSUE. 20 CENTS FOR ANNUAL SUMMARY. OTHER DATA IN RECORDS ON FILE CAN BE FURNISHED AT COST VIA MICROFILM, MICROFICHE, OR PAPER COPIES OF ORIGINAL RECORDS. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS, ORDERS, AND INQUIRIES TO NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

14	7	95	30	38	32	22	53	01	16	2	UNL	30	38	31	19	46	36	14	0	UNL	30	42	33	18	38	01	14	
17	6			36						0			35							0			40					
20				35									23										37	29	17	44	01	8
23				28									16										14					
02	10			10									20										12					
05				09									18										09	08	06	87	00	0
08	0			08						10			14								0	UNL	40					
11	0			35									36								1	UNL	30					
14	1			43									45									9	250	40				
17	4			41									44									4						
20				22									26										42					
23				23									18										17					
02				10									20										23					
05				08									18										23					
08	0	UNL	40	08	08	04	84	18	5	0	UNL	40	08	00	67	22	8					28	23	09	45	04	6	
11	0	UNL	25	35	28	15	44	36	7	0	UNL	40	36	28	14	40	18	10	10	140	40	40	30	12	32	02	12	
14	0			44	33	14	30	06	10	0	UNL	40	47	54	35	-04	08	21	14	10	UNL	40						
17	0			26						10			17										48	35	12	22	36	16
20				26									31										32					
23				21									27										22					
02				18									21										20					
05				19									15										14					
08	0	UNL	30	16	16	13	88	35	5	4	UNL	40	12	11	05	73	22	6				12	10	02	64	22	5	
11	0	UNL	30	41	33	20	43	01	15	1	UNL	40	42	32	15	33	20	7				43	32	13	29	20	4	
14	1	UNL	30	48	36	18	30	03	15	1	UNL	40	54	38	13	19	36	10				53	36	02	12	01	4	
17	10			46						0			50															
20				32									38															
23				25									26															
02				18									22										21					
05				16									18										20					
08	8	UNL	40	13	11	02	61	23	5	0	UNL	40	22	21	16	78	35	7				18	16	08	65	18	5	
11	1	UNL	40	45	32	06	20	01	5	0	UNL	40	22	45	35	21	38	35	11			44	34	19	37	20	5	
14	0			58	39	09	14	01	11	1	UNL	40	52	38	18	26	01	10				0	UNL	40				
17	0			56									51										57					
20				36									34										42					
23				30									27										31					
02				28									28										19					
05				19									31										17					
08	8	UNL	40	21	18	08	57	33	4	10	250	40	30	24	09	41	21	7				19						
11	3	UNL	40	46	33	10	23	00	0	10	250	40	54	37	10	17	00	0				17						
14	1	UNL	40	63	42	12	13	19	11	10	250	40	64	41	02	08	02	13				9	UNL	55				
17	10			64									59										48	35	09	20	00	0
20				43									41										60					
23				28									29										38					
02				22									20										43					
05				16									14										34					
08	2	UNL	55	18	13	03	56	18	4	0	UNL	55	16	12	-06	37	20	4				10	120	55				
11	2	UNL	55	47	33	06	18	00	0	0	UNL	55	48	32	-06	10	18	12				10	180	55				
14	8	UNL	55	61	40	01	09	34	7	0	UNL	55	66	41	-14	03	19	10				10	200	30				
17	10			58						2			57															
20				36									47															
23				31									44										42					
02				34									16										27					
05				28									11										28					
08	7	40	40	28	26	23	82	00	0	9	UNL	55	16	14	06	64	15	7				10	100	40				
11	4	UNL	50	38	30	18	44	34	15	10	100	55	38	30	14	37	22	15				10	UNL	55				
14	8	45	40	40	31	16	38	03	15	5	UNL	55	46	31	-01	14	22	22				10	UNL	55				
17	8			39						2			45															
20				29									38															
23				21									35															
02				23									12										25					
05				22									08										22					
08	10	40	20	23	21	17	71	02	12	1	UNL	55	10	09	04	76	22	7				0	UNL	55				
11	10	40	25	28	24	16	61	36	14	9	UNL	55	33	26	13	43	19	12				0	UNL	55				
14	7	45	30	34	29	20	57	01	18	6	UNL	55	44	32	10	25	21	8				1	UNL	55				
17	1			34						10			44															
20				24									29															
23				16									20															
02				18									14															
05				17									17															
08	7	UNL	55	42	32	16	35	20	13				42															
11	10	UNL	55	54	37	07	15	22	12				51															
14	10	200	55	54									51															
17	10			51									41															
20				41									33															
23				33									33															

UNL INDICATES UNLIMITED

WEATHER

\* TORNADO  
 T THUNDERSTORM  
 O SQUALL  
 R RAIN  
 RW RAIN SHOWERS  
 ZR FREEZING RAIN  
 L DRIZZLE  
 ZL FREEZING DRIZZLE  
 S SNOW  
 SP SNOW PELLETS  
 IC ICE CRYSTALS  
 SW SNOW SHOWERS  
 SG SNOW GRAINS  
 IP ICE PELLETS  
 H HAIL  
 F FOG  
 IF ICE FOG  
 GF GROUND FOG  
 BD BLOWING DUST  
 BN BLOWING SAND  
 BS BLOWING SNOW  
 BY BLOWING SPRAY  
 K SMOKE  
 H HAZE  
 D DUST

WIND

DIRECTIONS ARE THOSE FROM WHICH THE WIND BLOWS. INDICATED IN TENS OF DEGREES FROM TRUE NORTH; I.E., 09 FOR EAST, 18 FOR SOUTH, 27 FOR WEST. ENTRY OF 00 IN THE DIRECTION COLUMN INDICATES CALM.

SPEED IS EXPRESSED IN KNOTS; MULTIPLY BY 1.15 TO CONVERT TO MILES PER HOUR.

STATION  
 MILFORD UTAH

YEAR & MONTH  
 77 02

U.S. DEPARTMENT OF COMMERCE  
 NATIONAL CLIMATIC CENTER  
 FEDERAL BUILDING  
 ASHEVILLE, N.C. 28801

AN EQUAL OPPORTUNITY EMPLOYER

POSTAGE AND FEES PAID  
 U.S. DEPARTMENT OF COMMERCE

COM-210



FIRST CLASS

MARCH 1977 MILFORD, UTAH

DATE	TEMPERATURE °F			DEGREE DAYS BASE 65°		HEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 GUSTSTORM 8 SMOG, HAZE 9 BLOWING SNOW	SNOW, ICE PELLETS OR ICE ON GROUND AT 11AM IN.	PRECIPITATION		STATION PRESSURE IN. 5033 FEET M.S.L.	WIND			SUNSHINE		SKY COVER TENS		DATE	
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT			HEATING (SEASON BEGINS WITH JUNCT)	COOLING (SEASON BEGINS WITH JUNCT)		WATER EQUIVALENT IN.	SNOW, ICE PELLETS IN.	RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE	MINUTES		PERCENT OF POSSIBLE
1	35	20	28	-7		37	0	0	.04	.6	24.69		26	N	334	49	8	22	
2	37	21	29	-6		36	0	1	.02	.4	24.77		20	NE	237	35	10	23	
3	38	14	26	-9		39	0	T	.01	.1	24.86		16	NE	352	51	9	24	
4	37	17	27	-8		38	0	T	0	T	25.03		30	N	207	30	9	25	
5	42	6*	24	-11		41	0	0	0	0	25.18		18	NE	683	99	0	26	
6	60	9	35	-1		30	0	0	0	0	25.18		25	S	693	100	0	27	
7	68	24	46	10		19	0	0	0	0	25.13		33	SW	575	83	9	28	
8	64	20	42	6		23	0	0	0	0	25.01		21	N	595	85	6	29	
9	63	24	44	8		21	0	0	.08	1.2	24.76		40	SW	403	58	6	30	
10	34	14	24*	-12		41	0	1	T	T	24.93		39	N	245	35	10	31	
11	42	16	29*	-8		36	0	T	0	0	25.17		0	0	705	100	0	1	
12	56	10	33	-4		32	0	0	0	0	24.89		0	0	547	77	10	2	
13	50	24	37	0		28	0	0	0	0	24.69		0	0	683	96	10	3	
14	43	19	31	-6		34	0	0	0	T	24.86		0	0	385	54	9	4	
15	53	12	33	-5		32	0	0	0	0	24.96		0	0	608	85	9	5	
16	56	12	34	-5		31	0	0	0	0	24.75		0	0	643	90	8	6	
17	49	26	38	0		27	0	0	0	T	24.76		0	0	270	38	9	7	
18	43	13	28	-10		37	0	0	0	0	24.93		0	0	0	0	9	8	
19	57	9	33	-6		32	0	0	0	0	24.88		0	0	0	0	9	9	
20	45	20	33	-6		32	0	0	.01	.2	24.94		0	0	730	100	0	10	
21	54	13	34	-5		31	0	0	0	0	25.12		18	NE	736	100	0	11	
22	65	14	40	0		25	0	0	0	0	24.99		14	N	736	100	0	12	
23	68*	23	46*	6		19	0	0	0	0	24.75		41	SW	736	100	1	13	
24	51	32	42	2		23	0	0	.05	.6	24.66		28	SW	89	12	10	14	
25	42	29	36	-4		29	0	4	.56	6.7	24.69		17	N	332	45	9	15	
26	48	25	37	-4		28	0	2	0	0	24.86		23	NE	742	100	0	16	
27	64	22	43	2		22	0	0	0	0	24.72		42	NE	689	92	3	17	
28	38	15	27	-14		38	0	0	0	0	24.78		32	N	454	61	6	18	
29	39	12	26	-16		39	0	0	0	0	24.79		14	SE	349	47	9	19	
30	46	11	29	-13		36	0	0	0	0	24.89		26	S	390	52	9	20	
31	50	18	34	-8		31	0	0	0	0	24.85		16	W	604	80	3	21	
SUM	SUM	SUM	SUM	SUM	TOTAL	TOTAL			TOTAL	TOTAL	FOR THE MONTH:				TOTAL	%	SUM	SUM	
1537	544				967	0			.77	9.8	24.89				42	NE	FOR	165	
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.			PRECIPITATION	DEP.					DATE: 27	POSSIBLE	MONTH	AVG.	
48.6	17.5	33.6	-4.5		139	0			>.01 INCH	-0.27							5.3		
NUMBER OF DAYS		SEASON TO DATE		TOTAL		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.									
MAXIMUM TEMP.		MINIMUM TEMP.		5706		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS		ICE PELLETS OR ICE AND DATE							
≥ 90°		≤ 32°		≥ 0°		DEP.		HEAVY FOG		.61 24-25		7.3 24-25		7		25			
0		0		31		0		164		0		CLEAR 11		PARTLY CLOUDY 8		CLOUDY 12			

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
 † TRACE AMOUNT  
 \* ALSO ON AN EARLIER DATE, OR DATES.  
 HEAVY FOG: - VISIBILITY 1/4 MILE OR LESS.  
 FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.  
 DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS. FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.  
 ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY.

FASTEST MILE WIND NOT RECORDED MARCH 11-20TH.

SUMMARY BY HOURS

HOUR	LOWEST SKY COVER TENS	AVERAGE'S					RESULTANT WIND		
		STATION PRESSURE IN.	AIR °F	WET BULB °F	DEW PT. °F	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.
02		24.89	25						
05		24.88	21						
08	69 W	24.91	26	23	14	65	9.6	23	1.9
11		24.89	40	31	13	8	25	3	3.6
14		24.87	47	34	8	28	16	24	2.6
17		24.85	46						
20		24.86	34						
23		24.89	28						

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

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

SUBSCRIPTION PRICE: \$2.55 PER YEAR. FOREIGN MAILING \$1.85 EXTRA. SINGLE COPY: 20 CENTS FOR MONTHLY ISSUE. 20 CENTS FOR ANNUAL SUMMARY. OTHER DATA IN RECORDS ON FILE CAN BE FURNISHED AT COST VIA MICROFILM, MICROFICHE, OR PAPER COPIES OF ORIGINAL RECORDS. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS, ORDERS, AND INQUIRIES TO NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.





APRIL 1977  
MILFORD, UTAH

DATE	TEMPERATURE ° F					DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE	SNOW- ICE PELLETS OR ICE ON GROUND AT 11AM IN.	PRECIPITATION		AVG. STATION PRES- SURE IN. ELEV. 5033 FEET M.S.L.	WIND			SUNSHINE MINUTES	SKY COVER TENTHS		DATE			
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING (SEASON BEGINS WITH JULY)	COOLING (SEASON BEGINS WITH JAN.)			WATER	SNOW		RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.		FASTEST MILE	PERCENT OF POSSIBLE		SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT	
1	42	16	29	-14	36	0			0	.21	2.5	24.67			47	NW	40	5	10	1		
2	37	19	28*	-15	37	0			1	.18	2.1	24.77			18	N	357	47	9	2		
3	45	20	33	-10	32	0			1	0	0	25.00			29	NE	593	78	6	3		
4	54	20	37	-7	28	0			0	0	0	25.14			17	N	455	59	5	4		
5	63	25	44	0	21	0			0	0	0	25.16			18	NE	768	100	0	5		
6	71	25	48	4	17	0			0	0	0	25.18			16	N	770	100	0	6		
7	76	28	52	8	13	0			0	0	0	25.14			19	SW	762	99	0	7		
8	78	34	56	11	9	0			0	0	0	25.04			34	SW	772	100	1	8		
9	74	39	57	12	8	0			0	0	0	24.86			40	SW	772	99	5	9		
10	64	35	50	5	15	0			0	0	0	24.91			24	NE	713	91	0	10		
11	64	34	49	3	16	0			0	0	0	24.98			18	NE	553	71	7	11		
12	63	26	45	-1	20	0			0	0	0	25.06			21	N	784	100	0	12		
13	59	24	47	1	18	0			0	0	0	24.86			23	SW	439	56	7	13		
14	61	35	48	1	17	0			0	0	0	24.82			26	NE	713	90	3	14		
15	59	20	40	-7	25	0			0	0	0	24.97			26	NE	775	98	1	15		
16	75	27	51	4	14	0			0	0	0	24.97			11	SW	734	100	0	16		
17	79	40	60	12	5	0			0	0	0	24.81			25	SW	640	100	0	17		
18	57	38	48	0	17	0			0	0	0	24.93			30	NE	530	66	5	18		
19	57	29	43	-5	22	0			0	0	0	24.93			20	NW	772	96	0	19		
20	61	16*	39	-10	26	0			0	0	0	24.99			17	N	803	100	0	20		
21	73	22	48	-1	17	0			0	0	0	25.07			17	SW	780	97	3	21		
22	77	30	54	5	11	0			0	0	0	25.13			17	W	724	90	9	22		
23	80	37	59	9	6	0			0	0	0	25.14			14	S	541	67	10	23		
24	83*	34	59	9	6	0			0	0	0	25.11			17	E	749	92	3	24		
25	80	44	62	12	3	0			0	T	0	25.03			32	SE	622	76	7	25		
26	79	41	60	9	5	0			0	0	0	24.93			25	SW	741	91	10	26		
27	78	47	63	12	2	0			0	0	0	24.90			30	SW	498	61	10	27		
28	76	50	63*	12	2	0			0	0	0	24.96			24	SW	561	68	7	28		
29	79	38	59	8	6	0			0	0	0	24.99			22	W	768	93	4	29		
30	76	38	57	5	8	0			0	0	0	24.92			29	SW	669	81	9	30		
SUM		SUM		TOTAL		TOTAL		TOTAL		TOTAL		FOR THE MONTH			TOTAL		%		SUM		SUM	
2030		931		462		0		NUMBER OF DAYS		.39		4.6		24.98		47		NW		1945B		
AVG.		AVG.		AVG.		DEP.		PRECIPITATION		DEP.						DATE: 01		POSSIBLE MONTH		AVG. AVG.		
57.7		31.0		49.4		2.2		-72		0		-0.51						2377B		82 4.5		
NUMBER OF DAYS		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		
MAXIMUM TEMP.		MINIMUM TEMP.		B16B		D		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.		PRECIPITATION		SNOW, ICE PELLETS OR ICE AND DATE		
≥ 90°		≤ 32°		≤ 32°		≤ 0°		DEP.		DEP.		HEAVY FOG		.34 1-2		4.0 1-2		3		2		
0		0		15		0		112		0		CLEAR 14		PARTLY CLOUDY 9		CLOUDY 7						

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
T TRACE AMOUNT  
+ ALSO ON AN EARLIER DATE, OR DATES.  
HEAVY FOG: - VISIBILITY 1/4 MILE OR LESS.  
FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.  
DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.  
FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.  
ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

SUMMARY BY HOURS

HOUR	LOCAL TIME	LOCAL COVER TENTHS	AVERAGES					RESULTANT WIND	
			STATION PRESSURE IN.	TEMPERATURE	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.	
02			24.98	37					
05			24.99	34					
08			25.02	44					
11			25.01	60					
14			24.97	66					
17			24.94	64					
20			24.95	51					
23			24.98	44					

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

HOUR	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
1																								
2						.02	.05	.04	.01	.02	T	T	T	.08	.09	T	T	.01	.01	T				
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								
17																								
18																								
19																								
20																								
21																								
22																								
23																								
24																								
25																								
26																								
27																								
28																								
29																								
30																								

SUBSCRIPTION PRICE: \$2.55 PER YEAR. FOREIGN MAILING \$1.85-EXTRA. SINGLE COPY: 20 CENTS FOR MONTHLY ISSUE. 20 CENTS FOR ANNUAL SUMMARY. OTHER DATA IN RECORDS ON FILE CAN BE FURNISHED AT COST VIA MICROFILM, MICROFICHE, OR PAPER COPIES OF ORIGINAL RECORDS. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS, ORDERS, AND INQUIRIES TO NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28901.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.



MAY 1977

MILFORD, UTAH

DATE	TEMPERATURE °F				DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE		SNOW-ICE PELLETS OR ICE ON GROUND AT 11AM IN.	PRECIPITATION		AVG. STATION PRESSURE IN. ELEV. FEET M.S.L.	WIND			SUNSHINE		SKY COVER TENS		DATE
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING SEASON BEGINS WITH JULY	COOLING SEASON BEGINS WITH JAN.	1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SNOW, HAZE 9 BLOWING SNOW		WATER EQUIVA- LENT IN	SNOW-ICE PELLETS IN.		RESULTANT DIR.	RESULTANT SPEED R.P.H.	AVERAGE SPEED R.P.H.	FASTEST MILE DIRECTION	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO SUNSET	
1	70	43	57	5	5	8	0		0	T	0	24.83	42	SW	534	64	6	1	1	
2	73	34	54	5	5	11	0		0	0	0	24.87	29	SW	611	74	9	2	2	
3	74	42	58	5	5	7	0		0	0	0	24.77	43	SW	653	78	5	3	3	
4	72	33	53	0	0	12	0		0	0	0	24.78	34	SW	795	95	0	4	4	
5	71	32	52	-1	1	13	0		0	0	0	24.62	42	SW	684	82	5	5	5	
6	66	44	55	1	1	10	0		0	0	.02	24.65	40	SW	471	56	8	6	6	
7	62	36	49	5	5	16	0		0	0	.02	24.85	34	SW	161	19	10	7	7	
8	70	41	56	5	5	9	0		0	0	0	24.88	32	SW	443	53	6	8	8	
9	64	35	50	5	5	15	0		0	.05	T	24.82	45	SW	456	54	6	9	9	
10	57	31	44	11	11	21	0		0	T	0	24.80	29	SW	491	58	6	10	10	
11	67	27*	47	6	6	18	0		0	0	0	24.84	29	SW	804	95	3	11	11	
12	75	30	53	6	6	12	0		0	0	0	24.85	27	SW	557	66	9	12	12	
13	65	35	50	6	6	15	0		0	.86	0	24.86	30	SW	383	45	10	13	13	
14	56	33	45	-11	11	20	0		0	.40	0	24.86	27	S	149	17	10	14	14	
15	66	46	56	0	0	9	0		0	.01	0	24.82	34	SW	689	61	6	15	15	
16	57	35	46	-11	11	19	0		0	.03	T	24.74	28	SW	162	19	10	16	16	
17	48	32	40	-17	17	25	0		0	.08	.9	24.86	20	N	189	22	9	17	17	
18	50	29	40*	-17	17	25	0		0	.17	.6	24.84	18	SW	438	51	8	18	18	
19	62	29	46	-11	11	19	0		0	0	0	25.02	20	N	815	95	3	19	19	
20	63	33	48	-10	10	17	0		0	0	0	25.02	18	N	802	93	4	20	20	
21	73	32	53	-5	5	12	0		0	0	0	24.87	17	N	785	91	2	21	21	
22	78	42	60	2	2	5	0		0	0	0	24.80	30	SW	492	57	10	22	22	
23	69	48	59	0	0	6	0		0	0	0	24.72	40	SW	117	13	10	23	23	
24	54	43	49	-10	10	16	0		0	.15	0	24.77	26	SW	49	6	10	24	24	
25	60	42	51	-8	8	14	0		0	.05	0	24.87	33	SW	424	49	9	25	25	
26	65	39	52	-7	7	13	0		0	.04	0	24.86	31	SW	482	55	5	26	26	
27	72	42	57	-3	3	8	0		0	0	0	24.85	26	SW	422	48	6	27	27	
28	73	45	59	-1	1	6	0		0	0	0	24.83	16	N	685	78	4	28	28	
29	80	37	59	-1	1	6	0		0	0	0	24.85	28	SW	770	88	1	29	29	
30	83	39	61	1	1	4	0		0	0	0	25.06	14	N	878	100	0	30	30	
31	91*	43	67*	6	6	0	2		0	0	0	25.10	14	SW	879	100	0	31	31	
SUM	SUM	SUM	SUM	SUM	SUM	TOTAL	TOTAL			TOTAL	TOTAL	24.86	49	SW	16270	7	192	SUM	SUM	
2086	1152					391	2	NUMBER OF DAYS	1.89	1.5	24.86		49	SW	16270	7	192			
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	117	-8	PRECIPITATION	1.28				DATE	06	POSSIBLE MONTH	26530	61	6.2	AVG.	AVG.
67.3	37.2	52.3	-4.2					SEASON TO DATE												
NUMBER OF DAYS		TOTAL		TOTAL		SNOW, ICE PELLETS > 1.0 INCH		D		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE								
MAXIMUM TEMP.		MINIMUM TEMP.		6559		2		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS								
> 90°		< 32°		< 32°		< 0°		HEAVY FOG		1.13		13-14		-9		17+				
1		0		8		0		229		-8		CLEAR 7		PARTLY CLOUDY 10		CLOUDY 14				

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
 † TRACE AMOUNT  
 \* ALSO ON AN EARLIER DATE, OR DATES.  
 HEAVY FOG: - VISIBILITY 1/4 MILE OR LESS.  
 FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.  
 DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS. FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.  
 ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

SUMMARY BY HOURS

HOUR	LOWEST SKY COVER TENS	STATION PRESSURE IN.	TEMPERATURE				RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.
			AIR °F	WET BULB °F	DEW PT. °F	WIND CHILL °F				
02		24.86	42							
05		24.86	41							
08		24.86	50	42	32	54	10.9	20	6.5	
11		24.88	60	45	28	33	18.0	21	12.5	
14		24.85	63							
17		24.83	62							
20		24.84	54							
23		24.86	48							

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																							.01	.01	7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31

SUBSCRIPTION PRICE: \$2.55 PER YEAR. FOREIGN MAILING \$1.85 EXTRA. SINGLE COPY: 20 CENTS FOR MONTHLY ISSUE, 20 CENTS FOR ANNUAL SUMMARY. OTHER DATA IN RECORDS ON FILE CAN BE FURNISHED AT COST VIA MICROFILM, MICROFICHE, OR PAPER COPIES OF ORIGINAL RECORDS. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS, ORDERS, AND INQUIRIES TO NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*D. D. D. 2-17-77*



DATE	TEMPERATURE °F				DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG 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 11AM IN.	PRECIPITATION		AVG. STATION PRESSURE IN. 5033 FEET M.S.L.	WIND			SUNSHINE		SKY COVER TENTHS		DATE				
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE	DEW POINT			HEATING SEASON BEGINS WITH SUIT.	COOLING SEASON BEGINS WITH SUIT.		WATER EQUIVALENT IN	SNOW-ICE PELLETS IN.	RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE M.P.H.	DIRECTION		MINUTES	PERCENT OF POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
1	92	47	70	9	0		0		0	0	0	25.00			35	SW	879	100	1			1	
2	91	48	70	9	0		0		0	0	0	24.93			20	SW	881	100	0			2	
3	90	49	70	9	0		0		0	0	0	24.97			39	SW	882	100	0			3	
4	93	47	70	8	0		0		0	0	0	25.03			17	N	772	87	2			4	
5	88	61	75	13	0		10		0	T	0	25.07			22	E	329	37	10			5	
6	91	52	72	10	0		7		0	T	0	25.07			23	SE	476	54	7			6	
7	89	54	72	10	0		7		0	T	0	25.00			31	E	483	55	5			7	
8	84	55	70	7	0		5		0	T	0	24.88			32	SW	168	19	9			8	
9	76	50	63	0	0		0		0	0	0	24.88	.03		39	SW	406	46	7			9	
10	80	45	63	0	0		0		0	0	0	24.95	0		28	SW	747	84	6			10	
11	81	39*	60*	0	0		0		0	0	0	24.99	0		19	SW	888	100	0			11	
12	84	44	64	0	0		1		0	0	0	24.95	0		24	SW	825	93	4			12	
13	86	43	65	0	0		0		0	0	0	24.94	0		24	SW	886	100	3			13	
14	87	47	67	0	0		2		0	0	0	24.97	0		34	SW	890	100	0			14	
15	87	41	64	-1	0		1		0	0	0	25.00	0		26	SW	880	100	0			15	
16	80	42	66	0	0		0		0	0	0	24.97	0		22	SW	880	100	0			16	
17	88	42	65	0	0		0		0	0	0	24.97	0		34	SW	878	99	3			17	
18	88	42	65	0	0		0		0	0	0	24.93	0		22	SW	850	95	0			18	
19	85	43	64	0	0		0		0	0	0	24.86	0		33	SW	891	100	0			19	
20	83	44	64	-3	0		1		0	0	0	24.89	0		23	N	742	83	6			20	
21	84	52	68	1	0		0		0	0	0	24.98	.05		31	W	656	74	5			21	
22	87	45	66	-1	0		1		0	0	0	25.02	0		19	N	891	100	0			22	
23	93	50	72	4	0		7		0	0	0	25.01	0		20	W	726	81	4			23	
24	96*	52	74	6	0		9		0	T	0	25.03	0		29	S	667	75	6			24	
25	94	58	76	8	0		11		0	0	0	25.04	0		35	SW	462	52	8			25	
26	94	53	74	5	0		9		0	0	0	25.04	.12		29	W	564	63	4			26	
27	95	57	76*	7	0		11		0	0	0	25.04	0		25	S	593	67	5			27	
28	94	55	75	5	0		10		0	0	0	25.07	0		18	N	671	75	5			28	
29	93	57	75	5	0		10		0	0	0	24.99	0		13	NE	580	65	8			29	
30	94	51	73	3	0		8		0	0	0	24.97	0		15	N	694	78	5			30	
SUM	SUM					TOTAL	TOTAL		TOTAL	TOTAL				FOR THE MONTH:			TOTAL	Z	SUM	SUM			
2657	1465					13	131	NUMBER OF DAYS	20	0	24.98			39	SW	21157	7	115					
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	DEP.	PRECIPITATION						DATE	DIR	ASSUMED MONTH	AVG.	AVG.					
88.6	48.8	68.7	3.5			-69	43	> .01 INCH	3	-0.36						26644	79	3.8					
NUMBER OF DAYS		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL	
MAXIMUM TEMP.		MINIMUM TEMP.		THUNDERSTORMS		PRECIPITATION		SNOW-ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW-ICE PELLETS OR ICE AND DATE											
> 90°		< 32°		DEP.		DEP.		> 1.0 INCH		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW-ICE PELLETS OR ICE AND DATE											
14		0		0		0		160		35		CLEAR 13 PARTLY CLOUDY 13 CLOUDY 4											

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
T TRACE AMOUNT  
\* ALSO ON AN EARLIER DATE, OR DATES.  
HEAVY FOG - VISIBILITY 1/4 MILE OR LESS.  
FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH, 00 = CALM.  
DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.  
FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES, THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.  
ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

#### SUMMARY BY HOURS

HOUR LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE				RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	RESULTANT WIND SPEED M.P.H.
			AIR °F	WET BULB °F	DEW PT. °F	RELATIVE HUMIDITY %				
02		24.98	55							
05	3	25.00	52	43	34	54	7.6	20	5.1	
08	3	25.02	67	51	37	37	9.7	20	6.5	
11	3	25.01	82	55	30	17	14.1	20	8.3	
14	4	24.97	86							
17	6	24.94	83							
20		24.95	72							
23		24.98	62							

#### HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30

SUBSCRIPTION PRICE: \$2.55 PER YEAR. FOREIGN MAILING \$1.85 EXTRA. SINGLE COPY: 20 CENTS FOR MONTHLY ISSUE, 20 CENTS FOR ANNUAL SUMMARY. OTHER DATA IN RECORDS ON FILE CAN BE FURNISHED AT COST VIA MICROFILM, MICROFICHE, OR PAPER COPIES OF ORIGINAL RECORDS. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS, ORDERS, AND INQUIRIES TO THE NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*R. J. O'R. with D. AD*

JUNE 1977

MILFORD, UTAH

11	0	UNL	55	85	54	28	11	20	12	0	UNL	55	89	55	21	08	21	20	0	UNL	55	89	55	21	08	21	20
14	0	UNL	55	81	57	28	11	20	24	1	UNL	55	87	55	21	08	21	20	0	UNL	55	87	55	21	08	21	20
17	1			88									67														
20				72									70														
23				58									60														
DAY 04																											
02	0	UNL	55	52									70														
05	0	UNL	55	48	40	31	52	22	7	10	80	40	67	53	43	42	08	4	5	UNL	40	56	50	46	72	23	7
08	0	UNL	55	66	49	34	32	19	9	10	100	55	70	55	45	41	17	4	2	UNL	55	67	56	48	51	16	6
11	0	UNL	55	87	55	23	10	36	5	10	UNL	55	86	58	38	18	36	7	7	250	55	86	59	41	20	15	4
14	0	UNL	55	91	57	25	09	30	6	10	70	55	79	58	44	29	01	10	10	70	50	77	58	45	32	24	5
17	6			92									86														
20				80									74														
23				73									65														
DAY 05																											
DAY 06																											
DAY 07																											
DAY 08																											
DAY 09																											
DAY 10																											
DAY 11																											
DAY 12																											
DAY 13																											
DAY 14																											
DAY 15																											
DAY 16																											
DAY 17																											
DAY 18																											
DAY 19																											
DAY 20																											
DAY 21																											
DAY 22																											
DAY 23																											
DAY 24																											
DAY 25																											
DAY 26																											
DAY 27																											
DAY 28																											
DAY 29																											
DAY 30																											

UNL INDICATES UNLIMITED

WEATHER

- T TORNADO
- I THUNDERSTORM
- Q SQUALL
- R RAIN
- RW RAIN SHOWERS
- ZR FREEZING RAIN
- L DRIZZLE
- ZL FREEZING DRIZZLE
- S SNOW
- SP SNOW PELLETS
- IC ICE CRYSTALS
- SH SNOW SHOWERS
- SC SNOW GRAINS
- IP ICE PELLETS
- A HAIL
- F FOG
- IF ICE FOG
- GF GROUND FOG
- BD BLOWING DUST
- BN BLOWING SAND
- BS BLOWING SNOW
- BY BLOWING SPRAY
- K SMOKE
- H HAZE
- D DUST

WIND

DIRECTIONS ARE THOSE FROM WHICH THE WIND BLOWS. INDICATED IN TERMS OF DEGREES FROM TRUE NORTH: 09 FOR EAST, 18 FOR SOUTH, 27 FOR WEST. ENTRY OF 00 IN THE DIRECTION COLUMN INDICATES CALM.

SPEED IS EXPRESSED IN KNOTS; MULTIPLY BY 1.15 TO CONVERT TO MILES PER HOUR.

STATION  
MILFORD UTAH

YEAR & MONTH  
77 06

U.S. DEPARTMENT OF COMMERCE  
NATIONAL CLIMATIC CENTER  
FEDERAL BUILDING  
ASHEVILLE, N.C. 28801

AN EQUAL OPPORTUNITY EMPLOYER

POSTAGE AND FEES PAID  
U.S. DEPARTMENT OF COMMERCE

COM-210



FIRST CLASS







DATE	TEMPERATURE °F					DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 DRIZZLE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW-ICE PELLETS OR ICE ON GROUND AT 11 AM IN.	PRECIPITATION		AVG. STATION PRESSURE IN. 50.33 FEET M.S.L.	WIND			SUNSHINE		SKY COVER TENTHS		DATE
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING SEASON BEGINS WITH JULY	COOLING SEASON BEGINS WITH JANU.			WATER EQUIVA- LENT IN	SNOW-ICE PELLETS IN.		RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE DIRECTION	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO SUNSET	
1	95	49	72	-3		0	7			0	0	25.14	18	N	822	97	7	22		
2	100%	51	76	1		0	11			0	0	25.07	18	W	774	91	10	2		
3	96	59	78	3		0	13			0	T	25.02	25	S	573	68	7	3		
4	90	61	76	1		0	11			.18	0	25.02	32	NW	202	24	10	4		
5	93	55	74	-1		0	9			0	0	24.98	26	SW	627	75	5	5		
6	95	51	73	-2		0	8			0	0	24.95	32	SW	773	92	5	6		
7	93	58	76	1		0	11			0	0	24.96	34	SW	837	100	1	7		
8	93	50	72	-2		0	7			0	0	24.98	30	SW	835	100	0	8		
9	94	53	74	0		0	9			0	0	25.01	17	SW	786	94	4	9		
10	93	64	79*	5		0	14			0	0	24.99	17	SE	470	57	7	10		
11	96	59	78	3		0	13			0	0	25.02	20	SW	712	86	2	11		
12	94	58	76	2		0	11			.04	0	25.06	31	SE	501	61	6	12		
13	91	53	72	-2		0	10			0	0	24.96	17	SW	723	88	1	13		
14	93	57	75	2		0	10			0	T	24.98	28	SW	332	40	7	14		
15	85	55	75	2		0	10			0	T	24.98	23	SW	273	33	8	15		
16	87	60	74	1		0	9			.01	0	25.07	28	SE	189	24	10	16		
17	79	62	71	-2		0	8			.18	0	25.13	24	SW	190	23	9	17		
18	87	58	73	0		0	8			0	0	25.09	26	S	766	94	2	18		
19	90	55	73	1		0	8			0	0	25.07	13	N	698	86	3	19		
20	94	57	76	4		0	11			0	0	25.06	23	N	619	77	3	20		
21	91	55	73	1		0	8			.21	0	25.02	27	NW	608	75	4	21		
22	90	55	73	2		0	8			.73	0	25.00	32	S	423	53	5	22		
23	90	61	76	5		0	11			0	T	25.00	26	S	460	57	7	23		
24	84	59	72	1		0	7			.04	0	24.97	29	SW	619	77	5	24		
25	87	58	73	2		0	8			0	0	24.90	30	SW	798	100	3	25		
26	74	49	62*	-8		3	3			.18	0	24.83	26	N	297	37	8	26		
27	72	42	57*	-13		8	8			0	0	24.98	12	N	793	100	1	27		
28	78	42*	60	-10		5	0			0	0	25.09	16	E	790	100	1	28		
29	87	44	66	-3		0	1			0	0	25.05	14	S	757	96	0	29		
30	91	55	73	4		0	8			0	0	24.92	31	SW	639	81	2	30		
31	87	53	70	1		0	5			0	0	24.96	28	SW	775	99	1	31		
SUM	SUM					TOTAL	TOTAL			TOTAL	TOTAL	FOR THE MONTH			TOTAL		SUM	SUM		
2769	1708					16	249			1.57	0	25.01			18671		144			
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.										DATE: 07	POSSIBLE MONTH	AVG.	AVG.		
89.3	55.1	72.2	-0.4			9	7			0.89						25337	74	4.6		
NUMBER OF DAYS		TOTAL		TOTAL		SNOW-ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW-ICE PELLETS OR ICE AND DATE		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW-ICE PELLETS OR ICE AND DATE		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW-ICE PELLETS OR ICE AND DATE		
MAXIMUM TEMP.		MINIMUM TEMP.		TOTAL		THUNDERSTORMS		PRECIPITATION		SNOW-ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW-ICE PELLETS OR ICE AND DATE		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW-ICE PELLETS OR ICE AND DATE		
3 90°		2 32°		16		655		.73		22		0		0		0		0		
20		0		9		27		CLEAR 13		PARTLY CLOUDY 12		CLOUDY 6								

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
 T TRACE AMOUNT  
 + ALSO ON AN EARLIER DATE, OR DATES.  
 HEAVY FOG - VISIBILITY 1/4 MILE OR LESS.  
 FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.  
 DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS. FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES, THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.  
 ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

SUMMARY BY HOURS

HOUR LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE				RELATIVE HUMIDITY %	WIND SPEED M.P.H.	RESULTANT WIND	
			AIR °F	WET BULB °F	DEW PT. °F	DIRECTION			SPEED M.P.H.	
02	3	25.01	61							
05	3	25.03	59	51	44	62	7.5	21	6.1	
08	4	25.05	67	55	46	51	9.9	20	7.3	
11	3	25.05	81	59	43	30	12.2	20	7.3	
14	5	24.99	86	59	38	22	15.1	21	7.8	
17	6	24.96	84							
20		24.97	74							
23		25.00	66							

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																								1	
2																								2	
3																								3	
4																								4	
5																								5	
6																								6	
7																								7	
8																								8	
9																								9	
10																								10	
11																								11	
12																								12	
13																								13	
14																								14	
15																								15	
16																								16	
17																								17	
18																								18	
19																								19	
20																								20	
21																								21	
22																								22	
23																								23	
24																								24	
25																								25	
26																								26	
27																								27	
28																								28	
29																								29	
30																								30	
31																								31	

SUBSCRIPTION PRICE: \$2.55 PER YEAR. FOREIGN MAILING \$1.85 EXTRA. SINGLE COPY: 20 CENTS FOR MONTHLY ISSUE. 20 CENTS FOR ANNUAL SUMMARY. OTHER DATA IN RECORDS ON FILE CAN BE FURNISHED AT COST VIA MICROFILM, MICROFICHE, OR PAPER COPIES OF ORIGINAL RECORDS. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS, ORDERS, AND INQUIRIES TO NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*D. J. ...*

DAY 01	DAY 02	DAY 03	DAY 04	DAY 05	DAY 06	DAY 07	DAY 08	DAY 09	DAY 10	DAY 11	DAY 12	DAY 13	DAY 14	DAY 15	DAY 16	DAY 17	DAY 18	DAY 19	DAY 20	DAY 21	DAY 22	DAY 23	DAY 24	DAY 25	DAY 26	DAY 27	DAY 28	DAY 29	DAY 30	DAY 31																																																	
02 5 UNL 25 54 40 22 29 20 4 4 UNL 25 54 43 30 40 19 5 9 UNL 25 62 48 36 38 22 13	05 6 UNL 55 67 48 28 23 20 4 10 UNL 55 63 47 31 30 17 8 8 UNL 55 76 55 39 26 20 11	08 6 UNL 55 67 54 20 08 03 12 10 UNL 55 87 56 27 11 18 8 1 UNL 55 90 59 37 15 00 0	11 10 UNL 55 92 54 12 05 04 14 10 UNL 55 100 58 19 05 09 13 9 UNL 55 89 60 39 17 19 12	14 10 UNL 55 92 80 10 20 23 68	17 10 UNL 55 92 80 10 20 23 68	20 10 UNL 55 92 80 10 20 23 68	23 10 UNL 55 92 80 10 20 23 68	02 0 UNL 20 65 48 34 35 21 9 0 UNL 20 56 53 43 31 43 21 5 0 UNL 20 60 45 32 39 21 4	05 0 UNL 55 77 57 44 31 21 19 0 UNL 40 67 49 31 26 18 4 4 UNL 55 57 45 32 36 29 00 0	08 0 UNL 55 87 59 41 20 19 20 0 UNL 55 86 56 33 15 19 11 7 UNL 55 84 55 30 14 19 13 8	11 0 UNL 55 92 59 35 13 21 24 0 UNL 55 92 56 24 08 22 22 0 UNL 55 92 55 16 06 20 8	14 0 UNL 55 91 80 63	17 0 UNL 55 91 80 63	20 0 UNL 55 91 80 63	23 0 UNL 55 91 80 63	02 4 UNL 20 64 54 46 50 22 11 0 UNL 20 68 52 43 48 35 4 4 2 UNL 20 68 53 43 42 21 13	05 9 UNL 55 75 58 47 37 21 10 0 UNL 55 70 55 44 39 17 6 4 UNL 55 73 56 45 37 20 14	08 11 UNL 55 86 61 45 24 18 9 0 UNL 55 86 59 40 20 00 0 1 UNL 55 87 61 45 23 20 15	11 7 UNL 55 93 59 34 12 18 11 1 UNL 55 93 57 25 09 02 14 9 70 55 92 60 36 14 25 12	14 8 UNL 55 91 80 68	17 8 UNL 55 91 80 68	20 8 UNL 55 91 80 68	23 8 UNL 55 91 80 68	02 1 UNL 20 57 56 53 51 83 17 5 2 UNL 20 65 59 51 44 58 18 6 6 UNL 20 66 67 56 48 51 23 10	05 1 UNL 55 66 59 55 68 21 11 9 60 55 68 55 47 47 20 6 10 120 40 40 40	08 1 UNL 55 82 60 46 28 19 13 6 130 55 83 60 45 26 23 7 10 85 50 75 60 51 43 19 17	11 1 UNL 55 89 60 40 18 19 12 3 UNL 55 89 60 38 15 19 8 8 9 120 55 82 60 47 29 21 14	14 1 UNL 55 91 80 70	17 1 UNL 55 91 80 70	20 1 UNL 55 91 80 70	23 1 UNL 55 91 80 70	02 7 UNL 20 66 67 57 50 55 18 4 10 18 10 10 64 65 63 62 90 00 0 0 0 UNL 20 60 59 58 90 22 5	05 10 UNL 55 68 58 52 57 19 8 10 40 15 15 65 63 63 93 02 5 2 UNL 55 66 62 60 81 21 15	08 10 UNL 55 82 63 52 35 22 13 10 10 15 15 65 64 64 97 02 7 2 UNL 55 78 64 57 49 21 10	11 10 UNL 55 84 63 52 33 22 8 10 30 30 8 76 67 63 64 20 12 3 UNL 55 85 63 52 32 22 12	14 10 UNL 55 79 59 69	17 10 UNL 55 79 59 69	20 10 UNL 55 79 59 69	23 10 UNL 55 79 59 69	02 0 UNL 20 58 58 54 51 78 20 7 0 UNL 15 65 61 56 53 75 23 5 0 UNL 15 63 59 55 53 81 24 6	05 0 UNL 55 66 58 53 63 20 4 0 UNL 55 68 59 54 61 16 7 0 UNL 55 67 57 51 57 20 5	08 1 UNL 55 81 63 53 38 19 8 1 UNL 55 85 64 53 33 27 5 1 UNL 55 83 62 49 31 15 5	11 3 UNL 55 87 62 48 26 17 9 2 UNL 55 90 62 44 20 17 12 5 UNL 55 77 64 58 52 07 9	14 6 UNL 55 85 77 77 70	17 6 UNL 55 85 77 70	20 6 UNL 55 85 77 70	23 6 UNL 55 85 77 70	02 1 UNL 15 60 58 53 49 72 17 6 1 UNL 15 63 57 54 73 22 10 10 80 15 62 61 58 57 87 22 11	05 0 UNL 55 68 57 50 53 19 8 8 UNL 55 70 61 56 61 22 11 10 250 55 66 59 55 68 20 12	08 1 UNL 55 85 61 46 25 18 13 1 UNL 55 82 64 55 40 22 13 3 UNL 55 77 64 57 50 20 16	11 9 60 55 TRW 81 61 48 32 30 14 10 250 55 84 62 49 30 26 10 1 UNL 55 84 63 52 33 21 16	14 10 UNL 55 70 70 68 66	17 10 UNL 55 70 70 68 66	20 10 UNL 55 70 70 68 66	23 10 UNL 55 70 70 68 66	02 0 UNL 15 64 61 55 52 72 20 4 0 UNL 15 60 49 41 50 17 5 0 UNL 15 44 44 44 100 14 4	05 0 UNL 30 68 58 51 55 19 15 7 80 55 67 53 43 42 31 10 2 UNL 20 49 48 48 96 03 6	08 1 UNL 30 80 59 45 29 18 16 5 UNL 55 71 57 47 43 02 17 1 UNL 55 62 51 42 48 35 6	11 7 UNL 55 86 57 37 18 22 16 8 70 55 68 55 46 45 01 23 1 UNL 55 69 51 36 30 30 7	14 4 UNL 55 84 76 76 65	17 4 UNL 55 84 76 76 65	20 4 UNL 55 84 76 76 65	23 4 UNL 55 84 76 76 65	02 1 UNL 15 49 43 41 89 20 4 0 UNL 15 46 42 39 77 18 6 3 UNL 15 57 46 36 46 19 10	05 0 UNL 55 50 45 41 71 19 6 0 UNL 55 55 47 39 55 20 7 0 UNL 55 68 52 38 33 21 12	08 0 UNL 55 70 51 34 27 01 9 0 UNL 55 77 54 35 22 00 0 0 UNL 55 84 57 36 18 21 17	11 0 UNL 55 76 52 31 19 03 7 0 UNL 55 86 56 33 15 17 9 0 UNL 55 90 59 35 14 21 23	14 0 UNL 55 77 66 58	17 0 UNL 55 77 66 58	20 0 UNL 55 77 66 58	23 0 UNL 55 77 66 58	02 0 UNL 15 56 54 44 33 45 35 9 0 UNL 15 60 46 30 32 01 12 7 7	05 0 UNL 55 71 50 30 22 36 7 0 UNL 55 85 58 38 19 24 6 86 86 77 77 64	08 0 UNL 55 85 58 38 19 24 6	11 0 UNL 55 86 86 77 77 64	14 2 UNL 55 86 86 77 77 64	17 2 UNL 55 86 86 77 77 64	20 2 UNL 55 86 86 77 77 64	23 2 UNL 55 86 86 77 77 64

NOTES  
 CEILING  
 UNL INDICATES UNLIMITED

WEATHER  
 \* TORNADO  
 T THUNDERSTORM  
 Q SQUALL  
 R RAIN  
 RM RAIN SHOWERS  
 ZR FREEZING RAIN  
 L DRIZZLE  
 ZL FREEZING DRIZZLE  
 S SNOW  
 SP SNOW PELLETS  
 IC ICE CRYSTALS  
 SM SNOW SHOWERS  
 SG SNOW GRAINS  
 IP ICE PELLETS  
 H HAIL  
 F FOG  
 IF ICE FOG  
 OF GROUND FOG  
 BD BLOWING DUST  
 BN BLOWING SAND  
 BS BLOWING SNOW  
 BY BLOWING SPRAY  
 K SMOKE  
 H HAZE  
 D DUST

WIND  
 DIRECTIONS ARE THOSE FROM WHICH THE WIND BLOWS. INDICATED IN TENS OF DEGREES FROM TRUE NORTH; I.E., 09 FOR EAST, 18 FOR SOUTH, 27 FOR WEST. ENTRY OF 00 INDICATES CALM.

SPEED IS EXPRESSED IN KNOTS; MULTIPLY BY 1.15 TO CONVERT TO MILES PER HOUR.

STATION YEAR & MONTH  
 MILFORD UTAH 77 08

U.S. DEPARTMENT OF COMMERCE  
 NATIONAL CLIMATIC CENTER  
 FEDERAL BUILDING  
 ASHEVILLE, N.C. 28801

AN EQUAL OPPORTUNITY EMPLOYER

POSTAGE AND FEES PAID  
 U.S. DEPARTMENT OF COMMERCE

COM-210



FIRST CLASS

SEPTEMBER 1977 MILFORD, UTAH

DATE	TEMPERATURE °F				DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 HAIL 5 ICE PELLETS 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW, ICE PELLETS OR ICE ON GROUND AT 11AM IN.	PRECIPITATION		AVG. STATION PRESSURE IN. 5033 FEET M.S.L.	WIND			SUNSHINE		SKY COVER TENTHS		DATE	
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING (SEASON BEGINS WITH JULY)			COOLING (SEASON BEGINS WITH JAN.)	WATER EQUIVALENT IN		SNOW, ICE PELLETS IN.	RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE	MINUTES	PERCENT OF POSSIBLE		SUNRISE TO SUNSET
1	87	51	69	1		0	4	0	0	0	25.01	17	SW	781	100	0	1	1		
2	90	45	68	0		0	3	0	0	0	25.06	17	SW	684	88	0	2	2		
3	86	60	73	0		0	8	0	0	0	25.07	29	W	330	43	2	3	3		
4	90	50	70	0		0	5	0	0	0	25.07	10	SW	774	100	1	4	4		
5	93	52	73	0		0	8	0	0	0	25.07	17	S	680	88	2	5	5		
6	95	53	74	0		0	9	0	0	0	25.08	15	S	757	98	1	6	6		
7	96*	53	75*	0		0	10	0	0	0	25.10	25	SW	703	92	1	7	7		
8	93	52	73	0		0	8	0	0	0	25.06	21	N	668	87	1	8	8		
9	90	49	70	0		0	5	0	0	0	25.04	14	N	577	76	3	9	9		
10	78	57	68	0		0	3	0	0	0	25.06	26	SW	291	38	6	10	10		
11	75	56	66	0		0	1	0	0	0	25.03	23	S	154	20	6	11	11		
12	83	53	68	0		0	3	0	0	0	25.01	19	S	580	77	3	12	12		
13	84	45	65	0		0	0	0	0	0	25.04	16	SW	577	77	2	13	13		
14	79	51	65	0		0	0	0	0	0	24.95	33	SW	467	62	3	14	14		
15	81	41	61	0		0	4	0	0	0	24.83	31	SW	748	100	3	15	15		
16	76	48	62	0		0	3	0	0	0	24.78	34	SW	693	93	6	16	16		
17	71	43	57	0		0	0	0	0	0	24.86	15	N	657	89	2	17	17		
18	76	33	55	0		0	4	0	0	0	25.02	14	SW	579	89	2	18	18		
19	78	44	61	0		0	0	0	0	0	24.81	35	SW	440	60	6	19	19		
20	73	38	56	0		0	9	0	0	0	24.85	29	SW	608	83	4	20	20		
21	67	34	51	-10		14	0	0	0	0	25.04	11	S	588	80	7	21	21		
22	71	41	56	-5		9	0	0	0	0	24.86	34	NW	187	26	6	22	22		
23	71	28*	50	-10		15	0	0	0	0	24.87	17	NE	728	100	0	23	23		
24	77	41	59	-1		6	0	0	0	0	24.86	30	SW	553	76	5	24	24		
25	80	45	63	4		2	0	0	0	0	24.81	28	SW	600	83	2	25	25		
26	80	48	64	5		1	0	0	0	0	24.92	30	SW	720	100	0	26	26		
27	80	40	60	1		5	0	0	0	0	24.97	29	SW	718	100	0	27	27		
28	80	50	65	7		0	0	0	0	0	24.96	27	SW	688	96	0	28	28		
29	73	51	62	4		3	0	0	0	0	24.87	28	SW	166	23	10	29	29		
30	59	36	48*	-10		17	0	0	0	0	25.00	28	N	569	80	2	30	30		
SUM		SUM		TOTAL		TOTAL		TOTAL		TOTAL		FOR THE MONTH:			TOTAL		SUM		SUM	
2412		1399		110		67		NUMBER OF DAYS		20		24.98		35 SW		17369		FOR 107		
AVG.		AVG.		AVG. DEP.		AVG. DEP.		PRECIPITATION		DEP.				DATE 19		POSSIBLE MONTH		AVG. DEP.		
80.4		46.3		53.4		0.4		-10		3		-0.41				22377		76 3.6		
NUMBER OF DAYS		TOTAL		TOTAL		TOTAL		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE								
MAXIMUM TEMP.		MINIMUM TEMP.		126		722		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS								
3 90°		2 32°		2 0°		0°		HEAVY FOG		.11		20		0						
7		0		1		0		-1		34		CLEAR 19		PARTLY CLOUDY 6		CLOUDY 5				

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
T TRACE AMOUNT  
+ ALSO ON AN EARLIER DATE, OR DATES.  
HEAVY FOG: - VISIBILITY 1/4 MILE OR LESS.  
FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.  
DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS. FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.  
ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

SUMMARY BY HOURS

HOUR LOCAL TIME	SKY COVER TENS	STATION PRESSURE IN.	TEMPERATURE				RELATIVE HUMIDITY %	WIND SPEED M.P.H.	RESULTANT WIND	
			AIR °F	WET BULB °F	DEW PT. °F	DIRECTION			SPEED M.P.H.	
02	2	24.88	54							
05	2	24.98	51	43	34	55	8.6	20	7.4	
08	4	25.02	57	46	36	49	9.0	20	8.1	
11	3	25.02	72	53	36	29	15.5	20	12.1	
14	4	24.97	78							
17	4	24.94	78							
20	1	24.95	64							
23	1	24.88	58							

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																								1	
2																								2	
3																								3	
4																								4	
5																								5	
6																								6	
7																								7	
8																								8	
9																								9	
10																								10	
11																								11	
12																								12	
13																								13	
14																								14	
15																								15	
16																								16	
17																								17	
18																								18	
19																								19	
20																								20	
21																								21	
22																								22	
23																								23	
24																								24	
25																								25	
26																								26	
27																								27	
28																								28	
29																								29	
30																								30	

SUBSCRIPTION PRICE: \$2.55 PER YEAR. FOREIGN MAILING \$1.85 EXTRA. SINGLE COPY: 20 CENTS FOR MONTHLY ISSUE, 20 CENTS FOR ANNUAL SUMMARY. OTHER DATA IN RECORDS ON FILE CAN BE FURNISHED AT COST VIA MICROFILM, MICROFICHE, OR PAPER COPIES OF ORIGINAL RECORDS. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS, ORDERS, AND INQUIRIES TO NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
0	UNL	15	59	48	41	31	18	4	0	UNL	15	58	47	38	29	20	12	6	
0	UNL	55	53	43	42	21	10	10	0	UNL	55	54	47	31	24	18	10	10	
0	UNL	55	81	56	37	21	18	12	0	UNL	55	82	55	33	17	18	7	9	
14	0	UNL	86	56	31	14	21	10	0	UNL	55	88	56	29	12	20	12	10	
17	0		96						4			88						8	
20	0		70									78						8	
23	0		64									73						8	
DAY 04																			
02	0	UNL	58	50	47	77	22	7	0	UNL	15	58	47	38	49	21	5	2	
08	0	UNL	54	50	47	77	22	7	0	UNL	55	57	47	38	49	21	5	2	
11	0	UNL	61	53	48	63	00	0	0	UNL	55	63	50	40	43	19	10	10	
14	0	UNL	81	58	43	26	13	4	1	UNL	55	85	59	39	20	19	10	10	
17	2		99	59	36	15	21	6	6	75	55	60	60	36	14	19	10	10	
20			74						1			89						1	
23			65									86						1	
DAY 05																			
02	0	UNL	58	45	34	44	21	8	0	UNL	15	60	46	38	53	17	6	4	
08	6	140	64	50	39	40	19	8	0	UNL	55	64	50	39	40	18	6	5	
11	0	UNL	89	58	34	14	21	14	0	UNL	55	86	58	37	18	20	13	10	
14	1	UNL	95	60	33	11	21	18	4	UNL	55	88	56	27	11	36	13	7	
17	2		94						2			87						7	
20			77									73							
23			70									66							
DAY 06																			
02	0	UNL	58	45	34	44	21	8	0	UNL	15	59	46	39	21	30	25	4	
08	6	140	64	50	39	40	19	8	0	UNL	55	52	39	21	30	25	4	4	
11	0	UNL	89	58	34	14	21	14	0	UNL	55	61	44	25	25	00	8	0	
14	1	UNL	95	60	33	11	21	18	4	UNL	55	75	49	21	13	04	4	0	
17	2		94						2			87	55	27	11	12	4	4	
20			77									79							
23			70									67							
DAY 07																			
02	0	UNL	58	45	34	44	21	8	0	UNL	15	60	46	38	53	17	6	4	
08	6	140	64	50	39	40	19	8	0	UNL	55	64	50	39	40	18	6	5	
11	0	UNL	89	58	34	14	21	14	0	UNL	55	86	58	37	18	20	13	10	
14	1	UNL	95	60	33	11	21	18	4	UNL	55	88	56	27	11	36	13	7	
17	2		94						2			87						7	
20			77									73							
23			70									66							
DAY 08																			
02	0	UNL	58	45	34	44	21	8	0	UNL	15	60	46	38	53	17	6	4	
08	6	140	64	50	39	40	19	8	0	UNL	55	64	50	39	40	18	6	5	
11	0	UNL	89	58	34	14	21	14	0	UNL	55	86	58	37	18	20	13	10	
14	1	UNL	95	60	33	11	21	18	4	UNL	55	88	56	27	11	36	13	7	
17	2		94						2			87						7	
20			77									73							
23			70									66							
DAY 09																			
02	0	UNL	58	45	34	44	21	8	0	UNL	15	59	46	39	21	30	25	4	
08	6	140	64	50	39	40	19	8	0	UNL	55	52	39	21	30	25	4	4	
11	0	UNL	89	58	34	14	21	14	0	UNL	55	61	44	25	25	00	8	0	
14	1	UNL	95	60	33	11	21	18	4	UNL	55	75	49	21	13	04	4	0	
17	2		94						2			87	55	27	11	12	4	4	
20			77									79							
23			70									67							
DAY 10																			
02	1	UNL	59	48	35	35	20	5	10	60	15	60	51	54	73	17	14	2	
08	10	60	64	50	39	40	21	14	10	60	20	63	55	53	81	18	12	6	
11	10	60	68	57	50	53	20	18	10	100	40	65	59	56	73	19	13	1	
14	10	250	75	58	48	39	19	14	10	110	40	72	59	52	50	23	12	6	
17	4		78						8			70							
20			66									64							
23			66									60							
DAY 11																			
02	0	UNL	58	45	34	44	21	8	0	UNL	15	59	46	39	21	30	25	4	
08	6	140	64	50	39	40	19	8	0	UNL	55	52	39	21	30	25	4	4	
11	0	UNL	89	58	34	14	21	14	0	UNL	55	61	44	25	25	00	8	0	
14	1	UNL	95	60	33	11	21	18	4	UNL	55	75	49	21	13	04	4	0	
17	2		94						2			87	55	27	11	12	4	4	
20			77									79							
23			70									67							
DAY 12																			
02	0	UNL	58	45	34	44	21	8	0	UNL	15	59	46	39	21	30	25	4	
08	6	140	64	50	39	40	19	8	0	UNL	55	52	39	21	30	25	4	4	
11	0	UNL	89	58	34	14	21	14	0	UNL	55	61	44	25	25	00	8	0	
14	1	UNL	95	60	33	11	21	18	4	UNL	55	75	49	21	13	04	4	0	
17	2		94						2			87	55	27	11	12	4	4	
20			77									79							
23			70									67							
DAY 13																			
02	0	UNL	51	45	42	83	18	4	6	UNL	15	52	45	41	37	74	23	4	
08	0	UNL	53	48	44	72	18	6	9	130	55	57	47	38	49	21	10	10	
11	0	UNL	75	58	48	40	19	12	10	130	55	75	51	29	18	20	18	10	
14	5	UNL	83	56	35	18	07	5	10	130	55	80	52	25	13	20	22	10	
17	6		79						5			76							
20			66									65							
23			60									54							
DAY 14																			
02	0	UNL	55	48	40	53	17	8	0	UNL	15	52	45	41	37	74	23	4	
08	0	UNL	56	49	43	62	22	9	0	UNL	55	57	47	38	49	21	10	10	
11	0	UNL	75	56	43	32	22	17	0	UNL	55	75	51	29	18	20	18	10	
14	5	UNL	83	55	40	28	21	17	10	UNL	55	80	52	25	13	20	22	10	
17	6		77						5			76							
20			60									65							
23			60									54							
DAY 15																			
02	0	UNL	52	45	41	37	74	23	4	0	UNL	15	42	38	32	23	55	26	6
08	0	UNL	57	47	38	49	21	10	0	UNL	55	48	38	25	41	09	4	4	
11	0	UNL	75	51	29	18	20	18	0	UNL	55	66	47	25	21	22	7	7	
14	7		80						0			74							
17	4		75						0			74							
20			60						10			75							
23			52									58							
DAY 16																			
02	0	UNL	50	38	20	31	22	10	6	150	15	42	38	32	23	55	26	6	
08	9	UNL	58	44	28	32	20	14	9	100	55	48	38	25	41	09	4	4	
11	2	UNL	70	48	23	17	20	20	1	UNL	55	66	47	25	21	22	7	7	
14	7	UNL	75	48	14	10	21	20	0			74							
17	4		71						0			75							
20			60									57							
23			52									48							
DAY 17																			
02	0	UNL	50	38	20	31	22	10	6	150	15	42	38	32	23	55	26	6	
08	9	UN																	

OCTOBER 1977 MILFORD, UTAH

DATE	TEMPERATURE °F					DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 BLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW, ICE PELLETS OR ICE ON GROUND AT 11AM IN.	PRECIPITATION		AVG. STATION PRESURE IN. 5033 FEET M.S.L.	WIND			SUNSHINE		SKY COVER TENTHS		DATE
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING (SEASON BEGINS WITH JULY)	COOLING (SEASON BEGINS WITH JAN.)			WATER EQUIVALENT IN	SNOW, ICE PELLETS IN.		RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO SUNSET	
1	62	25	44	-13		21	0		0	0	0	25.09			21	N	707	100	0	1
2	78	28	53	-4		12	0		0	0	0	25.06			14	S	647	92	3	2
3	82%	37	60	4		5	0		0	0	0	25.02			25	SW	671	95	1	3
4	81	35	58	2		7	0		0	0	0	24.89			28	SW	462	66	9	4
5	79	46	63%			2	0		0	0	0	25.00			38	SW	364	52	10	5
6	74	48	61	7		4	0		0	0	0	24.87			35	NW	187	27	9	6
7	65	38	52	-10		13	0		0	0	0	25.06			15	N	691	100	0	7
8	65	30	46	-16		17	0		0	0	0	25.07			12	NE	691	100	0	8
9	71	34	53	-11		12	0		0	0	0	24.94			17	N	605	88	3	9
10	62	32	47	-16		18	0		0	0	0	25.10			21	NE	686	100	0	10
11	63	24	44	-19		21	0		0	0	0	25.26			18	N	683	100	0	11
12	59	24	47	-16		18	0		0	0	0	25.23			11	N	681	100	0	12
13	77	27	52	0		13	0		0	0	0	25.13			12	N	678	100	1	13
14	75	30	53	1		12	0		0	0	0	25.19			15	N	676	100	4	14
15	75	30	53	2		12	0		0	0	0	25.25			12	NE	673	100	0	15
16	80	31	56	5		9	0		0	0	0	25.16			13	S	671	100	0	16
17	78	31	55	5		10	0		0	0	0	25.13			13	NE	669	100	0	17
18	78	29	54	4		11	0		0	0	0	25.09			11	S	666	100	0	18
19	74	36	55	5		10	0		0	0	0	25.01			29	SW	306	46	9	19
20	68	45	57	8		8	0		0	0	0	24.94			20	SW	303	46	9	20
21	65	36	51	2		14	0		0	0	0	25.03			22	E	467	71	5	21
22	65	31	49	1		16	0		0	0	0	25.12			21	N	623	96	0	22
23	71	26	49	1		16	0		0	0	0	25.09			10	S	655	100	0	23
24	74	30	52	5		13	0		0	0	0	25.11			15	SW	578	89	3	24
25	76	31	54	7		11	0		0	0	0	25.12			15	SW	650	100	0	25
26	76	34	55	9		10	0		0	0	0	24.97			25	SW	648	100	0	26
27	72	34	53	7		12	0		0	0	0	24.90			37	SW	593	92	1	27
28	69	41	55	10		10	0		0	0	0	24.99			32	SW	251	39	6	28
29	65	36	51	6		14	0		0	0	0	24.89			36	SW	338	53	5	29
30	62	22%	42	-2		23	0		0	0	0	24.94			16	N	639	100	0	30
31	54	26	40%	-4		25	0		0	0	0	25.01			16	N	188	30	8	31

SUM	SUM				TOTAL	TOTAL			TOTAL	TOTAL		FOR THE MONTH			TOTAL	%	SUN	SUM	
2206	1007				398	0			NUMBER OF DAYS	.27	0	25.06			38	SW	17349	FOR	86
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.			PRECIPITATION	DEP.				DATE: 05	POSIBLE	MONTH	AVG.	AVG.	
71.2	32.5	51.9	1.2		-44	0			>.01 INCH	4	-0.51				20817	83	2.8		
NUMBER OF DAYS				SEASON TO DATE		TOTAL		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.							
MAXIMUM TEMP.		MINIMUM TEMP.		525		722		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS		ICE PELLETS OR ICE AND DATE					
± 90°		± 32°		± 32°		± 0°		HEAVY FOG		19		6		0					
0		0		18		0		-45		34		CLEAR 21		PARTLY CLOUDY 4		CLOUDY 6			

SUMMARY BY HOURS

HOUR LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE			RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.
			AIR °F	WET BULB °F	DEW PT. °F				
02		25.07	40						
05	1	25.07	38	33	24	56	6.9	20	
08	3	25.08	41	34	25	55	6.3	20	
11	3	25.09	42	34	25	55	11.0	19	
14	3	25.03	70						
17		25.02	66						
20		25.04	51						
23		25.06	44						

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31

SUBSCRIPTION PRICE: \$2.55 PER YEAR, FOREIGN MAILING \$1.85 EXTRA. SINGLE COPY: 20 CENTS FOR MONTHLY ISSUE, 20 CENTS FOR ANNUAL SUMMARY. OTHER DATA IN RECORDS ON FILE CAN BE FURNISHED AT COST VIA MICROFILM, MICROFICHE, OR PAPER COPIES OF ORIGINAL RECORDS. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS, ORDERS, AND INQUIRIES TO NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*D. D. 21st 11*



NOVEMBER 1977 MILFORD, UTAH

DATE	TEMPERATURE °F					DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG 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 11AM IN.	PRECIPITATION		AVG. STATION PRESSURE IN. ELEV. 5033 FEET M.S.L.	WIND			SUNSHINE		SKY COVER TENTHS		DATE	
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE	DEW POINT	HEATING SEASON BEGINS WITH JULY 1			COOLING SEASON BEGINS WITH JAN. 1	WATER EQUIVA- LENT IN		SNOW-ICE PELLETS IN.	RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE M.P.H.	DIRECTION	MINUTES		PERCENT OF POSSIBLE
1	55	15	35	-8		30	0		0	0	0	25.15			11	W	635	100	0	0	1
2	71	22	47	4		18	0		0	0	0	25.00			20	SW	633	100	0	0	2
3	72	26	49	7		13	0		0	0	0	24.97			26	SW	531	84	1	1	3
4	70	34	52	10		13	0		0	0	0	24.97			26	SW	263	42	8	8	4
5	65	42	54	13		11	0		0	0	0	24.80			38	SW	367	58	9	9	5
6	43	34	39	-2		26	0		0	0	0	24.80			33	NE	0	0	10	10	6
7	53	32	43	2		22	0		0	0	0	24.91			22	NE	273	44	7	7	7
8	39	18	29	-11		36	0		0	0	0	25.09			29	NE	619	100	0	0	8
9	44	8	26	-14		39	0		0	0	0	25.23			10	N	599	97	1	1	9
10	56	10	33	-6		32	0		0	0	0	25.29			10	N	588	95	0	0	10
11	61	18	40	1		25	0		0	0	0	25.21			17	SW	236	38	9	9	11
12	65	29	47	9		18	0		0	0	0	25.17			20	SW	612	100	0	0	12
13	65	19	42	4		23	0		0	0	0	25.11			24	SW	349	57	10	10	13
14	55	19	37	-1		28	0		0	0	0	25.10			14	N	522	86	4	4	14
15	62	16	39	2		26	0		0	0	0	25.07			12	SW	607	100	3	3	15
16	65	20	43	6		22	0		0	0	0	25.07			17	SW	604	100	3	3	16
17	58	20	39	2		26	0		0	0	0	24.98			25	SW	322	53	8	8	17
18	60	39	50	14		15	0		0	0	0	24.69			40	SW	341	57	9	9	18
19	47	4	26	-10		39	0		0	0	0	24.62			2	N	227	38	8	8	19
20	21	-12	5	-30		60	0		2	2	0	24.98			12	N	492	82	7	7	20
21	46	5	26	-9		39	0		1	1	0	24.95			33	SW	175	29	10	10	21
22	53	31	42	7		23	0		0	0	0	24.96			28	SW	240	40	6	6	22
23	46	22	35	1		30	0		0	0	0	25.11			17	N	508	86	6	6	23
24	62	26	44	10		21	0		0	0	0	25.16			19	SW	424	72	7	7	24
25	68	26	47	13		18	0		0	0	0	25.20			16	S	543	92	4	4	25
26	68	36	52	19		13	0		0	0	0	25.02			19	SW	474	81	5	5	26
27	58	27	43	10		22	0		0	0	0	24.90			21	NE	335	57	5	5	27
28	51	16	34	1		31	0		0	0	0	25.10			17	NE	578	99	2	2	28
29	54	14	34	1		31	0		0	0	0	25.24			17	SW	451	77	7	7	29
30	50	22	36	4		28	0		0	0	0	25.11			13	NE	555	95	3	3	30

RECORD OF OCCURRENCES INCOMPLETE

SUM	SUM				TOTAL	TOTAL			TOTAL	TOTAL		FOR THE MONTH:			TOTAL	%	SUM	SUM	
1685	638				782	0			.17	1.6	25.03			40	SW	13103	FOR	149	
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.				PRECIPITATION	DEP.				DATE:	18	POSSIBLE	MONTH	AVG.	AVG.
56.2	21.3	38.8	1.5		-49	0			>.01 INCH	2	-0.50				18192	72	5.0		
NUMBER OF DAYS				SEASON TO DATE				SNOW-ICE PELLETS				GREATEST IN 24 HOURS AND DATES				GREATEST DEPTH ON GROUND OF SNOW.			
MAXIMUM TEMP.		MINIMUM TEMP.		1307		722		THUNDERSTORMS		PRECIPITATION		SNOW-ICE PELLETS		ICE PELLETS OR ICE AND DATE					
0		1		25		1		-94		34		CLEAR 11		PARTLY CLOUDY 10		CLOUDY 9			

SUMMARY BY HOURS

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
 † TRACE AMOUNT.  
 \* ALSO ON AN EARLIER DATE, OR DATES.  
 HEAVY FOG: - VISIBILITY 1/4 MILE OR LESS.  
 FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.  
 DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS. FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES, THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.  
 ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

HOUR LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	AVERAGES					RESULTANT WIND	
			TEMPERATURE	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.		
02	25.03	31							
05	25.03	27							
08	25.06	28	23	15	66	8.2	22	2.3	
11	25.07	46	34	19	39	12.6	21	3.2	
14	25.01	54	38	17	29	14.7	24	3.3	
17	25.00	49							
20	25.02	39							
23	25.04	34							

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30

SUBSCRIPTION PRICE: \$2.55 PER YEAR. FOREIGN MAILING \$1.85 EXTRA. SINGLE COPY: 20 CENTS FOR MONTHLY ISSUE. 20 CENTS FOR ANNUAL SUMMARY. OTHER DATA IN RECORDS ON FILE CAN BE FURNISHED AT COST VIA MICROFILM, MICROFICHE, OR PAPER COPIES OF ORIGINAL RECORDS. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS, ORDERS, AND INQUIRIES TO NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

*D. N. N. 11/11/77*













MONTHLY SUMMARY



LATITUDE 38° 26' N LONGITUDE 113° 01' W ELEVATION (GROUND) 5028 FT. STANDARD TIME USED: MOUNTAIN WDM #23176

FEBRUARY 1978  
MILFORD, UTAH

DATE	TEMPERATURE °F					DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 DRIZZLE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW, ICE PELLETS OR ICE ON GROUND AT 11AM IN.	PRECIPITATION		AVG. STATION PRES- SURE IN. ELEV. 5033 FEET M.S.L.	WIND			SUNSHINE		SKY COVER TENTHS		DATE	
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING (SEASON BEGINN WITH JULY)	COOLING (SEASON BEGINN WITH JAN.)			WATER EQUIVA- LENT IN	SNOW, ICE PELLETS IN.		RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE DIRECTION	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO SUNSET		MIDNIGHT TO MIDNIGHT
1	53	22	38	10		27	0		T	0	0	25.00			16	SW	560	91	5	1	
2	54	26	40	12		25	0		T	0	0	25.05			16	SW	591	96	3	2	
3	57	25	41	12		24	0		T	0	0	25.17			18	S	620	100	4	3	
4	52	21	37	8		28	0		T	0	0	25.23			10	NW	291	47	10	4	
5	55	28	42	13		23	0		T	0	0	24.86			34	SW	28	4	10	5	
6	46	37	42	13		23	0		T	.06	0	24.78			27	SW	89	14	4	6	
7	45	32	39	9		26	0		T	0	0	24.77			29	S	228	35	9	7	
8	49	28	39	9		26	0		T	.03	.1	24.84			28	SW	539	85	9	8	
9	48	34	41	11		24	0		T	0	0	24.73			27	SW	42	7	10	9	
10	45	30	38	8		27	0		T	.44	3	24.49			36	SW	23	4	10	10	
11	34	19	27	-4		38	0		T	2	2	24.49			26	SW	302	47	9	11	
12	37	25	31	0		34	0		T	1	1	24.74			18	S	364	57	8	12	
13	42	27	35	4		30	0		T	1	1	24.81			16	SW	162	25	10	13	
14	39	24	32	1		33	0		T	.01	.2	24.91			18	N	100	16	9	14	
15	42	19	31	-1		34	0		T	.05	.8	24.85			29	N	186	29	10	15	
16	32	14	23	-9		42	0		T	.04	.7	24.86			24	NE	275	42	8	16	
17	33	13	23	-9		42	0		T	1	1	25.09			16	N	207	32	9	17	
18	38	21	30	-2		35	0		T	0	0	25.16			17	N	431	66	10	18	
19	42	26	34	1		31	0		T	0	0	25.17			16	N	67	10	10	19	
20	46	24	35	2		30	0		T	0	0	25.21			14	N	108	16	9	20	
21	51	19	35	2		30	0		T	0	0	25.28			14	NW	660	100	1	21	
22	51	17	34	1		31	0		T	0	0	25.26			21	NE	664	100	0	22	
23	60	18	39	6		26	0		T	0	0	25.13			11	SW	686	100	0	23	
24	62	19	41	7		24	0		T	0	0	25.00			12	S	638	95	6	24	
25	59	32	46	12		19	0		T	0	0	24.89			25	SW	244	56	10	25	
26	58	37	48	14		17	0		T	0	0	24.88			33	SW	188	29	10	26	
27	51	35	43	9		22	0		T	.02	0	24.76			35	SW	181	27	8	27	
28	52	31	42	8		23	0		T	.08	0	24.82			17	S	175	26	9	28	
SUM		703				794		0		NUMBER OF DAYS		.80 5.7 24.95		FOR THE MONTH:		36 SW 8629		FOR		208	
AVG.		25.1		36.4		5.0		-1.47		PRECIPITATION		.80 5.7 24.95		DATE: 10		18095		48		7.4	
47.6		25.1		36.4		5.0		-1.47		SEASON TO DATE		SNOW, ICE PELLETS		> 1.0 INCH		1		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW,	
MAXIMUM TEMP.		MINIMUM TEMP.		TOTAL		TOTAL		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS		ICE PELLETS ON ICE AND DATE		2		16+			
90		32		32		0		DEP.		DEP.		HEAVY FOG		-46 9-10 3.9		10					
0		1		24		0		-716		0		CLEAR		5		PARTLY CLOUDY		3		CLOUDY 20	

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
T TRACE AMOUNT  
+ ALSO ON AN EARLIER DATE, OR DATES.  
HEAVY FOG - VISIBILITY 1/4 MILE OR LESS.  
FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.  
DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.  
FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.  
ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

SUMMARY BY HOURS

HOUR LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE				RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.
			AIR °F	BULB °F	DEW PT. °F	WIND DIR.				
02		24.95	30							
05		24.95	29							
08	7	24.97	29	27	24	84	6.4	21	5.2	
11	8	24.98	40	34	27	62	13.4	21	6.6	
14	9	24.94	45	37	26	52	15.3	22	5.6	
17	8	24.92	43							
20		24.83	34							
23		24.84	32							

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

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



MILFORD, UTAH

NAT WEATHER SERVICE MET OBSV

MILFORD AIRPORT

## MONTHLY SUMMARY

LATITUDE 38° 26' N LONGITUDE 113° 01' W ELEVATION (GROUND) 5028 FT. STANDARD TIME USED: MOUNTAIN. WBAN #23176



MARCH 1978

MILFORD, UTAH

DATE	TEMPERATURE ° F			DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE		SNOW-ICE PELLETS OR ICE ON GROUND AT 11 AM	PRECIPITATION		STATION PRESSURE IN. 5033 ELEV. FEET M.S.L.	WIND			SUNSHINE		SKY COVER TENTS		DATE
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING SEASON BEGINS WITH JULY	COOLING SEASON BEGINS WITH JANU.		WATER EQUIVA. IN.	SNOW-ICE PELLETS IN.		RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO MIDNIGHT	
1	48	38	44	8	21	0	0	0	.07	0	24.65	26	SH	46	7	10		1	2
2	53	36	46	11	19	0	0	0	.05	0	24.70	32	SH	103	15	10		1	2
3	51	33	42	7	23	0	0	0	.02	0	24.77	26	S	154	22	8		1	2
4	46	33	40	5	25	0	0	0	.10	0	24.74	31	SH	10	1	10		1	2
5	50	37	44	9	21	0	0	0	.02	0	24.73	33	SH	247	36	10		1	2
6	53	30	42	6	23	0	0	0	.05	0	24.99	29	N	338	49	9		1	2
7	54	25	40	4	25	0	0	0	0	0	25.19	11	N	631	91	7		1	2
8	62	25	44	8	21	0	0	0	0	0	25.09	28	SH	502	72	7		1	2
9	59	35	47	11	18	0	0	0	0	0	24.94	20	SH	235	34	10		1	2
10	47	34	41	8	24	0	0	0	.19	0	24.94	14	W	150	24	10		1	2
11	49	32	40	9	22	0	0	0	.22	0	24.79	31	SH	236	33	10		1	2
12	47	30	39	3	26	0	0	0	.19	2	24.64	25	SH	337	46	7		1	2
13	48	31	40	3	25	0	0	0	0	0	24.89	12	S	397	56	7		1	2
14	47	28	38	1	27	0	0	0	.03	2	25.04	26	NE	604	85	3		1	2
15	50	19	35*	-3	30	0	0	0	0	0	25.25	14	NE	715	100	0		1	2
16	59	18*	39	1	26	0	0	0	0	0	25.33	11	N	718	100	1		1	2
17	68	22	45	7	20	0	0	0	0	0	25.24	14	SH	703	98	4		1	2
18	70	25	48	10	17	0	0	0	0	0	25.09	25	SH	497	69	10		1	2
19	63	43	53	14	12	0	0	0	.02	0	25.05	19	S	301	42	7		1	2
20	67	32	50	11	15	0	0	0	0	0	25.07	17	E	634	87	2		1	2
21	68	31	50	11	15	0	0	0	.22	0	24.96	33	SH	274	38	10		1	2
22	54	39	47	7	18	0	0	0	.43	0	24.86	33	SH	210	29	10		1	2
23	60	35	48	8	17	0	0	0	.10	0	24.91	26	SH	429	59	10		1	2
24	54	32	43	3	22	0	0	0	0	0	25.11	19	NE	578	78	6		1	2
25	61	26	44	4	21	0	0	0	0	0	25.18	19	N	741	100	4		1	2
26	68	28	48	7	17	0	0	0	0	0	25.09	9	NE	600	81	8		1	2
27	70	32	51	10	14	0	0	0	0	0	24.96	22	E	452	61	8		1	2
28	70	36	53	12	12	0	0	0	0	0	24.95	18	N	745	100	0		1	2
29	75*	32	54	12	11	0	0	0	0	0	24.99	21	SH	647	86	6		1	2
30	72	39	56*	14	9	0	0	0	0	0	25.00	34	SH	315	42	9		1	2
31	66	40	53	11	12	0	0	0	.29	0	24.85	45	SH	246	33	10		1	2
SUM	SUM	SUM	SUM	SUM	TOTAL	TOTAL			TOTAL	TOTAL	FOR THE MONTH	TOTAL		X	SUN	SUN			
1809	979				611	0			2.00	2.2	24.96	45	SH	12796	FOR	212			
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.			PRECIPITATION	DEP.		DATE: 31	POSSIBLE	MONTH	AVG.	AVG.			
58.4	31.6	45.0	6.9		-223	0			.01 INCH	15			22249	58	6.8				
NUMBER OF DAYS		MINIMUM TEMP.		TOTAL		SNOW-ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.									
≥ 90°		≥ 32°		4583		≥ 1.0 INCH		PRECIPITATION SNOW-ICE PELLETS		ICE PELLETS OR ICE AND DATE									
0		0		-939		0		65 21-22 2.0		1 13+									
0		18		0		-939		0 CLEAR 5 PARTLY CLOUDY 10 CLOUDY 16											

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
T TRACE AMOUNT

\* ALSO ON AN EARLIER DATE, OR DATES.

HEAVY FOG - VISIBILITY 1/4 MILE OR LESS.

FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.

DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS. FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.

ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

## SUMMARY BY HOURS

HOUR	LOCAL TIME	SKY COVER PERCENT	AVERAGES					RESULTANT WIND	
			STATION PRESSURE IN.	TEMPERATURE	RELATIVE HUMIDITY %	MIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.	
02	24.97	36							
05	24.96	34							
08	24.99	38							
11	24.99	51							
14	24.96	55							
17	24.93	54							
20	24.95	43							
23	24.97	39							

## HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

HOUR	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
1	T	T											T	T										
2																								
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								
17																								
18																								
19																								
20																								
21																								
22																								
23																								
24																								
25																								
26																								
27																								
28																								
29																								
30																								
31																								

SUBSCRIPTION PRICE: \$2.55 PER YEAR. FOREIGN MAILING \$1.85 EXTRA. SINGLE COPY: 20 CENTS FOR MONTHLY ISSUE, 20 CENTS FOR ANNUAL SUMMARY. OTHER DATA IN RECORDS ON FILE CAN BE FURNISHED AT COST VIA MICROFILM, MICROFICHE, OR PAPER COPIES OF ORIGINAL RECORDS. MAKE CHECKS PAYABLE TO DEPARTMENT OF COMMERCE, NOAA. SEND PAYMENTS, ORDERS, AND INQUIRIES TO NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE, NORTH CAROLINA 28801.

HOI	SWY	CEIL	WHOLE	WINDS	REL	DIR	SPEED	SWY	CEIL	WHOLE	WINDS	REL	DIR	SPEED	SWY	CEIL	WHOLE	WINDS	REL	DIR	SPEED	SWY	CEIL	WHOLE	WINDS	REL	DIR	SPEED	
02																													
05																													
08	10	30	30																										
11	9	20	40																										
14	10	16	30	RW																									
17	10																												
20																													
23																													
02																													
05																													
08	10																												
11	10																												
14	10																												
17	9																												
20																													
23																													
02																													
05																													
08	10																												
11	10																												
14	10																												
17	9																												
20																													
23																													
02																													
05																													
08	10	35	25	R																									
11	10	9	12	R																									
14	10	16	20	RW																									
17	7																												
20																													
23																													
02																													
05																													
08	10	45	25	R																									
11	10	UNL	30	UNL																									
14	5	UNL	55	UNL																									
17	7																												
20																													
23																													
02																													
05																													
08	10	UNL	55	UNL																									
11	0	UNL	55	UNL																									
14	0	UNL	55	UNL																									
17	3																												
20																													
23																													
02																													
05																													
08	10																												
11	9																												
14	3																												
17	7																												
20																													
23																													
02																													
05																													
08	10	15	15	R																									
11	9	15	30																										
14	10	100	40																										
17	9																												
20																													
23																													
02																													
05																													
08	10																												
11	1																												
14	9																												
17	9																												
20																													
23																													
02																													
05																													
08	0																												
11	1																												
14	9																												
17	9																												
20																													
23																													
02																													
05																													
08	0	50	55																										
11	10	30	20	RW																									
14	10																												
17	9																												
20																													
23																													

NOTES  
CEILING  
UNL INDICATES UNLIMITED

WEATHER  
 \* TORRADO  
 T THUNDERSTORM  
 Q SQUALL  
 R RAIN  
 RW RAIN SHOWERS  
 ZR FREEZING RAIN  
 L DRIZZLE  
 ZL FREEZING DRIZZLE  
 S SNOW  
 SP SNOW PELLETS  
 IC ICE CRYSTALS  
 SW SNOW SHOWERS  
 SG SNOW GRAINS  
 IP ICE PELLETS  
 H HAIL  
 F FOG  
 IF ICE FOG  
 GF GROUND FOG  
 BD BLOWING DUST  
 BN BLOWING SAND  
 BS BLOWING SNOW  
 BY BLOWING SPRAY  
 K SMOKE  
 H HAZE  
 D DUST





LATITUDE 38° 26' N LONGITUDE 113° 01' W ELEVATION (GROUND) 5028 FT. STANDARD TIME USED: MOUNTAIN WBAN #23176

APRIL 1978

MILFORD, UTAH

DATE	TEMPERATURE °F						DEGREE DAYS		WEATHER TYPES ON DATES OF OCCURRENCE	SNOW ICE OR ICE ON GROUND	PRECIPITATION		AVG. STATION PRES- SURE IN.	WIND				SUNSHINE		SKY COVER TENTHS			DATE
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING (SEASON BEGINS WITH JULY)	COOLING (SEASON BEGINS WITH JAN.)	WATER EQUIVA- LENT IN.			SNOW. ICE PELLETS IN.	RESULTANT DIR.		RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE DIRECTION	MINUTES	PERCENT OF POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT			
1	55	35	45	2		20	0			0	.27	0	24.76			28	SW	217	29	9		1	
2	49	32	41	-2		24	0			0	.40	2.4	24.82			31	SW	149	20	9		2	
3	57	29	43	0		22	0			0	0	0	24.99			23	SW	464	61	6		3	
4	60	35	48	4		17	0			0	.08	0	24.88			38	SW	371	48	6		4	
5	56	32	44	0		21	0			0	0	0	24.96			16	S	509	66	7		5	
6	64	33	49	5		16	0			0	0	0	24.77			30	S	356	46	6		6	
7	55	33	44	0		21	0			0	.05	.2	24.71			43	SW	259	34	8		7	
8	45	26	36*	-9		29	0			0	.12	0	24.80			25	NE	22	3	10		8	
9	58	30	44	-1		21	0			0	0	0	24.88			41	N	454	58	5		9	
10	64	30	47	2		18	0			0	0	0	25.04			20	NE	780	100	0		10	
11	75*	31	53	7		12	0			0	0	0	24.94			25	SW	637	81	11		11	
12	66	36	52	6		13	0			0	0	0	24.93			17	SW	767	97	2		12	
13	66	39	53	7		12	0			0	0	0	24.83			35	NW	170	22	10		13	
14	68	33	51	4		14	0			0	0	0	24.83			30	SW	680	86	4		14	
15	67	36	52	5		13	0			0	0	0	24.79			34	S	637	81	3		15	
16	52	33	43	-4		22	0			0	.07	.1	24.78			42	SW	502	63	6		16	
17	54	20	37	-11		28	0			0	0	0	25.07			20	N	787	99	1		17	
18	61	20	41	-7		24	0			0	0	0	25.10			17	N	777	97	4		18	
19	68	27	48	0		17	0			0	0	0	24.95			21	W	649	81	7		19	
20	69	35	52	3		13	0			0	0	0	24.75			39	SW	759	95	6		20	
21	50	28	39	-10		26	0			0	.07	.7	24.85			28	N	442	55	6		21	
22	57	20*	39	-10		26	0			0	0	0	24.99			15	SW	765	95	2		22	
23	70	37	54	4		11	0			0	0	0	25.01			16	N	701	87	8		23	
24	73	34	54	4		11	0			0	0	0	24.99			18	SW	386	47	10		24	
25	71	45	58*	8		7	0			0	.35	0	24.86			45	S	201	25	9		25	
26	62	37	50	-1		15	0			0	.01	0	24.79			25	SW	700	86	2		26	
27	65	36	51	0		14	0			0	0	0	24.87			19	NW	355	43	6		27	
28	66	39	53	2		12	0			0	0	0	24.93			18	N	521	63	4		28	
29	54	39	47	-4		18	0			0	.07	0	24.82			22	W	239	29	8		29	
30	64	33	49	-3		16	0			0	0	0	24.72			25	SW	541	65	6		30	
SUM		SUM		TOTAL		TOTAL		NUMBER OF DAYS		TOTAL		TOTAL		FOR THE MONTH:				TOTAL		SUM		SUM	
1843		973		533		0		1.49		3.4		24.88		45 S				14788		FOR 185			
AVG.		AVG.		AVG.		AVG.		PRECIPITATION		DEP.		DATE: 25		POSSIBLE MONTH		AVG.		AVG.					
61.4		32.4		46.9		-0.3		-1		0		>.01 INCH 10		0.59		23778		62		6.2			
NUMBER OF DAYS		TOTAL		TOTAL		SEASON TO DATE		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW,											
MAXIMUM TEMP.		MINIMUM TEMP.		51.6		0		THUNDERSTORMS		PRECIPITATION		SNOW, ICE PELLETS		ICE PELLETS OR ICE AND DATE									
≥ 90°		≤ 32°		≤ 32°		≤ 0°		HEAVY FOG		.45		31-1		2.4		2		1		21			
0		0		12		0		-940		0		CLEAR 6		PARTLY CLOUDY 12		CLOUDY 12							

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
 † TRACE AMOUNT.  
 \* ALSO ON AN EARLIER DATE, OR DATES.  
 HEAVY FOG = VISIBILITY 1/4 MILE OR LESS.  
 FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.  
 DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.  
 FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK DUST SPEED.  
 ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

SUMMARY BY HOURS

HOUR LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE				RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	RESULTANT WIND SPEED M.P.H.
			AIR °F	NET BULB °F	DEW PT. °F	WIND VELOCITY				
02			24.89							
05			24.88							
08	6		24.80							
11	6		24.91							
14	7		24.87							
17	6		24.85							
20			24.86							
23			24.88							

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																								1	
2																								2	
3																								3	
4																								4	
5																								5	
6																								6	
7																								7	
8																								8	
9																								9	
10																								10	
11																								11	
12																								12	
13																								13	
14																								14	
15																								15	
16																								16	
17																								17	
18																								18	
19																								19	
20																								20	
21																								21	
22																								22	
23																								23	
24																								24	
25																								25	
26																								26	
27																								27	
28																								28	
29																								29	
30																								30	







MONTHLY SUMMARY



LATITUDE 38° 26' N LONGITUDE 113° 01' W ELEVATION (GROUND) 5028 FT. STANDARD TIME USED: MOUNTAIN WBAN #23176

JUNE 1978

MILFORD, UTAH

DATE	TEMPERATURE °F			DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG 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 11AM IN.	PRECIPITATION		AVG. STATION PRESSURE IN. 5033 FEET M.S.L.	WIND			SUNSHINE		SKY COVER TENTHS		DATE			
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE			DEW POINT	HEATING (SEASON BEGINS WITH JULY)		COOLING (SEASON BEGINS WITH JAN.)	WATER EQUIVA- LENT IN.	SNOW-ICE PELLETS IN.	RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE M.P.H.		DIRECTION	MINUTES	PERCENT OF POSSIBLE
1																					
2	70	32*	56	-1.5		9	0	0	0	24.90			17	N	848	96	0	3	1	2	
3	80	39	60	0		8	0	0	0	24.89			28	SW	780	89	0	3	1	2	
4	80	41	61	0		4	0	0	0	25.01			24	NW	572	65	5	5	3	3	
5	76	46	62	0		3	0	0	0	25.03			23	NE	762	86	4	4	4	4	
6	73	39	56*	-1.6		4	0	0	0	25.03			26	NE	716	81	6	6	5	5	
7	82	39	61	0		9	0	0	0	25.04			21	N	845	95	2	2	5	6	
8	89	42	66	0		0	0	0	0	25.06			16	E	712	80	5	0	7	7	
9	89	45	67	0		0	0	0	0	25.07			16	E	886	100	0	0	8	8	
10	92	49	71	0		0	0	0	0	24.94			37	SW	489	56	6	6	9	9	
11	85	53	69	0		0	0	0	0	25.00			32	NE	365	41	6	6	10	10	
12	77	46	62	-0.8		3	0	0	0	25.08			23	N	888	100	0	0	11	11	
13	89	40	65	0		0	0	0	0	25.08			28	SW	817	92	5	0	12	12	
14	89	53	71	0		0	0	0	0	25.05			32	SW	890	100	0	0	13	13	
15	89	50	70	0		0	0	0	0	24.96			33	SW	812	91	3	3	14	14	
16	86	49	67	0		0	0	0	0	24.93			36	SW	890	100	0	0	15	15	
17	85	41	63	-1		2	0	0	0	24.99			25	SW	890	100	0	0	16	16	
18	83	43	63	-1		0	0	0	0	25.16			17	N	890	100	0	0	17	17	
19	89	41	65	0		0	0	0	0	24.88			42	SW	823	92	4	4	18	18	
20	82	47	65	0		0	0	0	0	25.02			20	NE	891	100	0	0	19	19	
21	90	41	66	0		0	0	0	0	24.99			24	SW	846	95	5	5	20	20	
22	93*	49	71	4		0	0	0	0	24.96			26	S	862	97	3	3	21	21	
23	92	51	72	5		0	0	0	0	24.95			25	SW	869	88	2	2	22	22	
24	91	51	71	3		0	0	0	0	24.88			34	SW	572	64	8	8	23	23	
25	91	55	73*	5		0	0	0	0	24.82			40	SW	825	93	1	1	24	24	
26	80	53	67	0		0	0	0	0	24.96			24	NE	891	100	0	0	25	25	
27	87	40	64	-1.6		1	0	0	0	24.87			26	SW	890	100	0	0	26	26	
28	87	46	67	-1		0	0	0	0	24.91			33	SW	885	89	0	0	27	27	
29	88	45	67	-1		0	0	0	0	24.89			33	SW	859	87	2	2	28	28	
30	87	48	68	0		0	0	0	0	25.02			22	SW	833	94	1	1	29	29	
31	89	43	66	0		0	0	0	0	24.99			23	SW	888	100	0	0	30	30	
SUM		SUM				TOTAL	TOTAL			TOTAL	TOTAL		FOR THE MONTH:			TOTAL	%	SUM	SUM		
2589		1358				42	64			0	0		42	SW	23987	FOR	75				
AVG.		AVG.		AVG.	DEP.	AVG.	DEP.	PRECIPITATION	DEP.				DATE	18	POSSIBLE	MONTH	AVG.	AVG.			
85.6		49.3		65.5	0.3	40	-24	0	-0.56						26644	80	2.5				
NUMBER OF DAYS		TOTAL		TOTAL		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW.											
3		90		90		3		PRECIPITATION		SNOW, ICE PELLETS											
3		0		1		0		-877		-34		CLEAR 20		PARTLY CLOUDY 7		CLOUDY 3					

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
T TRACE AMOUNT  
+ ALSO ON AN EARLIER DATE, OR DATES.  
HEAVY FOG: - VISIBILITY 1/4 MILE OR LESS.  
FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.  
DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS. FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.  
ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

STATION PRESSURE MISSING FOR HOURS 0458-1658 ON JUNE 10TH.

SUMMARY BY HOURS

HOUR LOCAL TIME	SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE				RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.
			AIR °F	WET BULB °F	DEW PT. °F	PEAK GUST M.P.H.				
02		24.99	52							
05		25.01	47							
08		25.04	64							
11		25.03	78							
14		24.99	84							
17		24.95	83							
20		24.94	72							
23		24.98	58							

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	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
1																								
2																								
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								
17																								
18																								
19																								
20																								
21																								
22																								
23																								
24																								
25																								
26																								
27																								
28																								
29																								
30																								



MONTHLY SUMMARY



LATITUDE 38° 26' N LONGITUDE 113° 01' W ELEVATION (GROUND) 5028 FT. STANDARD TIME USED: MOUNTAIN WBAN #23176

JULY 1978

MILFORD, UTAH

DATE	TEMPERATURE °F				DEGREE DAYS BASE 65°		WEATHER TYPES ON DATES OF OCCURRENCE	SNOW-ICE PELLETS OR ICE ON GROUND AT 11AM IN.	PRECIPITATION		AVG. STATION PRESSURE IN.	WIND			SUNSHINE		SKY COVER TENTHS		DATE			
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING (SEASON BEGINS WITH JULY)			COOLING (SEASON BEGINS WITH JUN.)	WATER EQUIVA- LENT IN		SNOW-ICE PELLETS IN.	RESULTANT DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE	MINUTES	PERCENT OF POSSIBLE		SUNSHINE TO SUNSET	MIDNIGHT TO MIDNIGHT	
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	91	44	68	-3		0	3		0	0	0	24.96				26	SW	884	100	3		1
2	89	50	70	-2		0	5		0	0	0	24.89				34	SW	888	100	0		2
3	86	45	66	-6		0	0		0	0	0	24.84				37	SW	887	100	0		3
4	85	42*	64*	-8		1	1		0	0	0	24.94				17	SW	863	97	0		4
5	88	43	66	-6		0	1		0	0	0	24.95				27	N	736	83	2		5
6	88	43	66	-7		0	1		0	0	0	25.00				11	SE	849	96	1		6
7	91	43	67	-6		0	2		0	0	0	24.98				31	SW	884	100	0		7
8	93	51	72	-1		0	7		0	0	0	25.04				24	W	883	100	0		8
9	93	48	71	-2		0	6		0	0	0	25.03				19	SW	882	100	0		9
10	94	54	74	0		0	9		0	0	0	24.97				30	SW	867	98	1		10
11	92	56	74	0		0	6		0	0	0	24.93				35	SW	880	100	0		11
12	92	51	72	-2		0	7		0	0	0	24.97				24	SW	824	94	1		12
13	98	46	72	-2		0	7		0	0	0	25.05				17	S	875	100	0		13
14	98	53	76	2		0	11		0	0	0	25.08				24	SW	439	50	0		14
15	99	61	80	0		0	15		0	0	0	25.03				22	SW	671	77	0		15
16	97	63	80	0		0	15		0	0	0	24.96				28	SW	730	84	4		16
17	81	60	71	-4		0	10		0	0	0	24.99				27	SW	383	44	0		17
18	94	59	75	0		0	10		0	0	0	24.99				27	SW	770	88	2		18
19	96	57	77	2		0	12		0	0	0	24.98				25	SW	870	100	1		19
20	97	59	78	3		0	13		0	0	0	24.92				27	SW	866	100	2		20
21	88	53	71	-4		0	6		0	0	0	25.04				16	NE	867	100	0		21
22	94	46	70	-6		0	5		0	0	0	25.05				16	N	866	100	0		22
23	98	49	74	-2		0	9		0	0	0	25.03				16	SW	848	98	2		23
24	99	55	77	1		0	12		0	0	0	25.04				32	E	797	92	2		24
25	99	63	81*	5		0	16		0	0	0	25.10				28	SW	700	81	3		25
26	99	58	79	3		0	14		0	0	0	25.08				38	SE	611	71	5		26
27	96	63	80	4		0	15		0	0	0	25.01				31	S	539	63	9		27
28	94	57	76	0		0	11		0	0	0	25.07				34	SW	507	59	5		28
29	94	52	73	-3		0	8		0	0	0	25.08				12	S	673	79	3		29
30	101*	57	79	4		0	14		0	0	0	25.03				11	N	667	78	4		30
31	98	60	79	4		0	14		0	0	0	24.96				26	NH	561	66	4		31
SUM	SUM					TOTAL	TOTAL		TOTAL	TOTAL		FOR THE MONTH:				TOTAL	%	SUM	SUM			
2902	1637					1	264		NUMBER OF DAYS	.46	0	25.00				38	SE	23567	73			
AVG.	AVG.	AVG.	DEP.	AVG.	DEP.				PRECIPITATION							DATE	26	POSSIBLE MONTH	AVG.	AVG.		
93.6	52.8	73.2	-1.1			1	-24		6	-0.05								27044	87	2.4		
SEASON TO DATE																						
NUMBER OF DAYS																						
MAXIMUM TEMP. MINIMUM TEMP.																						
THUNDERSTORMS																						
PRECIPITATION																						
SNOW-ICE PELLETS																						
GREATEST IN 24 HOURS AND DATES																						
GREATEST DEPTH ON GROUND OF SNOW																						
ICE PELLETS OR ICE AND DATE																						
HEAVY FOG																						
CLEAR 22 PARTLY CLOUDY 7 CLOUDY 2																						

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.  
† TRACE AMOUNT  
\* ALSO ON AN EARLIER DATE, OR DATES.  
HEAVY FOG: - VISIBILITY 1/4 MILE OR LESS.  
FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.  
DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.  
FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.  
ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

SUMMARY BY HOURS

HOUR	LOWEST WIND SPEED COVER TENTHS	AVERAGES						RESULTANT WIND	
		STATION PRESSURE IN.	TEMPERATURE		RELATIVE HUMIDITY %	WIND SPEED M.P.H.	DIRECTION	SPEED M.P.H.	
		AIR °F	WET BULB °F	DEW PT. °F					
02		25.00	59						
05		25.02	55						
08		25.05	70						
11		25.06	88						
14		24.99	92						
17		24.96	88						
20		24.95	77						
23		24.99	67						

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A. M. HOUR ENDING AT												P. M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																								1	
2																								2	
3																								3	
4																								4	
5																								5	
6																								6	
7																								7	
8																								8	
9																								9	
10																								10	
11																								11	
12																								12	
13																								13	
14																								14	
15																								15	
16																								16	
17																								17	
18																								18	
19																								19	
20																								20	
21																								21	
22																								22	
23																								23	
24																								24	
25																								25	
26																								26	
27																								27	
28																								28	
29																								29	
30																								30	
31																								31	







# LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

1969

MILFORD, UTAH

## NARRATIVE CLIMATOLOGICAL SUMMARY

Milford is located in Beaver County in the west-central portion of the State. The City is situated in a flat to gently sloping valley 15 to 20 miles in width. The Mineral Mountains, 10 miles to the east of the station, and the San Francisco Range, 15 miles to the northwest, rise about 5,000 feet above the valley floor.

The station is in the Sevier River Basin, and drainage is toward the north. The Beaver River just to the east extends north-south through the valley, but no significant body of water is reached by it. The river is dry most of the time due to the low annual rainfall in the area, and to the Minersville Reservoir 6 miles east of Minersville, which regulates the flow of water in the stream. Water for the irrigation of agricultural land in the valley is obtained from the diversion of surface water from this reservoir and from numerous deep wells.

The climate is temperate and dry. The average annual precipitation is between 8 and 9 inches, and except for the irrigated land in the valley, vegetation is of the mid-latitude steppe type. Only one month, March, has a normal precipitation amount greater than one inch. Irrigation water is necessary for the economic production of most crops.

Snowfall is rather evenly distributed during the season. The snow is usually light and powdery with below average moisture content. January, the coldest month of the year, has the greatest average monthly total.

Relative humidity is rather low during the summer months. It increases considerably in the change from summer to winter, and winters are cold and uncomfortable.

Summers are characterized by warm days and cool

nights. Temperatures of 100° or more occur about once in every two years. July is the hottest month with maximum temperatures on most days above 90°.

In four out of five years the temperature can be expected to drop to 10° below zero or lower; 28° below zero is the lowest reading ever observed at the station; the coldest ever recorded in the State is 50° below.

The average growing season is 128 days, rather short for a station near latitude 38° and at an altitude of 5,028 feet. This is due, in part, to the mid-latitude steppe type of climate which normally allows strong radiational cooling during the nighttime hours. The average date of the last freezing temperature, 32° or lower, in the spring is May 21, and the average date of the first freezing temperature in the fall is September 26.

The longest and shortest growing seasons on record are 179 and 80 days, respectively. Considering long-term record, freezing temperatures have occurred as early as August 9, and as late as June 21.

Diurnal heating is a factor in producing strong southerly winds during the spring and summer months. Winter winds may cause considerable drifting snow, with resultant hazards to stock and transportation in the area.

Low pressure storm systems are rare during the summer months. Precipitation during this period occurs as showers or thundershowers and rainfall amounts from these storms are quite variable. As winter approaches, the number of atmospheric disturbances increases, reaching a maximum in the spring of the year.



#1932	17.2	32.0	41.1	47.8	56.5	67.4	75.2	73.1	61.4	50.4	32.7	20.2	49.3
1933	23.8	21.0	41.0	43.8	50.0	68.3	76.4	69.6	65.4	56.7	37.7	36.9	49.0
1934	30.7	39.6	47.7	53.4	60.2	62.6	74.4	74.0	61.2	51.8	40.8	28.8	51.1
1935	30.2	35.4	37.5	47.4	51.6	66.2	71.6	72.7	64.3	48.0	33.0	26.4	48.7
1936	29.0	35.0	39.8	50.1	57.4	67.8	72.0	69.4	58.0	49.5	35.8	30.0	49.5
1937	29.0	28.1	31.4	47.8	57.0	64.6	75.4	74.3	66.2	51.6	41.3	30.0	49.2
1938	30.4	32.5	39.8	48.5	54.5	66.1	72.1	73.8	64.0	49.8	36.2	49.5	49.5
1939	25.9	20.6	42.8	52.0	60.0	67.5	75.8	75.4	63.8	49.8	40.7	36.2	50.9
1940	31.8	35.6	42.6	50.0	63.1	71.4	76.4	64.4	53.0	35.1	30.0	52.5	48.7
1941	32.4	39.2	41.0	44.0	59.3	64.0	73.0	70.1	58.6	46.2	38.6	31.6	49.8
1942	29.8	31.2	32.8	47.9	53.6	65.4	76.8	72.6	62.6	51.2	37.8	32.4	49.3
1943	29.0	29.0	32.8	51.8	56.4	67.2	74.2	76.2	67.2	52.2	39.0	29.4	51.1
1944	18.2	24.5	34.1	44.2	55.8	61.5	73.0	72.8	63.8	36.8	26.8	47.3	47.3
1945	27.8	34.0	37.0	42.6	57.0	61.1	73.8	71.9	61.0	53.4	37.0	26.4	48.6
1946	22.5	28.4	40.6	52.4	56.6	69.0	76.2	75.2	63.8	45.5	35.8	37.4	50.0
#1947	19.2	38.2	43.2	47.6	59.8	62.7	72.6	72.0	62.8	53.1	31.2	27.4	49.2
1948	28.8	29.0	31.5	48.1	55.8	63.8	73.0	71.0	64.0	49.7	33.7	23.8	47.5
1949	21.2	36.0	39.8	48.4	53.9	63.9	72.9	70.9	61.8	55.8	42.2	31.6	49.9
1950	26.8	32.9	36.6	48.3	56.9	64.5	71.3	64.1	48.8	34.5	27.2	48.6	48.6
1951	24.4	28.4	34.3	48.3	58.1	65.2	73.7	74.8	64.4	54.9	32.5	30.7	49.1
1952	37.6	29.7	40.4	46.2	50.2	65.9	76.6	71.3	65.6	49.1	41.8	23.4	49.8
1953	30.4	35.6	36.7	51.5	59.4	64.8	75.5	70.1	63.6	51.3	39.2	28.0	50.6
1954	19.4	18.9	37.9	45.1	54.9	64.3	73.4	63.1	51.8	37.1	35.0	47.9	47.9
1955	36.2	24.5	40.0	47.5	59.3	69.5	74.0	71.1	66.3	50.2	30.8	27.5	49.7
1956	29.7	36.2	41.7	47.2	53.7	66.3	73.7	73.3	61.4	49.7	31.2	32.0	49.4
1957	20.7	39.4	35.8	44.3	59.7	67.5	72.5	75.4	63.3	52.0	33.7	34.6	50.4
1958	31.3	31.3	39.0	49.5	54.6	70.0	75.8	72.7	60.4	50.3	37.6	28.1	50.0
1959	21.0	29.4	43.2	48.8	55.8	70.0	76.4	72.3	66.9	50.5	39.6	28.6	50.3
1960	26.6	35.9	38.7	46.8	56.7	70.8	72.9	57.8	48.0	33.3	28.4	49.3	49.3
1961	19.3	31.8	34.4	50.6	54.7	64.0	70.9	71.5	64.1	52.1	41.2	27.4	48.5
1962	22.7	37.2	37.5	44.1	60.2	63.4	73.5	66.0	56.3	38.9	26.1	50.0	50.0
1963	24.2	25.7	32.6	44.9	54.3	63.3	75.1	71.8	60.1	53.5	31.6	32.7	47.5
1964	31.6	30.9	37.2	47.4	52.8	61.8	72.2	69.9	56.3	49.9	42.3	29.1	48.6
1965	21.9	28.9	38.6	47.6	59.8	66.1	74.9	73.4	64.1	49.3	41.5	26.0	49.6
1966	24.1	33.6	42.5	42.8	54.4	62.1	75.7	75.7	64.2	52.3	41.8	19.6	48.8
1967	24.1	39.3	41.9	42.7	54.6	67.2	74.3	67.9	61.0	50.9	37.9	25.2	48.6
1968	33.0	32.4	39.1	48.2	61.2	63.1	74.9	77.1	66.7	44.1	36.0	31.8	50.3
1969													
RECORD													
MEAN	25.4	32.0	35.4	47.8	56.7	65.5	74.3	72.2	62.4	50.3	37.2	28.0	49.3
MAX	38.0	44.5	51.8	63.5	73.7	84.1	92.5	89.9	81.3	68.0	52.5	41.2	65.3
MIN	12.7	19.5	25.0	32.9	39.6	46.9	56.0	54.4	43.5	32.5	21.8	14.7	33.2

#1931-32	0	0	140	587	1062	1477	1207	830	773	428	262	12	6778
1932-33	0	0	138	437	969	1391	1480	957	741	518	246	116	6993
1933-34	5	25	117	513	711	1429	1271	1232	744	634	463	28	7258
1934-35	0	9	40	319	820	884	1063	710	533	346	140	108	4975
1935-36	1	0	149	410	728	1123	1077	828	853	527	417	55	6168
1936-37	12	0	87	528	959	1197	1115	869	783	447	243	83	6323
1937-38	18	14	220	480	876	1059	1797	1033	732	552	143	101	7025
1938-39	1	0	56	417	712	992	1066	911	780	496	328	46	5805
1939-40	2	2	17	631	1098	1072	1211	1242	688	384	177	48	6372
1940-41	0	0	83	473	729	922	1029	853	694	450	78	29	5340
1941-42	0	0	67	371	897	1085	1008	722	744	632	183	92	5801
1942-43	0	6	200	583	794	1037	1213	1030	873	514	361	60	6671
1943-44	0	4	117	429	814	1004	1113	934	753	342	279	152	5941
1944-45	0	6	24	366	778	1083	1453	1110	957	626	283	129	6815
1945-46	0	0	78	345	846	1123	1153	869	869	674	249	148	6354
1946-47	0	5	191	360	842	1196	1367	1024	757	376	262	12	6392
1947-48	0	0	112	622	876	977	1420	752	674	521	175	100	6229
1948-49	4	0	114	369	1014	1165	1147	1071	873	509	285	69	6620
1949-50	3	0	96	474	941	1275	1803	1410	874	603	271	77	7627
1950-51	0	1	60	538	678	1302	1351	805	775	492	346	90	6438
1951-52	0	0	147	276	681	1026	1181	894	856	497	264	93	5935
1952-53	0	1	67	496	907	1303	1252	1057	947	492	212	38	6772
1953-54	0	0	87	305	967	1058	842	980	754	557	452	54	6056
1954-55	0	-4	32	483	689	1238	1051	821	872	598	185	101	5919
1955-56	0	2	94	418	768	1183	1405	1285	832	390	307	83	6922
1956-57	0	0	140	404	832	923	886	1167	771	519	189	15	5847
1957-58	0	0	53	453	1017	1157	1202	802	716	531	47	68	6346
1958-59	0	9	127	471	1006	993	1181	709	897	613	184	34	6224
1959-60	0	0	131	399	930	936	1040	935	796	459	316	21	5963
1960-61	0	0	182	450	814	1136	1358	1026	669	479	264	6	6384
1961-62	0	14	31	442	756	1121	1184	808	809	540	252	34	5991
1962-63	0	0	223	519	945	1126	1407	924	841	425	310	67	6917
1963-64	0	12	68	391	806	1227	1205	876	843	619	149	81	6112
1964-65	0	4	29	265	776	1201	1258	1137	997	596	325	104	6692
1965-66	0	29	147	355	996	995	1029	949	855	523	374	109	6361
1966-67	0	3	264	399	674	1103	1239	1005	811	516	161	58	6233
1967-68	0	7	75	478	700	1205	1354	872	688	662	336	131	6508
1968-69	1	15	179	429	806	1227	983	907	720	660	322	65	6327
1969-70	1	0	32	637	863	1022			499	125	87	6198	6198

### TOTAL PRECIPITATION

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1931	0.14	0.62	0.57	0.55	1.18	0.65	0.07	0.67	T	0.31	1.26	0.93	6.95
#1932	0.59	1.27	0.71	1.02	0.49	0.84	1.96	1.87	0.34	0.30	T	1.04	10.12
1933	0.51	0.16	1.44	1.06	1.18	T	0.45	0.23	0.23	0.30	0.36	0.83	6.75
1934	0.22	0.99	0.41	0.56	0.02	0.31	2.62	0.26	0.06	0.20	0.53	0.19	6.37
1935	0.41	0.30	1.74	1.10	1.29	0.00	1.36	1.30	0.35	0.05	0.21	1.16	9.27
1936	0.26	1.30	0.96	0.14	0.15	0.54	2.85	1.20	0.19	0.94	0.20	0.79	9.52
1937	1.24	0.47	1.46	0.10	1.04	0.21	2.07	0.26	0.69	0.21	0.21	0.98	8.94
1938	0.57	1.61	1.44	0.39	1.24	0.34	0.24	0.69	0.29	0.85	0.30	0.98	8.94
1939	0.37	0.25	0.29	0.16	0.34	0.21	0.63	2.18	0.57	0.05	0.04	5.26	8.06
1940	0.20	0.50	0.25	0.28	T	0.28	0.27	0.19	1.58	0.87	0.37	0.71	5.50
1941	0.10	1.09	1.58	1.92	1.05	0.33	0.28	0.36	1.04	3.75	0.28	1.44	13.22
1942	0.12	0.48	0.87	1.22	0.35	T	0.40	1.88	1.17	0.57	0.89	1.30	7.21
1943	0.67	1.24	1.22	0.48	0.13	0.84	T	0.52	0.61	0.65	0.51	0.43	8.26
1944	1.44	0.69	1.48	1.10	1.16	0.70	0.01	0.64	0.13	0.10	0.31	0.30	8.06
1945	0.31	0.60	2.64	0.69	0.69	0.52	1.27	0.96	0.04	0.90	0.32	0.55	9.49
1946	0.58	0.32	0.84	1.00	0.75	0.00	0.30	0.49	T	3.75	2.05	1.05	11.13
#1947	0.26	0											

Location	Occupied from	Occupied to	Airline distance and direction from previous location	Latitude		Longitude	Sea level	Wind instruments	Extreme thermometers	Psychrometer	Telepsychrometer	Tipping bucket rain gage	Weighing rain gage	8" rain gage	Hygrothermometer	Pyranometer	Remarks
				North	West		Ground at temperature site										
<u>COOPERATIVE</u>																	
W. W. Hall Residence	11- 6-06	12-31-06		38° 24'	113° 01'	-	-	-	-	-	-	-	-	-	-	-	
Lou Manners Observer	8-18-07	12-31-07	-	38° 24'	113° 01'	-	-	-	-	-	-	-	-	-	-	-	
C. M. Temple Residence	1- 1-08	6-30-10	-	38° 24'	113° 01'	4962	5	5	-	-	-	-	-	-	-	-	
J. C. Manual Observer	7- 1-10	5-30-11	-	38° 24'	113° 01'	-	-	-	-	-	-	-	-	-	-	-	
H. F. Aller Observer	6- 1-11	7-31-11	-	38° 24'	113° 01'	-	-	-	-	-	-	-	-	-	-	-	
F. J. Boudreau Observer	8- 1-11	9-30-13	-	38° 24'	113° 01'	-	-	-	-	-	-	-	-	-	-	-	
J. W. Evans Observer	10- 1-13	5-31-14	-	38° 24'	113° 01'	-	-	-	-	-	-	-	-	-	-	-	
John Krall Observer	5-31-14	12-31-15	-	38° 24'	113° 01'	-	-	-	-	-	-	-	-	-	-	-	
Charles Beard Residence (2 Blocks S. of P. O.)	1- 1-16	Oct 1930	-	38° 24'	113° 01'	4962	5	5	-	-	-	-	-	-	-	-	
Charles Beard Residence	Oct 1930	9-30-36	100 Ft. W	38° 24'	113° 01'	4962	5	5	-	-	-	-	-	-	-	-	
<u>AIRPORT STATION</u>																	
CAA Station (1 mi. W of Intermediate Landing Field 1-1/2 mi. NW of PO)	4- 6-32	7-25-47	2 mi. WNW	38° 25'	113° 02'	5091	40	5	5	-	-	-	b6	a6	-	-	a - Added about 1937. b - Added 11-21-40.
FAA Station (Intermediate Landing Field 1.6 miles N. of P. O.) Milford Airport	7-25-47	Present	2 mi. NE	38° 26'	113° 01'	5028	c26	5	5	-	-	-	5	4	-	-	CAA 7-25-47 to 7-23-48; WBAS-CAA 7-23-48 to 2-1-52; WBAS 2-1-52 to present. c - 24 feet to 7-14-49.

Requests for additional information should be directed to the Weather Bureau Office for which this summary was issued.

Sale Price: 15 cents per copy. Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding this publication should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402



# MILFORD, UTAH

1970

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

## NARRATIVE CLIMATOLOGICAL SUMMARY

Milford is located in Beaver County in the west-central portion of the State. The City is situated in a flat to gently sloping valley 15 to 20 miles in width. The Mineral Mountains, 10 miles to the east of the station, and the San Francisco Range, 15 miles to the northwest, rise about 5,000 feet above the valley floor.

The station is in the Sevier River Basin, and drainage is toward the north. The Beaver River just to the east extends north-south through the valley, but no significant body of water is reached by it. The river is dry most of the time due to the low annual rainfall in the area, and to the Minersville Reservoir 6 miles east of Minersville, which regulates the flow of water in the stream. Water for the irrigation of agricultural land in the valley is obtained from the diversion of surface water from this reservoir and from numerous deep wells.

The climate is temperate and dry. The average annual precipitation is between 8 and 9 inches, and except for the irrigated land in the valley, vegetation is of the mid-latitude steppe type. Only one month, March, has a normal precipitation amount greater than one inch. Irrigation water is necessary for the economic production of most crops.

Snowfall is rather evenly distributed during the season. The snow is usually light and powdery with below average moisture content. January, the coldest month of the year, has the greatest average monthly total.

Relative humidity is rather low during the summer months. It increases considerably in the change from summer to winter, and winters are cold and uncomfortable.

Summers are characterized by warm days and cool

nights. Temperatures of 100° or more occur about once in every two years. July is the hottest month with maximum temperatures on most days above 90°.

In four out of five years the temperature can be expected to drop to 10° below zero or lower; 28° below zero is the lowest reading ever observed at the station; the coldest ever recorded in the State is 50° below.

The average growing season is 128 days, rather short for a station near latitude 38° and at an altitude of 5,028 feet. This is due, in part, to the mid-latitude steppe type of climate which normally allows strong radiational cooling during the nighttime hours. The average date of the last freezing temperature, 32° or lower, in the spring is May 21, and the average date of the first freezing temperature in the fall is September 26.

The longest and shortest growing seasons on record are 179 and 80 days, respectively. Considering long-term record, freezing temperatures have occurred as early as August 9, and as late as June 21.

Diurnal heating is a factor in producing strong southerly winds during the spring and summer months. Winter winds may cause considerable drifting snow, with resultant hazards to stock and transportation in the area.

Low pressure storm systems are rare during the summer months. Precipitation during this period occurs as showers or thundershowers and rainfall amounts from these storms are quite variable. As winter approaches, the number of atmospheric disturbances increases, reaching a maximum in the spring of the year.

# METEOROLOGICAL DATA FOR THE CURRENT YEAR

Station: MILFORD, UTAH      MILFORD AIRPORT      Standard time used: MOUNTAIN      Latitude: 38° 26' N      Longitude: 113° 01' W      Elevation (ground): 5028 feet

Month	Temperature							Degree days (Base 65°)		Precipitation						Relative humidity				Wind &					Number of days									
	Averages				Extremes			Heating	Cooling	Total	Snow, Ice pellets			Hour 05	Hour 11	Hour 17	Hour 23	Resultant		Fastest mile			Percent of possible sunshine	Average sky cover sunrise to sunset	Sunrise to sunset			Precipitation 0.1 inch or more	Snow, ice pellets 1.0 inch or more	Thunderstorms	Heavy fog	Temperatures		
	Daily maximum	Daily minimum	Monthly	Highest	Date	Lowest	Date				Greatest in 24 hrs.	Date	Total					Greatest in 24 hrs.	Date	Direction	Speed	Average speed			Speed	Direction	Date					Clear	Partly cloudy	Cloudy
	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year
JAN	44.4	17.6	31.0	62	26	-10	6	1047	0	0.23	0.16	14-15	0.8	0.8	4	56								6.6	9	4	18	5	0	0	0	5	28	
FEB	53.0	22.6	37.8	65	11	9	3	755	0	0.35	0.21	13-14	1.6	0.7	14	50								6.5	6	8	14	5	0	0	0	25		
MAR	51.1	22.9	37.0	70	24	9	28	861	0	0.86	0.25	28-29	10.8	2.7	2	48								6.0	9	8	14	11	5	0	0	27		
APR	57.5	25.9	41.7	75	10	12	4	689	0	1.09	0.36	17-18	6.5	3.8	30	32								5.5	10	9	11	8	5	0	0	25		
MAY	75.7	38.5	57.1	89	17	24	2	244	7	0.08	0.23	30-1	1.1	3.8	30-1	22								4.5	12	12	7	1	1	0	0	5		
JUN	84.6	47.5	66.1	105	26	33	11	86	124	0.28	0.17	9-10	0.0	0.0		24								3.8	18	4	8	4	1	10	0	0		
JUL	92.7	57.5	75.1	101	18	41	1	0	322	1.38	0.53	24	0.0	0.0		27								4.3	15	12	4	10	0	0	0	0		
AUG	92.8	59.0	75.9	101	11+	50	22	0	347	0.76	0.66	4	0.0	0.0		31								4.4	13	11	7	4	0	0	0	0		
SEP	77.5	40.8	59.2	92	1	28	26	215	46	1.33	1.33	5	0.0	0.0		26								1.6	24	5	1	1	4	0	0	8		
OCT	63.0	28.9	46.0	82	3	8	28	583	0	0.27	0.15	6-7	1.3	0.8	26	32								4.5	12	11	5	5	0	0	0	18		
NOV	53.8	26.2	40.0	64	24+	11	15	746	0	0.74	0.34	25-26	0.3	0.5	30	49								7.1	7	5	8	8	0	0	0	21		
DEC	42.7	17.5	30.1	60	8	3	26	1072	0	0.43	0.26	9	3.9	2.4	9	68								4.6	14	9	8	4	2	0	3	30		
YEAR	65.7	33.7	49.7	105	26	-10	JAN. 6	6298	846	7.82	1.33	SEP. 5	26.7	3.8	30-1	39								5.0	149	98	118	64	10	61	8	187		

## NORMALS, MEANS, AND EXTREMES

Month	Temperature							Precipitation										Relative humidity				Wind &					Mean number of days										
	Normal				Extremes			Normal heating degree days (Base 65°)	Normal total	Snow, Ice pellets			Mean total	Maximum monthly	Year	Minimum monthly	Year	Maximum in 24 hrs.	Year	Hour 05	Hour 11	Hour 17	Hour 23	Fastest mile		Pct. of possible sunshine	Mean sky cover sunrise to sunset	Sunrise to sunset			Precipitation 0.1 inch or more	Snow, ice pellets 1.0 inch or more	Thunderstorms	Heavy fog	Temperatures		
	Daily maximum	Daily minimum	Monthly	Record highest	Year	Record lowest	Year			Maximum monthly	Year	Minimum monthly												Year	Maximum in 24 hrs.			Year	Direction	Speed					Direction	Year	Clear
	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year		
(a)	(b)	(b)	(b)	22	22	22	(b)	(b)	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22		
J	37.1	12.1	24.6	65	1953	-28	1949	1252	0.57	1.63	1969	0.17	1968	0.87	1954	8.8	29.8	1949	11.8	1957	66	60															
F	42.2	17.2	29.7	73	1963	-27	1949	988	0.70	1.50	1962	0.19	1950	0.74	1953	7.3	15.9	1955	8.1	1953	63	54															
M	52.4	24.5	38.5	78	1956	-14	1965	822	1.03	1.83	1952	0.13	1955	1.16	1953	8.2	19.3	1969	10.4	1969	46	37															
A	63.6	31.8	47.7	87	1959	12	1970*	519	0.72	1.80	1964	0.02	1955	0.86	1953	4.0	16.0	1964	7.0	1964	34	28															
M	73.3	39.6	56.5	94	1967	18	1967	279	0.69	1.58	1951	T	1963	0.91	1954	0.8	3.9	1953	3.8	1970	28	23															
J	83.9	46.9	65.4	105	1970	30	1966	87	0.43	2.43	1967	T	1961+	1.04	1949	0.0	0.0																				
J	92.1	55.5	73.8	104	1960+	38	1964	0	0.70	1.42	1967	0.01	1958	1.24	1967	0.0	0.0																				
A	90.1	54.3	72.2	102	1958	34	1968	0	0.73	1.69	1955	0.03	1957+	0.78	1955	0.0	0.0																				
S	81.3	44.9	63.1	98	1950	24	1959	99	0.43	2.60	1967	T	1957+	1.33	1970	0.4	8.4	1965	6.7	1965	28	20															
O	67.1	34.2	50.7	90	1963	8	1970	443	0.77	1.82	1951	0.00	1952	1.20	1951	1.2	5.0	1951	5.0	1951	34	28															
N	51.3	20.9	36.1	76	1965	-13	1958	867	0.52	2.10	1963	0.06	1956	1.01	1963	4.1	14.0	1963	8.3	1964	50	46															
D	41.4	15.0	28.2	65	1958	-23	1968	1141	0.71	2.45	1966	0.05	1955	1.00	1949	6.7	27.4	1949	16.3	1949	65	60															
YR	64.7	33.1	48.9	105	JUN. 1970	-28	JAN. 1949	6497	8.00	2.60	SEP. 1967	0.00	OCT. 1952	1.33	SEP. 1970	41.5	29.8	JAN. 1949	16.3	DEC. 1949	41	35															

Means and extremes above are from existing and comparable exposures. Annual extremes have been exceeded at other sites in the locality as follows:  
Lowest temperature -34 in January 1937; maximum monthly precipitation 3.75 in October 1946 and earlier; maximum precipitation in 24 hours 1.92 in October 1916.

- (a) Length of record, years, based on January data. Other months may be for more or fewer years if there have been breaks in the record.  
(b) Climatological standard normals (1931-1960).  
+ Less than one half.  
\* Also on earlier dates, months, or years.  
T Trace, an amount too small to measure.  
Below zero temperatures are preceded by a minus sign.  
The prevailing direction for wind in the Normals, Means, and Extremes table is from records through 1963.  
‡ ≥ 70° at Alaskan stations.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in degrees F.; precipitation, including snowfall, in inches; wind movement in miles per hour; and relative humidity in percent. Heating degree day totals are the sums of negative departures of average daily temperatures from 65° F. Cooling degree day totals are the sums of positive departures of average daily temperatures from 65° F. Sleet was included in snowfall totals beginning with July 1948. The term "Ice pellets" includes solid grains of ice (sleet) and particles consisting of snow pellets encased in a thin layer of ice. Heavy fog reduces visibility to 1/4 mile or less.  
Sky cover is expressed in a range of 0 for no clouds or obscuring phenomena to 10 for complete sky cover. The number of clear days is based on average cloudiness 0-3, partly cloudy days 4-7, and cloudy days 8-10 tenths.

Solar radiation data are the averages of direct and diffuse radiation on a horizontal surface. The langley denotes one gram calorie per square centimeter.

& Figures instead of letters in a direction column indicate direction in tens of degrees from true, i.e., 09=East, 18=South, 27=West, 36=North, and 00=Calm. Resultant wind is the vector wind directions and speeds divided by the number of observations. If figures appear in the column under "Fastest mile" the corresponding speeds are fastest observed 1-minute values.

% Through 1964. The station did not operate 24 hours daily. Fog at thunderstorm data may be incomplete.

§ Through 1966.

	Year												Annual	Season												Total		
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June			
1931	26.0	35.4	40.1	47.8	56.5	67.8	76.2	73.5	61.4	50.9	32.7	20.2	49.3	#1931-32	0	0	138	437	969	1391	1480	957	741	518	246	116	6993	
#1932	17.2	32.5	41.1	47.8	57.0	65.4	72.9	70.5	61.0	48.4	40.3	17.0	47.8	1932-33	5	25	117	513	741	1489	1277	1232	744	634	463	28	7268	
1933	23.8	21.0	41.0	50.8	50.0	67.8	69.6	65.6	65.6	37.7	37.7	66.5	49.0	1933-34	0	9	46	163	319	1053	710	846	346	140	170	49	4975	
1934	30.7	39.6	47.7	53.4	60.2	62.6	74.4	74.0	61.2	51.8	40.8	28.8	52.1	1934-35	1	0	149	410	728	1123	1077	928	853	527	417	95	6168	
1935	30.2	35.4	37.5	47.4	51.6	62.6	71.6	72.7	64.3	48.0	30.0	26.4	48.7	1935-36	12	0	87	528	959	1197	1115	869	783	447	243	83	6323	
1936	29.0	35.0	39.8	50.1	57.4	67.6	72.0	69.4	58.0	49.5	35.8	30.8	49.5	1936-37	18	14	220	480	876	1059	1797	1033	732	552	143	101	7025	
1937	17.4	28.1	41.4	46.6	60.9	64.8	75.4	74.3	66.2	51.6	41.3	33.0	49.2	1937-38	1	0	56	417	712	992	1066	911	780	490	328	46	5805	
1938	10.6	32.5	39.8	48.5	54.5	66.1	72.1	73.0	65.6	51.1	28.4	30.0	49.5	1938-39	2	2	17	431	1018	1072	1211	1242	688	386	177	48	6372	
1939	25.9	20.6	42.8	52.2	40.0	67.8	75.8	75.2	65.7	45.8	37.8	21.2	48.9	1939-40	0	0	83	473	729	922	1029	853	694	450	78	29	5340	
1940	31.8	35.6	42.6	50.0	63.1	71.4	76.4	76.4	64.4	53.0	35.1	30.0	52.5	1940-41	0	0	67	371	897	1085	1008	722	744	632	183	92	5801	
1941	32.4	39.2	41.0	44.0	59.3	64.0	73.0	70.1	58.6	46.2	38.6	31.6	49.8	1941-42	0	6	200	583	794	1037	1213	1030	873	514	361	60	6671	
1942	25.9	28.2	36.8	47.9	53.6	65.4	76.6	72.6	62.6	51.2	37.8	32.6	49.3	1942-43	0	4	117	429	814	1004	1113	934	753	342	279	152	5941	
1943	29.1	31.6	40.7	53.6	57.0	62.6	75.4	74.2	67.2	59.2	39.0	29.9	49.1	1943-44	0	6	24	366	778	1083	1453	1101	957	626	283	129	6815	
1944	18.2	24.5	34.1	44.2	55.8	61.5	73.0	72.8	69.8	59.8	36.8	28.8	47.3	1944-45	0	0	78	345	846	1123	1153	819	869	674	249	148	6354	
1945	27.8	34.0	37.0	42.6	57.0	61.1	73.8	71.9	61.0	59.4	37.0	26.4	48.6	1945-46	0	5	191	360	842	1196	1367	1024	757	376	262	12	6392	
1946	22.5	28.4	40.6	52.4	56.6	69.0	76.2	75.2	63.8	45.5	35.8	33.4	50.0	#1946-47	0	0	112	622	876	977	1420	752	674	521	175	100	6229	
#1947	19.2	38.2	43.2	47.6	59.8	62.7	72.6	72.0	62.8	59.1	31.2	27.4	49.2	1947-48	4	0	114	369	1014	1165	1147	1071	873	509	285	69	6620	
1948	28.0	28.0	31.5	48.1	55.8	63.8	73.0	71.0	64.0	49.7	33.7	23.8	47.5	1948-49	3	0	96	474	941	1275	1803	1410	874	403	271	77	7627	
1949	6.9	14.7	36.8	51.6	56.6	65.2	73.2	70.6	65.0	47.6	42.4	23.0	46.1	1949-50	0	1	60	538	678	1302	1351	805	775	492	346	90	6438	
1950	21.2	36.0	39.8	48.4	53.9	63.9	72.9	70.9	61.8	55.8	42.2	31.6	49.9	1950-51	0	0	147	276	681	1026	1181	894	876	497	264	93	5935	
1951	26.8	32.9	36.6	48.3	56.9	64.5	75.4	71.3	64.1	48.8	34.5	22.7	48.6	1951-52	0	0	147	276	681	1026	1181	894	876	497	264	93	5935	
1952	24.4	28.4	34.3	48.3	58.1	65.3	73.7	74.8	64.4	54.9	32.5	30.7	49.1	1952-53	0	1	87	305	667	1058	842	980	754	557	454	50	6056	
1953	37.6	29.7	40.4	46.2	50.3	65.9	76.6	71.3	65.6	49.1	41.8	23.4	49.8	1953-54	0	4	32	483	689	1283	1051	821	872	398	185	101	5919	
1954	30.9	35.4	36.7	51.6	59.4	64.8	70.1	69.6	51.3	39.2	28.0	50.6	49.6	1954-55	0	2	94	418	768	1138	1405	1285	832	590	307	83	6922	
1955	19.4	18.9	37.9	45.1	54.9	64.3	73.4	73.4	63.1	51.8	37.1	35.0	47.9	1955-56	0	0	140	404	832	923	886	1167	771	519	189	16	5847	
1956	36.2	24.5	40.0	47.5	59.3	69.5	74.0	71.1	66.3	50.2	30.8	27.5	49.7	1956-57	0	0	53	453	1017	1156	1203	902	716	531	347	68	6346	
1957	26.1	36.2	41.7	47.2	53.7	66.3	73.7	73.3	61.4	49.7	31.3	32.8	49.4	1957-58	0	9	28	271	1006	993	1181	709	897	513	326	34	6224	
1958	26.7	39.4	35.8	44.3	59.7	67.5	75.4	69.3	52.0	33.7	34.6	50.4	50.6	1958-59	0	0	131	399	930	936	1040	935	796	459	318	21	5963	
1959	31.3	31.4	39.0	49.5	54.6	70.0	75.8	72.7	60.4	50.3	37.6	28.1	50.0	1959-60	0	0	182	450	814	1136	1358	1026	669	479	264	6	6384	
1960	21.0	29.4	43.2	48.8	56.8	70.0	76.4	72.3	66.9	50.5	39.6	28.6	50.3	1960-61	0	14	31	442	756	1121	1184	808	809	540	252	34	5991	
1961	26.6	35.9	38.7	46.8	56.7	70.8	75.2	72.9	57.8	48.0	39.3	28.4	49.3	1961-62	0	0	223	519	945	1126	1407	924	941	425	210	97	6917	
1962	19.3	31.8	44.4	50.6	54.7	64.0	70.4	71.5	64.1	52.4	41.2	37.4	48.5	1962-63	4	12	67	392	707	1159	1305	774	843	613	149	81	6112	
1963	22.7	37.2	37.5	44.1	60.2	63.6	74.3	73.5	66.0	56.3	38.9	26.1	50.0	1963-64	0	4	28	271	776	1258	1151	709	897	513	326	34	6224	
1964	24.2	25.7	32.6	44.9	54.3	63.3	75.1	71.8	60.1	53.3	31.6	32.7	47.5	1964-65	0	29	147	355	996	995	1029	949	855	523	374	109	6361	
1965	31.6	30.9	37.2	47.4	52.8	61.8	72.2	69.9	56.3	51.9	42.3	29.1	48.6	1965-66	0	3	264	399	674	1103	1239	905	811	516	161	58	6233	
1966	24.9	28.9	38.6	47.6	59.8	66.1	74.9	73.4	64.1	49.3	41.5	26.0	49.6	1966-67	0	7	75	478	700	1205	1354	872	688	662	336	131	6508	
1967	21.1	35.6	42.5	42.8	54.4	62.1	75.3	75.7	64.2	52.9	41.8	19.6	48.8	1967-68	0	0	88	390	688	1403	1260	731	720	660	322	65	6327	
1968	28.1	36.1	41.5	42.7	57.2	67.2	74.3	67.9	61.0	50.9	37.9	25.2	48.9	1968-69	1	35	179	429	806	1227	983	907	920	499	125	87	6198	
1969	33.0	32.4	35.1	48.2	61.2	63.1	74.9	77.1	66.7	44.1	30.0	31.8	50.3	1969-70	0	0	32	637	863	1022	1047	755	861	689	244	86	6236	
1970	31.0	37.8	37.0	41.7	57.1	66.1	75.1	75.9	59.2	46.0	40.0	30.1	49.7	1970-71	0	0	215	583	746	1072								
RECORD MEAN	25.5	32.1	39.4	47.7	56.7	65.5	74.3	72.2	62.4	50.2	37.2	28.0	49.3															
MAX	38.1	44.6	53.8	63.4	73.8	84.1	92.3	89.2	81.2	67.9	52.5	41.2	65.3															
MIN	12.8	19.5	25.0	31.9	39.6	46.9	56.1	54.5	43.5	32.4	21.8	14.8	33.2															

## TOTAL PRECIPITATION

	Year												Annual	Season												Total		
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June			
1931	0.14	0.62	0.57	0.55	1.18	0.65	0.07	0.67	T	0.31	1.26	0.93	6.95	#1931-32	0.0	0.0	0.0	0.0	3.6	9.0	9.4	6.0	3.3	0.5	0.0	0.0	31.8	
#1932	0.58	1.27	0.71	0.72	0.46	0.84	1.96	1.87	0.34	0.33	T	1.04	10.12	1932-33	0.0	0.0	0.0	0.0	0.8	5.0	7.2	5.1	2.4	7.0	3.5	7.2	T	33.2
1933	0.51	0.16	1.44	1.06	1.18	T	0.45	0.23	0.23	0.30	0.36	0.83	6.75	1933-34	0.0	0.0	0.0	0.0	0.3	3.8	2.5	1.5	2.0	T	7.5	0.0	0.0	17.6
1934	0.22	0.99	0.41	0.56	0.02	0.31	2.62	0.26	0.06	0.20	0.53	0.19	6.37	1934-35	0.0	0.0	0.0	0.0	0.0	6.4	0.2	5.0	2.1	14.2	2.0	0.0	0.0	29.9
1935	0.41	0.30	1.74	1.10	1.29	0.00	1.36	1.30	0.35	0.05	0.21	1.16	9.27	1935-36	0.0	0.0	0.0	0.0	0.8	0.5	12.8	2.4	1.9	7.2	1.5	T	0.0	27.1
1936	0.26	1.30	0.96	0.14	0.15	0.54	2.85	1.20	0.19	0.94	0.20	0.79	9.52	1936-37	0.0	0.0	0.0	0.0	0.0	1.2	8.0	18.1						

Location	Occupied from	Occupied to	Airline distance and direction from previous location	Latitude North	Longitude West	Elevation above										Remarks	
						Sea level	Ground										Sea level
						Ground at temperature site	Wind instruments	Extreme thermometers	Psychrometer	Telepsychrometer	Tipping bucket rain gage	Weighing rain gage	8" rain gage	Hygrothermometer	Pyranometer		
<u>COOPERATIVE</u>																	
W. W. Hall Residence	11- 6-06	12-31-06		38° 24'	113° 01'	-											
Lou Manners Observer	8-18-07	12-31-07	-	38° 24'	113° 01'	-											
C. M. Temple Residence	1- 1-08	6-30-10	-	38° 24'	113° 01'	4962		5	5								
J. C. Manual Observer	7- 1-10	5-30-11	-	38° 24'	113° 01'	-											
H. F. Aller Observer	6- 1-11	7-31-11	-	38° 24'	113° 01'	-											
F. J. Boudreau Observer	8- 1-11	9-30-13	-	38° 24'	113° 01'	-											
J. W. Evans Observer	10- 1-13	5-31-14	-	38° 24'	113° 01'	-											
John Krall Observer	5-31-14	12-31-15	-	38° 24'	113° 01'	-											
Charles Beard Residence (2 Blocks S. of P. O.)	1- 1-16	Oct 1930	-	38° 24'	113° 01'	4962		5	5								
Charles Beard Residence	Oct 1930	9-30-36	100 Ft. W	38° 24'	113° 01'	4962		5	5								
<u>AIRPORT STATION</u>																	
CAA Station (1 mi. W of Intermediate Landing Field 1-1/2 mi. NW of PO)	4- 6-32	7-25-47	2 mi. WNW	38° 25'	113° 02'	5091	40	5	5			b6	a6				a - Added about 1937. b - Added 11-21-40.
FAA Station (Intermediate Landing Field 1.6 miles N. of P. O.) Milford Airport	7-25-47	Present	2 mi. NE	38° 26'	113° 01'	5028	c26	5	5			5	4				CAA 7-25-47 to 7-23-48; WBAS-CAA 7-23-48 to 2-1-52; WBAS 2-1-52 to present. c - 24 feet to 7-14-49.

Requests for additional information should be directed to the National Weather Service Office for which this summary was issued.

Sale Price: 15 cents per copy. Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding this publication should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402





# MILFORD, UTAH

1971

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

## NARRATIVE CLIMATOLOGICAL SUMMARY

Milford is located in Beaver County in the west-central portion of the State. The City is situated in a flat to gently sloping valley 15 to 20 miles in width. The Mineral Mountains, 10 miles to the east of the station, and the San Francisco Range, 15 miles to the northwest, rise about 5,000 feet above the valley floor.

The station is in the Sevier River Basin, and drainage is toward the north. The Beaver River just to the east extends north-south through the valley, but no significant body of water is reached by it. The river is dry most of the time due to the low annual rainfall in the area, and to the Minersville Reservoir 6 miles east of Minersville, which regulates the flow of water in the stream. Water for the irrigation of agricultural land in the valley is obtained from the diversion of surface water from this reservoir and from numerous deep wells.

The climate is temperate and dry. The average annual precipitation is between 8 and 9 inches, and except for the irrigated land in the valley, vegetation is of the mid-latitude steppe type. Only one month, March, has a normal precipitation amount greater than one inch. Irrigation water is necessary for the economic production of most crops.

Snowfall is rather evenly distributed during the season. The snow is usually light and powdery with below average moisture content. January, the coldest month of the year, has the greatest average monthly total.

Relative humidity is rather low during the summer months. It increases considerably in the change from summer to winter, and winters are cold and uncomfortable.

Summers are characterized by warm days and cool

nights. Temperatures of 100° or more occur about once in every two years. July is the hottest month with maximum temperatures on most days above 90°.

In four out of five years the temperature can be expected to drop to 10° below zero or lower; 28° below zero is the lowest reading ever observed at the station; the coldest ever recorded in the State is 50° below.

The average growing season is 128 days, rather short for a station near latitude 38° and at an altitude of 5,028 feet. This is due, in part, to the mid-latitude steppe type of climate which normally allows strong radiational cooling during the nighttime hours. The average date of the last freezing temperature, 32° or lower, in the spring is May 21, and the average date of the first freezing temperature in the fall is September 26.

The longest and shortest growing seasons on record are 179 and 80 days, respectively. Considering long-term record, freezing temperatures have occurred as early as August 9, and as late as June 21.

Diurnal heating is a factor in producing strong southerly winds during the spring and summer months. Winter winds may cause considerable drifting snow, with resultant hazards to stock and transportation in the area.

Low pressure storm systems are rare during the summer months. Precipitation during this period occurs as showers or thundershowers and rainfall amounts from these storms are quite variable. As winter approaches, the number of atmospheric disturbances increases, reaching a maximum in the spring of the year.



1934	30.7	21.0	41.0	43.8	50.0	58.3	74.7	68.0	61.6	48.4	40.3	17.0	47.6	5	25	117	513	741	1489	1277	1232	744	634	463	28	7268	
1934	30.7	21.0	47.7	53.4	60.2	62.5	74.4	74.0	61.3	51.8	37.7	26.5	49.0	0	9	40	319	820	884	1063	710	536	346	140	108	4975	
1935	30.2	35.4	37.5	47.4	51.6	66.2	71.6	72.7	64.3	48.0	33.0	25.8	52.1	0	0	149	410	728	1123	1077	828	833	527	417	55	6168	
1936	29.0	35.0	39.8	50.1	57.4	67.6	72.0	69.4	58.0	49.5	35.8	30.8	49.5	12	0	87	528	959	1197	1115	869	783	447	243	83	6323	
1937	7.0	28.1	41.4	46.6	60.9	64.8	75.4	74.3	66.2	51.6	41.3	33.0	49.2	18	14	220	480	876	1059	1797	1033	732	552	143	101	7025	
1938	30.4	32.5	39.8	48.3	54.5	66.1	72.1	73.0	66.6	51.1	28.4	30.4	50.9	0	0	56	417	712	992	1066	911	780	496	328	46	5805	
1939	25.9	29.0	42.8	48.3	60.0	67.5	75.8	75.8	63.8	49.8	40.7	30.2	49.5	2	2	17	431	1098	1072	1211	1242	688	384	177	48	6372	
1940	31.8	35.6	42.6	50.0	63.1	71.4	76.4	76.4	64.4	53.0	35.1	31.0	52.5	0	0	83	473	729	922	1029	853	694	450	78	29	5340	
1941	32.4	39.2	41.0	44.0	59.3	64.0	73.0	70.1	58.6	46.2	38.6	31.6	49.8	0	0	67	371	897	1085	1008	722	744	632	183	92	5801	
1942	25.9	28.2	36.8	47.9	53.6	65.4	76.6	72.6	62.6	51.2	37.8	32.6	49.3	0	0	112	622	876	977	1420	1024	757	376	262	12	6392	
1943	29.1	31.6	40.7	53.6	57.0	62.6	75.4	74.2	67.2	53.2	39.0	29.9	51.1	0	6	24	366	778	1083	1453	1110	957	642	283	129	6815	
1944	18.2	24.5	34.1	44.2	53.8	61.5	73.0	72.8	63.8	53.8	36.8	28.8	47.3	0	0	78	345	846	1123	1153	869	869	674	249	148	6354	
1945	27.8	34.0	37.0	42.6	57.0	61.1	73.8	71.9	61.0	53.4	37.0	28.4	48.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1946	22.5	28.4	40.6	52.4	56.6	69.0	76.2	75.2	63.8	45.5	35.8	33.4	50.0	0	5	191	360	842	1196	1367	1024	757	376	262	12	6392	
#1946-47	19.2	38.4	43.2	47.6	59.8	62.7	72.6	72.0	62.8	53.1	31.2	27.4	49.2	0	0	114	369	1014	1165	1147	1071	873	509	285	69	6820	
1948	28.0	28.0	31.5	48.1	55.8	63.8	73.0	71.0	64.0	49.7	33.7	23.8	47.5	0	0	96	474	941	1275	1803	1410	874	403	271	77	7627	
1949	6.8	14.7	36.8	51.6	56.6	65.2	73.0	70.6	65.0	47.6	42.4	23.0	46.1	0	1	60	538	678	1302	1351	805	775	492	346	90	6438	
1950	21.2	36.0	39.8	48.4	53.9	63.9	72.9	70.9	61.8	55.8	42.2	31.8	49.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1951	26.8	32.9	36.6	48.3	56.9	64.5	75.4	71.3	64.1	48.8	34.5	22.7	48.6	0	0	147	276	681	1026	1181	894	876	497	264	93	5935	
1952	24.4	28.4	34.3	48.3	58.1	65.3	73.7	74.8	64.4	54.9	31.5	27.4	48.6	0	1	67	496	907	1303	1252	1037	947	492	212	38	6772	
1953	37.6	29.7	40.4	46.2	50.3	65.9	76.6	71.3	65.6	49.1	41.8	23.4	49.8	0	0	87	305	967	1058	842	980	754	557	452	54	6056	
1954	30.9	35.4	36.7	51.6	59.4	64.8	75.5	70.1	63.6	51.3	39.2	28.0	50.6	0	2	94	418	768	1198	1405	1285	832	590	307	83	6922	
1955	19.4	18.9	37.9	45.1	54.9	64.3	73.4	73.4	63.1	51.3	39.1	35.0	47.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1956	36.2	24.5	40.0	47.5	59.3	69.5	74.0	71.1	66.3	50.2	30.8	27.5	49.7	0	0	140	404	832	923	886	1167	771	519	189	16	5847	
1957	28.1	36.2	41.7	47.7	63.7	64.3	73.7	73.3	61.4	52.7	31.3	32.8	49.4	0	0	53	453	1017	1156	1203	802	716	531	347	68	6366	
1958	26.7	39.4	35.8	44.3	59.7	67.5	72.5	75.4	61.2	52.7	37.6	28.1	50.0	0	9	127	471	1006	993	1181	709	897	613	184	34	6224	
1959	31.3	31.4	39.0	49.3	54.6	70.0	75.8	72.7	60.4	50.3	37.8	28.1	50.0	0	0	131	399	930	936	1040	935	796	459	316	21	5963	
1960	21.0	29.4	43.2	48.8	56.8	70.0	76.4	72.3	66.9	50.5	39.6	28.6	50.3	0	0	182	450	814	1136	1358	1026	669	479	264	6	6364	
1961	26.6	35.9	38.7	46.8	56.7	70.8	75.2	72.9	57.8	48.0	33.3	28.4	49.3	0	14	31	442	756	1121	1184	808	809	549	292	34	5991	
1962	31.8	34.1	34.1	40.6	54.7	64.0	70.9	71.5	64.1	52.1	41.2	27.4	48.5	0	0	223	519	945	1126	1407	924	941	423	310	97	6917	
1963	22.7	37.2	37.5	46.6	62.3	63.6	73.5	66.3	63.0	56.3	38.9	26.1	50.0	4	12	67	392	707	1159	1305	774	843	619	149	81	6112	
1964	24.2	25.7	32.6	44.9	54.3	63.3	75.1	71.8	66.0	51.9	31.3	21.7	50.0	0	4	29	265	776	1201	1258	1137	997	596	325	104	6692	
1965	31.6	30.9	37.2	47.4	52.8	61.8	72.2	69.9	56.3	51.3	42.3	29.1	48.6	0	29	147	355	996	995	1029	949	855	523	374	109	6361	
1966	24.9	28.9	38.6	47.6	59.8	66.1	74.9	73.4	64.1	49.3	41.5	26.0	49.6	0	3	264	399	674	1103	1239	1005	811	516	161	58	6233	
1967	21.1	33.6	42.5	42.8	54.4	62.1	75.3	75.7	64.2	52.3	41.8	19.6	48.8	0	7	75	478	700	1205	1354	872	688	662	361	131	6508	
1968	24.8	31.5	38.1	46.2	54.6	67.2	74.3	67.9	61.0	50.9	37.9	25.2	48.9	0	0	88	390	688	1403	1260	731	720	660	322	65	6327	
1969	33.0	32.4	35.9	46.2	61.2	69.1	74.9	77.1	66.7	44.1	36.0	31.8	50.3	1	35	179	429	806	1227	983	907	920	499	125	87	6198	
1970	31.0	37.8	37.0	41.7	57.1	66.1	75.1	75.9	59.2	46.0	40.0	30.1	49.7	0	0	32	637	863	1022	1047	755	861	689	244	86	6236	
1971	29.8	30.4	38.4	46.7	52.9	66.1	75.7	74.2	58.7	45.0	34.8	25.1	48.2	0	0	215	583	746	1072	1088	962	819	540	367	78	6470	
RECORD														0	0	224	612	899	1229								
MEAN	25.6	32.1	39.4	47.7	56.6	65.5	74.3	72.3	62.3	50.1	37.1	28.0	49.2														
MAX	38.2	44.6	53.8	63.4	73.7	84.1	92.3	89.9	81.1	67.8	52.4	41.1	65.2														
MIN	12.9	19.5	24.9	31.9	39.5	46.9	56.0	54.6	43.4	32.4	21.8	14.8	33.2														

### TOTAL PRECIPITATION

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
#1932	0.55	1.27	0.71	0.72	0.49	0.84	1.98	1.87	0.34	0.33	T	1.04	10.12
1933	0.51	0.16	1.44	1.06	1.18	T	0.45	0.23	0.23	0.30	0.36	0.83	7.75
1934	0.22	0.99	0.41	0.56	0.02	0.31	2.62	0.26	0.06	0.20	0.53	0.19	6.37
1935	0.41	1.30	1.74	1.10	1.29	0.00	1.36	1.30	0.35	0.05	0.21	1.16	9.27
1936	0.26	1.30	0.96	0.14	0.15	0.54	2.85	1.20	0.19	0.94	0.20	0.79	9.52
1937	1.24	0.47	1.46	0.10	1.04	0.21	2.07	0.28	0.69	0.21	0.21	0.98	8.94
1938	0.57	1.61	1.44	0.39	1.24	0.34	0.24	0.69	0.22	0.85	0.30	0.96	9.96
1939	0.37	0.25	0.29	0.16	0.34	0.21	0.17	0.63	2.18	0.57	0.05	0.04	5.26
1940	0.20	0.50	0.25	0.28	T	0.28	0.27	0.19	1.58	0.87	0.37	0.71	5.50
1941	0.10	1.09	1.58	1.92	1.05	0.33	0.28	0.36	1.04	3.75	0.28	1.44	13.22
1942	0.12	0.48	0.87	1.22	0.35	T	0.40	1.88	0.17	0.57	0.85	0.30	7.21
1943	0.67	1.24	1.22	1.48	0.13	0.84	T	0.52	1.47	0.65	0.61	0.43	8.26
1944	1.44	0.69	1.48	1.10	0.16	0.70	0.01	0.64	0.13	0.10	0.31	0.30	8.06
1945	0.51	0.60	2.64	0.69	0.69	0.52	1.27	0.96	0.04	0.90	0.32	0.55	9.49
1946	0.58	0.32	0.84	1.00	0.75	0.00	0.30	0.49	T	3.75	2.05	1.05	11.13
#1947	0.28	0.11	0.30	0.84	1.82	2.09	0.08	2.03	0.01	1.26	0.87	2.29	11.98
1948	0.20	0.80	1.38	0.67	T	1.25	T	0.95	0.07	0.99	0.05	0.62	6.99
1949	1.00	0.74	1.03	0.17	0.70	1.25	0.92	0.29	0.64	0.55	0.15	1.98	9.42
1950	1.16	0.19	0.79	0.11	0.38	T	0.96	0.18	0.81	0.20			

Location	Occupied from	Occupied to	Airline distance and direction from previous location	Latitude North	Longitude West	Sea level	Wind instruments	Extreme thermometers	Psychrometer	Telepsychrometer	Tipping bucket rain gage	Weighing rain gage	8" rain gage	Hygrothermometer	Pyranometer	Remarks
						Ground at temperature site										
<b>COOPERATIVE</b>																
W. W. Hall Residence	11- 6-06	12-31-06		38° 24'	113° 01'	-										
Lou Manners Observer	8-18-07	12-31-07	-	38° 24'	113° 01'	-										
C. M. Temple Residence	1- 1-08	6-30-10	-	38° 24'	113° 01'	4962		5	5				3			
J. C. Manual Observer	7- 1-10	5-30-11	-	38° 24'	113° 01'	-										
H. F. Aller Observer	6- 1-11	7-31-11	-	38° 24'	113° 01'	-										
F. J. Boudreau Observer	8- 1-11	9-30-13	-	38° 24'	113° 01'	-										
J. W. Evans Observer	10- 1-13	5-31-14	-	38° 24'	113° 01'	-										
John Krall Observer	5-31-14	12-31-15	-	38° 24'	113° 01'	-										
Charles Beard Residence (2 Blocks S. of P. O.)	1- 1-16	Oct 1930	-	38° 24'	113° 01'	4962		5	5				3			
Charles Beard Residence	Oct 1930	9-30-36	100 Ft. W	38° 24'	113° 01'	4962		5	5				3			
<b>AIRPORT STATION</b>																
CAA Station (1 mi. W of Intermediate Landing Field 1-1/2 mi. NW of PO)	4- 6-32	7-25-47	2 mi. WNW	38° 25'	113° 02'	5091	40	5	5			b6	a6			a - Added about 1937. b - Added 11-21-40.
FAA Station (Intermedi- ate Landing Field 1.6 miles N. of P. O.) Milford Airport	7-25-47	Present	2 mi. NE	38° 26'	113° 01'	5028	c26	5	5			5	4			CAA 7-25-47 to 7-23-48; WBAS-CAA 7-23-48 to 2-1-52; WBAS 2-1-52 to present. c - 24 feet to 7-14-49.

Requests for additional information should be directed to the National Weather Service Office for which this summary was issued.

Sale Price: 15 cents per copy. Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding this publication should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402

USCOM-NOAA-ASHEVILLE - 550

U.S. DEPARTMENT OF COMMERCE  
NATIONAL CLIMATIC CENTER  
FEDERAL BUILDING  
ASHEVILLE, N.C. 28801

POSTAGE AND FEES PAID  
U.S. DEPARTMENT OF COMMERCE





# MILFORD, UTAH

1973

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
ENVIRONMENTAL DATA SERVICE

## NARRATIVE CLIMATOLOGICAL SUMMARY

Milford is located in Beaver County in the west-central portion of the State. The City is situated in a flat to gently sloping valley 15 to 20 miles in width. The Mineral Mountains, 10 miles to the east of the station, and the San Francisco Range, 15 miles to the northwest, rise about 5,000 feet above the valley floor.

The station is in the Sevier River Basin, and drainage is toward the north. The Beaver River just to the east extends north-south through the valley, but no significant body of water is reached by it. The river is dry most of the time due to the low annual rainfall in the area, and to the Minersville Reservoir 6 miles east of Minersville, which regulates the flow of water in the stream. Water for the irrigation of agricultural land in the valley is obtained from the diversion of surface water from this reservoir and from numerous deep wells.

The climate is temperate and dry. The average annual precipitation is between 8 and 9 inches, and except for the irrigated land in the valley, vegetation is of the mid-latitude steepe type. Only one month, March, has a normal precipitation amount greater than one inch. Irrigation water is necessary for the economic production of most crops.

Snowfall is rather evenly distributed during the season. The snow is usually light and powdery with below average moisture content. January, the coldest month of the year, has the greatest average monthly total.

Relative humidity is rather low during the summer months. It increases considerably in the change from summer to winter, and winters are cold and uncomfortable.

Summers are characterized by warm days and cool nights. Temperatures of 100° or more occur about once in every two years. July is the hottest month with maximum temperatures on most days above 90°. In four out of five years the temperature can be expected to drop to 10° below zero or lower.

The average growing season is 128 days, rather short for a station near latitude 38° and at an altitude of 5,028 feet. This is due, in part, to the mid-latitude steppe type of climate which normally allows strong radiational cooling during the nighttime hours. The average date of the last freezing temperature, 32° or lower, in the spring is May 21, and the average date of the first freezing temperature in the fall is September 26.

The longest and shortest growing seasons on record are 179 and 80 days, respectively. Considering long-term record, freezing temperatures have occurred as early as August 9, and as late as June 21.

Diurnal heating is a factor in producing strong southerly winds during the spring and summer months. Winter winds may cause considerable drifting snow, with resultant hazards to stock and transportation in the area.

Low pressure storm systems are rare during the summer months. Precipitation during this period occurs as showers or thundershowers and rainfall amounts from these storms are quite variable. As winter approaches, the number of atmospheric disturbances increases, reaching a maximum in the spring of the year.



1938	30.6	28.1	41.4	46.6	60.9	64.8	75.4	74.3	66.2	51.6	41.3	33.0	49.2	1935-36	12	0	87	528	959	1197	1115	869	783	447	243	83	6323	
1939	25.9	20.6	42.8	52.2	60.0	67.5	75.8	75.6	63.8	49.8	40.7	36.2	50.9	1936-37	18	14	230	420	876	1079	1033	732	552	143	151	7925		
1940	31.8	25.6	42.6	50.0	63.1	71.4	76.4	76.4	64.4	53.0	35.1	30.0	52.5	1937-38	1	0	56	417	712	992	1066	911	780	496	328	46	5805	
1941	32.4	39.2	41.0	44.0	59.3	64.0	73.0	70.1	58.6	46.2	37.8	31.6	49.8	1938-39	2	2	17	431	1098	1072	1211	1242	688	384	177	48	6372	
1942	28.2	36.8	47.9	53.6	65.4	73.6	72.8	62.6	51.2	38.6	31.2	28.6	49.3	1939-40	0	0	83	473	729	922	1029	853	694	450	78	29	5340	
1943	29.1	31.6	40.7	53.6	57.0	62.6	73.4	74.2	67.2	53.2	39.0	29.9	51.1	1940-41	0	0	67	371	897	1085	1008	722	744	632	183	92	5801	
1944	18.2	24.5	34.1	44.2	55.8	61.5	73.0	72.8	63.8	53.8	36.8	28.8	47.3	1941-42	0	6	205	383	794	1037	1213	1030	873	514	361	60	6671	
1945	27.8	34.0	37.0	42.6	57.0	61.1	73.8	71.9	61.0	53.4	37.0	26.4	48.6	1942-43	0	4	117	429	814	1004	1113	934	753	632	279	151	5941	
1946	22.5	28.4	40.4	52.4	56.5	59.0	76.2	75.2	63.8	45.5	35.8	33.4	50.0	1943-44	0	6	24	366	778	1010	1065	1110	957	626	283	129	6815	
#1947	19.2	38.2	43.2	47.6	59.8	62.7	72.6	72.0	62.8	53.1	31.2	27.4	49.2	1944-45	0	0	78	345	846	1123	1153	869	869	674	249	148	6354	
1948	28.0	28.0	31.5	48.1	55.8	63.8	73.0	71.0	64.0	49.7	33.7	23.8	47.5	1945-46	0	5	191	360	842	1196	1367	1024	757	376	262	12	6392	
1949	6.8	14.7	36.8	51.6	56.6	65.2	73.2	70.6	65.0	47.6	42.4	23.0	46.1	#1946-47	0	0	112	622	876	977	1420	752	674	521	175	100	6229	
1950	21.2	26.0	39.8	48.4	53.9	63.9	72.9	70.9	61.8	55.8	42.2	31.6	49.9	1947-48	4	0	114	369	1014	1165	1147	1071	873	509	285	69	6620	
1951	26.8	32.9	36.6	48.3	56.9	64.5	75.4	71.3	64.1	48.8	34.5	22.7	48.6	1948-49	3	0	96	474	941	1275	1803	1410	874	402	271	77	7627	
1952	24.4	28.4	34.3	48.3	58.1	65.3	73.7	74.8	64.4	54.9	32.5	30.7	49.1	1949-50	0	1	60	538	678	1332	1351	805	775	492	346	90	6438	
1953	37.8	37.8	40.4	46.2	59.6	65.8	75.5	70.1	63.6	41.3	31.9	28.0	50.6	1950-51	0	0	147	276	681	1026	1181	894	876	497	264	93	5935	
1954	30.9	35.4	36.7	51.0	56.4	64.8	75.5	73.4	63.1	51.8	37.1	35.0	47.9	1951-52	0	1	67	496	907	1303	1252	1037	947	492	212	38	6772	
1955	19.4	18.9	37.9	45.1	54.9	64.3	73.4	73.4	63.1	51.8	37.1	35.0	47.9	1952-53	0	0	87	305	667	1058	842	980	754	557	452	54	6056	
1956	36.2	24.5	40.0	47.5	59.3	69.5	76.0	71.1	66.3	50.2	30.8	27.5	49.7	1953-54	0	4	32	483	689	1283	1051	821	872	398	185	101	5919	
1957	26.1	26.2	41.7	47.2	53.7	66.3	73.7	73.3	61.4	49.7	31.3	32.8	49.4	1954-55	0	2	94	418	768	1138	1405	1285	832	590	307	83	6922	
1958	26.7	39.4	35.8	44.3	59.7	67.5	72.5	75.4	63.3	52.0	33.7	34.6	50.4	1955-56	0	0	140	404	832	923	886	1167	771	519	189	14	5847	
1959	21.0	29.4	43.2	48.8	56.3	70.5	76.4	72.3	68.9	50.3	39.6	28.6	50.3	1956-57	0	0	53	453	1017	1156	1203	802	716	531	347	68	6346	
1960	21.0	29.4	43.2	48.8	56.3	70.5	76.4	72.3	68.9	50.3	39.6	28.6	50.3	1957-58	0	9	127	471	1006	993	1181	709	897	613	184	34	6224	
1961	26.6	35.9	38.7	46.8	56.7	70.8	75.2	72.9	57.8	48.0	33.3	28.4	49.3	1958-59	0	0	131	399	930	936	1040	935	796	459	316	21	5963	
1962	19.3	31.8	34.4	50.6	54.7	64.0	70.9	71.5	64.1	52.1	41.2	27.4	48.5	1959-60	0	0	182	450	814	1136	1358	1026	669	479	264	6	6384	
1963	22.7	37.2	37.5	44.1	60.2	63.6	74.3	73.5	66.0	56.3	38.9	36.1	50.0	1960-61	0	14	31	442	756	1121	1184	808	809	540	252	34	5991	
1964	24.2	25.7	32.6	44.9	54.3	63.3	75.1	71.8	60.1	53.5	41.6	32.7	47.5	1961-62	0	0	223	519	948	1103	1407	924	841	425	27	6917		
1965	31.6	30.9	37.2	47.4	52.8	61.8	72.2	69.9	56.3	51.9	42.3	29.1	46.6	1962-63	4	12	67	392	707	1159	1305	774	843	619	149	81	6112	
1966	24.9	28.9	38.6	47.6	59.8	65.1	74.9	73.4	64.1	49.3	41.5	25.0	49.6	1963-64	0	4	29	265	776	1201	1258	1137	997	596	325	104	6692	
1967	21.1	33.6	42.5	42.6	54.4	62.1	75.3	75.7	64.2	52.3	41.8	19.6	48.8	1964-65	0	29	147	355	996	995	1029	949	855	523	374	109	6361	
1968	24.1	39.5	41.5	42.7	54.6	67.2	74.3	67.9	61.0	50.9	37.9	25.2	48.9	1965-66	0	3	264	399	674	1103	1239	1005	811	516	161	58	6233	
1969	33.0	32.4	35.1	48.2	61.2	63.1	74.9	77.1	66.7	44.1	36.0	31.8	50.3	1966-67	0	7	75	475	700	1205	1354	872	688	662	356	131	6506	
1970	31.0	37.8	37.0	41.7	57.1	66.1	75.1	75.9	59.2	46.0	40.0	30.1	49.7	1967-68	0	0	88	390	688	1403	1260	731	729	683	322	65	6327	
1971	29.8	30.4	38.4	46.7	52.9	66.1	75.7	74.2	58.7	45.0	34.8	25.1	48.2	1968-69	1	35	179	429	806	1227	983	907	920	499	125	87	6188	
1972	29.1	35.7	44.3	47.6	56.7	68.2	77.7	70.5	61.0	48.6	34.8	25.1	48.2	1969-70	0	0	32	637	863	1022	1047	755	861	689	244	86	6236	
1973	14.3	29.0	35.9	42.6	56.8	64.5	72.5	72.2	58.9	49.2	37.5	30.4	47.0	1970-71	0	0	215	583	746	1072	1088	962	819	540	367	78	6470	
RECORD	25.4	32.1	39.4	47.6	56.7	65.5	74.3	72.2	62.2	50.1	37.1	27.8	49.2	1971-72	0	0	224	612	899	1229	1107	847	631	516	265	9	6395	
MEAN	38.1	44.7	53.8	63.3	73.8	84.1	92.5	89.9	81.0	67.6	52.2	40.9	65.2	1972-73	0	6	132	470	898	1253	1570	1003	895	660	243	111	7511	
MAX	12.7	19.4	25.0	31.8	39.5	46.9	56.0	54.5	43.4	32.5	21.9	14.6	35.2	1973-74	0	8	194	486	815	1063								

### TOTAL PRECIPITATION

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1934	0.22	0.99	0.41	0.56	0.02	0.31	1.62	0.26	0.06	0.20	0.53	0.19	6.37
1935	0.41	0.30	1.74	1.10	1.29	0.00	1.36	1.30	0.35	0.05	0.21	1.16	9.27
1936	0.26	1.30	0.96	0.14	0.15	0.54	2.85	1.20	0.19	0.94	0.20	0.79	9.52
1937	1.24	0.97	1.46	0.10	1.04	0.21	2.07	0.28	0.69	0.21	0.21	0.96	8.94
1938	0.57	1.51	1.56	0.39	1.24	0.36	0.97	0.69	0.29	0.83	0.32	0.98	8.94
1939	0.37	0.25	0.29	0.16	0.36	0.21	0.77	0.63	2.18	0.57	0.05	0.58	5.96
1940	0.20	0.50	0.23	0.28	T	0.28	0.27	0.19	1.58	0.87	0.37	0.71	5.50
1941	0.10	1.09	1.58	1.97	1.05	0.33	0.28	0.36	1.04	3.75	0.28	1.44	13.22
1942	0.12	0.88	0.87	1.22	0.35	T	0.40	1.88	0.17	0.57	0.85	0.30	7.21
1943	0.67	1.24	1.22	0.48	0.13	0.84	T	0.52	1.47	0.69	0.61	0.43	8.26
1944	1.44	0.59	1.48	1.10	0.16	0.70	0.01	0.64	0.13	0.10	1.31	0.30	8.06
1945	0.31	0.30	2.94	0.69	0.59	0.52	1.27	0.96	0.04	0.90	0.32	0.35	9.49
1946	0.58	0.32	0.84	1.00	0.75	0.00	0.49	T	3.75	2.05	1.03	11.13	
#1947	0.28	0.11	0.30	0.84	1.82	2.09	0.08	2.03	0.01	1.26	0.87	2.29	11.98
1948	0.20	0.80	1.38	0.67	T	1.26	T	0.95	0.07	0.99	0.05	0.62	6.99
1949	1.00	0.74	1.03	0.17	0.70	1.25	0.92	0.29	0.64	0.53	0.15	1.98	9.42
1950	1.16	0.19	0.79	0.11	0.38	T	0.96	0.18	0.01	0.20	0.17	0.33	4.48
1951	0.38	0.42	0.48	1.63	1.58	T	0.76	1.07	0.48	1.82	0.76	1.31	10.69
1952	0.83	0.74	1.83	0.76	0.71	0.35	0.07	1.22	0.45	0.00	0.32	0.44	7.72
1953	0.40	0.77	1.23	1.02	0.46	0.06	1.22	0.03	T	0.87	0.13	0.38	6.57
1954	1.53	0.20	1.31	0.43	1.10	0.35	1						

Location	Occupied from	Occupied to	Airline distance and direction from previous location	Latitude		Ground										Remarks
				North	West	Sea level	Ground at temperature site	Wind instruments	Extreme thermometers	Psychrometer	Telepsychrometer	Tipping bucket rain gage	Weighting rain gage	8" rain gage	Hygrothermometer	
<u>COOPERATIVE</u>																
W. W. Hall Residence	11/06/06	12/31/06		38° 24'	113° 01'											
Lou Manners Observer	8/18/07	12/31/07		38° 24'	113° 01'											
C. M. Temple Residence	1/01/08	6/30/10		38° 24'	113° 01'	4962		5	5				3			
J. C. Manual Observer	7/01/10	5/30/11		38° 24'	113° 01'											
H. F. Aller Observer	6/01/11	7/31/11		38° 24'	113° 01'											
F. J. Boudreau Observer	8/01/11	9/30/13		38° 24'	113° 01'											
J. W. Evans Observer	10/01/13	5/31/14		38° 24'	113° 01'											
John Krall Observer	5/31/14	12/31/15		38° 24'	113° 01'											
Charles Beard Residence (2 blocks South of P. O.)	1/01/16	10/ ?/30		38° 24'	113° 01'	4962		5	5				3			
Charles Beard Residence	10/ ?/30	9/30/36	100 Ft. W	38° 24'	113° 01'	4962		5	5				3			
<u>AIRPORT</u>																
CAA Station (1 mile West of Intermediate Landing Field 1.5 miles NW of Post Office)	4/06/32	7/25/47	2 mi. WNW	38° 25'	113° 02'	5091	40	5	5			b6	a6		a - Added about 1937. b - Added 11/21/40.	
FAA Station (Intermediate Landing Field 1.6 miles North of Post Office) Milford Airport	7/25/47	Present	2 mi. NE	38° 26'	113° 01'	5028	c26	5	5			5	4		CAA to 7/23/48; WBAS-CAA to 2/1/52; WBAS (National Weather Service) to present. c - 24 feet to 7/14/49.	

Requests for additional climatic information should be addressed to: Director, National Climatic Center, Federal Building, Asheville, N. C. 28801

Sale Price: 15 cents per copy. Checks and money orders should be made payable to Department of Commerce, NOAA. Remittances and correspondence regarding this publication should be sent to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

USCOMM-NOAA-ASHEVILLE - 800

U.S. DEPARTMENT OF COMMERCE  
NATIONAL CLIMATIC CENTER  
FEDERAL BUILDING  
ASHEVILLE, N.C. 28801

AN EQUAL OPPORTUNITY EMPLOYER

POSTAGE AND FEES PAID  
U.S. DEPARTMENT OF COMMERCE

210

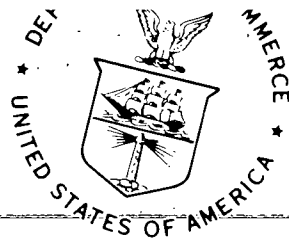


FIRST CLASS





# Narrative Climatological Summary



Milford is located in Beaver County in the west-central portion of the State. The City is situated in a flat to gently sloping valley 15 to 20 miles in width. The Mineral Mountains, 10 miles to the east of the station, and the San Francisco Range, 15 miles to the northwest, rise about 5,000 feet above the valley floor.

The station is in the Sevier River Basin, and drainage is toward the north. The Beaver River just to the east extends north-south through the valley, but no significant body of water is reached by it. The river is dry most of the time due to the low annual rainfall in the area, and to the Minersville Reservoir 6 miles east of Minersville, which regulates the flow of water in the stream. Water for the irrigation of agricultural land in the valley is obtained from the diversion of surface water from this reservoir and from numerous deep wells.

The climate is temperate and dry. The average annual precipitation is between 8 and 9 inches, and except for the irrigated land in the valley, vegetation is of the mid-latitude steppe type. Only one month, March, has a normal precipitation amount greater than one inch. Irrigation water is necessary for the economic production of most crops.

Snowfall is rather evenly distributed during the season. The snow is usually light and powdery with below average moisture content. January, the coldest month of the year, has the greatest average monthly total.

Relative humidity is rather low during the summer months. It increases considerably in the change from summer to winter, and winters are cold and uncomfortable.

Summers are characterized by warm days and cool nights. Temperatures of 100° or more occur about once in every two years. July is the hottest month with maximum temperatures on most days above 90°. In four out of five years the temperature can be expected to drop to 10° below zero or lower.

The average growing season is 128 days, rather short for a station near latitude 38° and at an altitude of 5,028 feet. This is due, in part, to the mid-latitude steppe type of climate which normally allows strong radiational cooling during the nighttime hours. The average date of the last freezing temperature, 32° or lower, in the spring is May 21, and the average date of the first freezing temperature in the fall is September 26.

The longest and shortest growing seasons on record are 179 and 80 days, respectively. Considering long-term record, freezing temperatures have occurred as early as August 9, and as late as June 21.

Diurnal heating is a factor in producing strong southerly winds during the spring and summer months. Winter winds may cause considerable drifting snow, with resultant hazards to stock and transportation in the area.

Low pressure storm systems are rare during the summer months. Precipitation during this period occurs as showers or thundershowers and rainfall amounts from these storms are quite variable. As winter approaches, the number of atmospheric disturbances increases, reaching a maximum in the spring of the year.

noaa

NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL  
DATA SERVICE

NATIONAL

# Meteorological Data For The Current Year

Station: MILFORD, UTAH  
 Standard time used: MOUNTAIN  
 Latitude: 38° 26' N Longitude: 113° 01' W  
 Elevation (ground): 5028 feet

Month	Temperature °F		Degree days Base 65 °F	Precipitation in inches		Snow, ice pellets		Wind		Sunrise to sunset	Temperature °F		Average station pressure mb	Elev. feet m.s.l.
	Averages			Water equivalent		Fastest mile		Resultant			Minimum			
	Daily maximum	Daily minimum		Total	Greatest in 24 hrs.	Speed m.p.h.	Direction	Direction	Speed m.p.h.		Maximum	Minimum		
JAN	32.8	9.0	1362	0.0	0.0	0.0	0.0	32	SW	5	54	6.2	0	846.3
FEB	40.4	13.4	1062	0.0	0.0	0.0	0.0	37	SW	4	77	4.4	0	846.6
MAR	57.5	29.0	667	0.0	0.0	0.0	0.0	50	SW	2	65	6.7	0	843.6
APR	60.6	27.9	614	0.0	0.0	0.0	0.0	52	SW	24	85	3.7	0	844.9
MAY	78.0	40.7	188	0.0	0.0	0.0	0.0	41	NE	7	88	2.4	0	842.5
JUN	91.1	47.4	41	0.0	0.0	0.0	0.0	40	SW	10	76	3.8	0	844.4
JUL	91.1	55.5	0	1.03	0.32	0.0	0.0	42	SW	10	84	2.6	0	847.0
AUG	89.8	51.2	0	0.23	0.08	0.0	0.0	33	SW	19	88	1.7	0	846.0
SEP	82.6	43.0	0	0.19	0.08	0.0	0.0	30	SW	21	68	6.8	0	847.0
OCT	65.3	34.5	0	1.29	0.44	0.0	0.0	30	SW	2	68	3.7	0	849.0
NOV	52.4	23.3	0	0.38	0.21	0.0	0.0	31	SW	4	65	5.2	0	846.0
DEC	39.4	11.5	0	0.16	0.04	0.0	0.0	52	SW	24	76	4.3	0	844.4
YEAR	65.1	32.2	6548	7.08	6.43	0.60	0.20	39						847.0

## Normals, Means, And Extremes

Month	Temperatures °F		Normal Degree days Base 65 °F	Precipitation in inches		Snow, ice pellets		Wind		Sunrise to sunset	Temperature °F		Average station pressure mb	Elev. feet m.s.l.
	Normal			Water equivalent		Fastest mile		Resultant			Minimum			
	Daily maximum	Daily minimum		Normal	Maximum monthly	Year	Minimum monthly	Year	Maximum monthly		Year	Maximum in 24 hrs.		
JAN	38.4	12.9	26	0.61	1.53	0.05	1972	0.87	1954	24	18	66	60	26
FEB	44.2	18.6	26	0.70	1.50	0.01	1972	0.74	1953	24	18	62	54	26
MAR	52.4	23.7	26	1.04	1.93	0.01	1972	1.16	1953	24	18	45	37	26
APR	62.9	31.4	26	0.90	2.28	0.00	1955	1.06	1973	28	23	34	29	26
MAY	73.7	39.3	26	0.61	1.58	0.02	1963	0.91	1954	28	23	28	23	26
JUN	83.5	46.8	26	0.56	2.43	0.00	1967	1.04	1949	24	18	41	34	26
JUL	92.8	55.8	26	0.51	1.42	0.01	1958	1.24	1949	24	18	40	34	26
AUG	90.3	54.8	26	0.68	2.52	0.00	1957	1.03	1972	28	20	42	35	26
SEP	81.8	44.1	26	0.61	2.60	0.00	1957	1.23	1970	28	20	35	28	26
OCT	68.0	33.4	26	0.78	2.81	0.00	1952	1.20	1951	24	18	56	45	26
NOV	52.0	22.5	26	0.67	2.10	0.06	1963	1.01	1963	24	18	56	45	26
DEC	41.3	15.8	26	0.73	2.45	0.05	1955	1.03	1972	24	18	65	60	26
YEAR	65.1	33.3	26	6.88	8.40	2.61	1972	1.33	1970	30.6	26	41	35	26

Means and extremes above are from existing and comparable exposures. Annual extremes have been exceeded at other sites in the locality as follows:  
 Lowest temperature -34 in January 1937; maximum precipitation 3.75 in October 1946 and earlier; maximum precipitation in 24 hours 1.92 in October 1916.

(a) Length of record, years, shown the current year unless otherwise noted, based on January data.  
 (b) 70° and above at Alaskan stations.  
 \* Less than one half.  
 † Trace.

NORMALS - Based on record for the 1941-1970 period.  
 FASTEST MILE WIND - The most recent in cases of multiple occurrence.  
 PREVAILING WIND DIRECTION - Record through 1963.  
 WIND DIRECTION - Numerals indicate tens of degrees clockwise from true north. 00 indicates calm.  
 FASTEST MILE WIND - Speed is fastest observed 1-minute value when the direction is in tens of degrees.

% Through 1964. The station did not operate 24 hours daily. Fog and thunderstorm data may be incomplete.  
 \$ Through 1966.  
 c Through 1971 plus 1974.

### Heating Degree Days

MILFORD, UT

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1935	30.2	35.4	37.5	47.4	51.6	66.2	71.6	72.7	64.3	48.0	33.0	26.4	48.7
1936	29.0	35.0	39.8	50.1	57.4	67.6	72.0	69.4	58.0	49.5	35.8	30.8	49.5
1937	27.0	28.1	41.4	46.6	60.9	64.8	75.4	74.3	66.2	51.6	41.3	30.0	49.2
1938	30.6	32.5	39.6	48.5	54.5	66.1	72.1	73.0	66.6	51.1	28.4	30.4	49.5
1939	25.9	29.6	42.8	52.6	60.0	67.5	75.8	75.6	63.0	40.7	36.2	30.2	50.9
1940	31.8	35.6	42.6	50.0	63.1	71.4	76.4	76.4	64.4	53.0	38.1	31.0	52.5
1941	32.4	39.2	41.0	44.0	59.3	64.0	73.0	70.1	58.4	46.2	38.6	31.6	49.8
1942	25.9	28.2	36.8	47.9	53.6	65.4	76.6	72.6	62.6	51.2	37.8	32.6	49.3
1943	29.1	31.6	40.7	53.6	57.0	62.6	75.4	74.2	67.2	53.0	39.0	29.7	51.1
1944	19.2	24.9	34.1	44.2	55.8	61.9	73.0	72.8	63.8	53.8	36.8	28.8	47.3
1945	27.8	34.0	37.0	42.6	57.0	61.1	73.8	71.9	61.0	53.4	37.0	24.8	48.6
1946	22.5	28.4	40.6	52.4	56.6	69.0	76.2	75.2	63.8	45.5	35.8	33.4	50.0
1947	19.2	38.2	43.2	47.6	59.8	62.7	72.6	62.8	53.1	31.2	27.4	49.2	49.2
1948	28.0	28.0	31.5	48.1	55.8	63.8	73.0	71.0	64.0	49.7	33.7	23.8	47.5
1949	6.8	14.7	36.8	51.6	56.6	65.2	73.2	70.6	65.0	47.6	42.4	23.0	46.1
1950	21.8	39.0	39.8	48.4	53.9	63.9	72.9	70.9	61.8	55.8	42.2	31.6	49.9
1951	26.8	32.9	36.6	48.3	56.9	64.5	75.4	71.3	64.1	48.8	34.5	22.7	48.6
1952	24.4	28.4	34.3	48.3	58.1	65.3	73.7	74.8	64.4	54.9	32.5	30.5	49.1
1953	37.6	29.7	40.4	46.2	50.3	65.9	76.6	71.3	65.6	49.1	41.8	23.4	49.8
1954	30.9	35.4	36.7	51.6	54.9	64.8	75.5	70.1	63.6	51.2	39.2	28.0	50.6
1955	19.4	18.9	37.9	45.1	59.4	64.3	73.4	73.4	63.1	51.8	37.1	35.0	47.9
1956	36.2	24.5	40.0	47.5	59.3	69.5	74.0	71.1	68.3	50.2	30.8	27.5	49.7
1957	26.1	34.2	41.7	47.2	63.7	61.4	68.7	71.3	61.4	68.7	31.4	32.8	49.4
1958	26.7	39.4	35.8	44.3	59.7	67.5	72.5	75.4	63.3	52.0	30.7	30.4	50.4
1959	31.3	31.4	39.0	49.5	54.6	70.0	75.8	72.7	60.4	50.3	37.6	28.1	50.0
1960	21.0	29.4	43.2	48.8	56.8	70.0	76.4	72.3	66.9	50.5	39.6	28.6	50.3
1961	26.6	35.9	38.7	46.8	56.7	70.8	75.2	72.9	57.8	48.0	33.3	28.4	49.3
1962	19.3	31.8	34.4	50.6	54.7	64.0	70.9	71.5	64.1	52.1	41.2	27.4	48.5
1963	22.7	39.5	41.5	44.1	60.2	63.6	74.3	73.5	66.0	56.2	38.9	26.1	50.0
1964	24.2	25.7	32.6	44.9	54.3	63.3	75.1	71.0	60.1	53.8	31.5	32.7	47.5
1965	31.6	30.9	37.2	47.4	52.8	61.8	72.2	69.9	56.3	51.9	42.3	29.1	48.6
1966	24.9	28.9	38.6	47.6	59.8	66.1	74.9	73.4	64.1	49.3	41.5	26.0	49.6
1967	21.1	39.6	42.5	42.8	54.4	62.1	75.3	75.7	64.2	52.3	41.8	19.6	48.8
1968	24.1	39.5	41.5	48.2	54.6	67.2	74.3	67.9	61.0	50.9	37.9	29.2	48.9
1969	33.0	32.4	37.1	48.2	51.2	61.1	74.9	77.1	66.7	44.1	36.0	31.8	50.3
1970	31.0	37.8	37.0	41.7	57.1	66.1	75.1	75.9	69.2	46.0	40.0	30.1	49.7
1971	29.8	30.4	38.4	46.7	52.9	66.1	75.7	74.2	58.7	45.0	34.8	25.1	48.2
1972	29.1	35.7	44.3	47.6	56.7	68.2	75.7	70.5	61.0	49.8	34.9	15.8	49.1
1973	14.3	29.0	35.4	42.7	56.8	64.5	72.5	72.2	58.9	49.2	37.5	30.4	47.0
1974	20.9	26.9	43.3	44.3	59.4	69.3	73.3	70.5	62.8	49.9	37.9	25.5	48.7
RECORD													
MEAN	25.4	32.0	39.5	47.5	56.7	65.7	74.3	72.2	62.2	50.1	37.1	27.8	49.2
MAX	38.0	44.6	53.9	63.3	73.0	84.3	92.5	89.9	81.0	67.6	42.0	40.9	63.2
MIN	12.7	19.3	25.0	31.7	39.5	47.0	56.0	54.5	43.4	32.5	22.0	14.6	33.2

Season	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Total
1954-55	0	2	94	418	768	1138	1405	1285	832	590	307	83	6922
1955-56	0	0	140	404	832	923	886	1167	771	519	189	16	5847
1956-57	0	0	53	453	1017	1158	1203	802	716	531	347	68	6346
1957-58	0	9	127	471	1006	993	1181	709	897	613	184	34	6224
1958-59	0	0	21	399	930	936	1040	935	796	459	316	21	5963
1959-60	0	0	182	450	814	1136	1358	1026	669	479	264	6	6384
1960-61	0	14	31	462	756	1121	1184	808	809	540	252	34	5991
1961-62	0	0	223	519	945	1126	1407	924	941	425	310	97	6917
1962-63	4	12	67	392	707	1159	1305	774	843	619	149	81	6112
1963-64	0	4	29	265	776	1201	1258	1137	997	596	325	104	6692
1964-65	0	29	147	355	596	995	1029	949	855	523	374	109	6361
1965-66	0	3	264	399	674	1103	1239	1005	811	516	161	58	6233
1966-67	0	7	75	478	700	1205	1354	872	688	662	336	131	6508
1967-68	0	0	88	390	888	1403	1260	731	720	660	322	65	6327
1968-69	1	35	179	429	806	1227	983	907	920	449	125	87	6198
1969-70	0	0	32	637	863	1022	1047	755	861	689	244	86	6236
1970-71	0	0	215	583	746	1072	1108	862	819	540	367	78	6470
1971-72	0	0	224	612	899	1229	1077	847	631	516	245	5	6335
1972-73	0	6	132	470	898	1523	1570	1003	895	660	243	111	7511
1973-74	0	8	194	486	815	1063	1362	1062	667	614	188	41	6500
1974-75	0	4	124	460	807	1219							

### Cooling Degree Days

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
1969	0	0	0	0	14	35	314	383	89	0	0	0	835
1970	0	0	0	0	7	124	322	347	46	0	0	0	846
1971	0	0	0	0	0	118	338	291	41	0	0	0	788
1972	0	0	0	0	0	15	103	338	185	18	0	0	659
1973	0	0	0	0	0	102	239	241	16	0	0	0	598
1974	0	0	0	0	20	172	266	184	66	0	0	0	708

### Precipitation

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1935	0.41	0.30	1.74	1.10	1.29	0.00	1.36	1.30	0.35	0.05	0.21	1.16	9.27
1936	0.26	1.30	0.96	0.14	0.15	0.54	2.85	1.20	0.19	0.94	0.20	0.79	9.52
1937	1.24	0.47	1.46	0.10	1.04	0.21	2.07	0.26	0.69	0.21	0.21	0.98	8.94
1938	0.97	1.61	1.44	0.39	1.24	0.34	0.24	0.69	0.29	0.85	0.30	0.98	8.94
1939	0.37	0.25	0.29	0.14	0.34	0.21	0.17	0.63	2.18	0.27	0.05	0.04	5.26
1940	0.20	0.50	0.25	0.28	0.34	0.28	0.27	0.19	1.58	0.87	0.37	0.71	5.50
1941	0.10	1.09	1.58	1.92	1.05	0.33	0.28	0.36	1.04	0.75	0.28	1.44	13.22
1942	0.12	0.48	0.87	1.22	0.35	0.40	1.88	0.17	0.57	0.85	0.30	0.70	7.21
1943	0.67	1.24	1.22	0.48	0.13	0.84	0.32	1.47	0.65	0.61	0.43	0.26	8.26
1944	1.44	0.69	1.48	1.10	0.18	0.70	0.01	0.64	0.13	0.10	1.31	0.30	8.06
1945	0.31	0.60	2.64	0.67	0.69	0.52	1.27	0.96	0.04	0.90	0.32	0.55	9.49
1946	0.58	0.32	0.84	1.00	0.75	0.00	0.30	0.49	0.37	2.75	2.05	1.05	11.13
1947	0.28	0.11	0.30	0.84	1.82	2.09	0.08	2.03	0.01	1.26	0.87	2.29	11.98
1948	0.20	0.80	1.38	0.67	1.26	0.95	0.07	0.99	0.05	0.62	0.69	0.99	6.99
1949	1.00	0.74	1.03	0.17	0.70	1.25	0.92	0.29	0.64	0.55	0.15	1.98	9.42
1950	1.16	0.19	0.79	0.11	0.38	0.98	0.18	0.01	0.20	0.17	0.33	0.48	4.48
1951	0.38	0.42	0.44	1.63	1.58	0.76	1.07	0.48	1.82	0.76	1.31	10.69	
1952	0.83	0.74	1.83	0.76	0.71	0.35	0.07	1.22	0.45	0.00	0.32	0.44	7.72
1953	0.40	0.77	1.23	1.02	0.46	0.06	1.22	0.03	0.37	0.87	0.13	0.38	6.57
1954	1.53	0.20	1.31	0.43	1.10	0.35	1.01	1.04	0.53	0.23	0.67	0.56	8.98
1955	0.60	0.86	0.13	0.02	0.29	0.34	1.01	1.69	0.32	0.17	0.47	0.05	5.95
1956	0.51	1.04	0.30	1.35	0.51	0.73	0.29						

Location	Occupied from	Occupied to	Airline distance and direction from previous location	Latitude North	Longitude West	Elevation above										Remarks
						Sea level	Ground								Sea level	
							Ground at temperature site	Wind instruments	Extreme thermometers	Psychrometer	Telepsychrometer	Tipping bucket rain gage	Weighting rain gage	8" rain gage		
<u>COOPERATIVE</u>																
W. W. Hall Residence	11/06/06	12/31/06		38° 24'	113° 01'											
Lou Manners Observer	8/18/07	12/31/07		38° 24'	113° 01'											
C. M. Temple Residence	1/01/08	6/30/10		38° 24'	113° 01'	4962		5	5				3			
J. C. Manual Observer	7/01/10	5/30/11		38° 24'	113° 01'											
H. F. Aller Observer	6/01/11	7/31/11		38° 24'	113° 01'											
F. J. Boudreau Observer	8/01/11	9/30/13		38° 24'	113° 01'											
J. W. Evans Observer	10/01/13	5/31/14		38° 24'	113° 01'											
John Krall Observer	5/31/14	12/31/15		38° 24'	113° 01'											
Charles Beard Residence (2 blocks South of P. O.)	1/01/16	10/ ?/30		38° 24'	113° 01'	4962		5	5				3			
Charles Beard Residence	10/ ?/30	9/30/36	100 ft. W	38° 24'	113° 01'	4962		5	5				3			
<u>AIRPORT</u>																
CAA Station (1 mile West of Intermediate Landing Field 1.5 miles NW of Post Office)	4/06/32	7/25/47	2 mi. WNW	38° 25'	113° 02'	5091	40	5	5			b6	a6		a - Added about 1937. b - Added 11/21/40.	
FAA Station (Intermediate Landing Field 1.6 miles North of Post Office) Milford Airport	7/25/47	Present	2 mi. NE	38° 26'	113° 01'	5028	c26	5	5			5	4		CAA to 7/23/48; WBAS-CAA to 2/1/52; WBAS (National Weather Service) to present. c - .24 feet to 7/14/49.	

Requests for additional climatic information should be addressed to: Director, National Climatic Center, Federal Building, Asheville, N. C. 28801

Sale Price: .15 cents per copy. Checks and money orders should be made payable to Department of Commerce, NOAA. Remittances and correspondence regarding this publication should be sent to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

USCOMM-NOAA-ASHEVILLE - 800

U.S. DEPARTMENT OF COMMERCE  
NATIONAL CLIMATIC CENTER  
FEDERAL BUILDING  
ASHEVILLE, N.C. 28801

AN EQUAL OPPORTUNITY EMPLOYER

POSTAGE AND FEES PAID  
U.S. DEPARTMENT OF COMMERCE

210



FIRST CLASS



1975

MILFORD, UTAH



## Narrative Climatological Summary

Milford is located in Beaver County in the west-central portion of the State. The City is situated in a flat to gently sloping valley 15 to 20 miles in width. The Mineral Mountains, 10 miles to the east of the station, and the San Francisco Range, 15 miles to the northwest, rise about 5,000 feet above the valley floor.

The station is in the Sevier River Basin, and drainage is toward the north. The Beaver River just to the east extends north-south through the valley, but no significant body of water is reached by it. The river is dry most of the time due to the low annual rainfall in the area, and to the Minersville Reservoir 6 miles east of Minersville, which regulates the flow of water in the stream. Water for the irrigation of agricultural land in the valley is obtained from the diversion of surface water from this reservoir and from numerous deep wells.

The climate is temperate and dry. The average annual precipitation is between 8 and 9 inches and, except for the irrigated land in the valley, vegetation is of the mid-latitude steppe type. Only one month, March, has a normal precipitation amount greater than one inch. Irrigation water is necessary for the economic production of most crops.

Snowfall is rather evenly distributed during the season. The snow is usually light and powdery with below average moisture content. January, the coldest month of the year, has the greatest average monthly total.

Relative humidity is rather low during the summer months. It increases considerably in the change from summer to winter, and winters are cold and uncomfortable. In four out of five years the temperature can be expected to drop to 10° below zero or lower.

Summers are characterized by warm days and cool nights. Temperatures of 100° or more occur about once in every two years. July is the hottest month with maximum temperatures on most days above 90°.

The average growing season is 128 days, rather short for a station near latitude 38° and at an altitude of 5,028 feet. This is due, in part, to the mid-latitude steppe type of climate which normally allows strong radiational cooling during the nighttime hours. The average date of the last freezing temperature, 32° or lower, in the spring is May 21, and the average date of the first freezing temperature in the fall is September 26.

The longest and shortest growing seasons on record are 179 and 80 days, respectively. Considering long-term record, freezing temperatures have occurred as early as August 9, and as late as June 21.

Diurnal heating is a factor in producing strong southerly winds during the spring and summer months. Winter winds may cause considerable drifting snow, with resultant hazards to stock and transportation in the area.

Low pressure storm systems are rare during the summer months. Precipitation during this period occurs as showers or thundershowers and rainfall amounts from these storms are quite variable. As winter approaches, the number of atmospheric disturbances increases, reaching a maximum in the spring of the year.

# Meteorological Data For The Current Year

Station: MILFORD, UTAH MILFORD AIRPORT Standard time used: MOUNTAIN Latitude: 38 26 N Longitude: 113 01 W Elevation (ground): 5028 feet Year: 1

Month	Temperature °F						Degree days Base 65 °F		Precipitation in inches						Relative humidity, pct.				Wind				Number of days																
	Averages			Extremes			Heating	Cooling	Water equivalent			Snow, ice pellets			Hour				Resultant		Fastest mile		Sunrise to sunset			Precipitation		Snow, ice pellets		Thunderstorms		Heavy fog, visibility		Temperature °F					
	Daily maximum	Daily minimum	Monthly	Highest	Date	Lowest			Date	Total	Greatest in 24 hrs.	Date	Total	Greatest in 24 hrs.	Date	05	11	17	23	Direction	Speed m.p.h.	Average speed m.p.h.	Speed m.p.h.	Direction	Date	Pct. of possible sunshine	Average sky cover, sunrise to sunset	Clear	Partly cloudy	Cloudy	Precipitation .01 inch or more	Snow, ice pellets 1.0 inch or more	Thunderstorms	Heavy fog, visibility 1/2 mile or less	90° and above	32° and below	32° and below	0° and below	
														(Local time)																									
JAN	39.3	9.0	24.2	66	25	-13	3	1258	0	0.35	0.15	8-9	6.2	2.5	8-9	64																							
FEB	42.9	17.4	30.2	64	28	-7	18	969	0	0.50	0.31	16-17	5.6	3.8	16-17	59																							
MAR	48.8	23.9	36.4	68	1	4	29	880	0	1.40	0.27	25-26	15.3	4.1	25-26	77																							
APR	54.0	25.0	39.3	70	24	9	2	753	0	0.60	0.27	18	5.6	4.1	18	76																							
MAY	67.0	32.8	49.9	85	14	17	6	664	0	1.87	1.00	19-20	11.4	8.6	19-20	74																							
JUN	80.4	44.3	62.4	92	13	32	11	107	37	0.70	0.57	17-18	0.0	0.0																									
JUL	91.0	55.1	73.1	98	8	46	2	0	260	1.37	0.53	10-11	0.0	0.0																									
AUG	88.1	50.2	69.2	97	9	38	30	7	141	0.74	0.48	20-21	0.0	0.0																									
SEP	81.8	43.5	62.7	90	6	31	22	100	37	0.02	0.02	9	0.0	0.0																									
OCT	67.2	28.9	47.8	83	5	9	25	527	0	0.35	0.10	7	0.6	0.4	23-24																								
NOV	50.3	16.4	33.4	73	5	0	29	944	0	0.76	0.45	27-28	9.3	5.6	27-28	49																							
DEC	41.6	16.2	28.9	58	11	-6	15	1113	0	0.46	0.26	13	5.9	2.6	13	70																							
YEAR	62.7	30.2	46.5	98	JUL 8	-13	JAN 3	7124	475	9.12	1.00	19-20	60.9	8.6	19-20																								

## Normals, Means, And Extremes

Month	Temperatures °F						Normal Degree days Base 65 °F		Precipitation in inches						Relative humidity pct.				Wind				Mean number of days																			
	Normal			Extremes			Heating	Cooling	Water equivalent			Snow, ice pellets			Hour				Fastest mile		Sunrise to sunset			Precipitation		Snow, ice pellets		Thunderstorms		Heavy fog, visibility		Temperatures °F										
	Daily maximum	Daily minimum	Monthly	Record highest	Year	Record lowest			Year	Normal	Maximum monthly	Year	Minimum monthly	Year	Maximum in 24 hrs.	Year	Maximum monthly	Year	Maximum in 24 hrs.	Year	05	11	17	23	Direction	Speed m.p.h.	Average speed m.p.h.	Speed m.p.h.	Direction	Year	Pct. of possible sunshine	Mean sky cover, sunrise to sunset	Clear	Partly cloudy	Cloudy	Precipitation .01 inch or more	Snow, ice pellets 1.0 inch or more	Thunderstorms %	Heavy fog, visibility 1/2 mile or less	90° and above	32° and below	32° and below
																				(Local time)																						
(a)				27		27			27		27		27		27		27		24	18																						
J	38.4	12.9	25.7	66	1975	-28	1949	1218	0	0.61	1.63	1969	0.05	1972	0.87	1954	29.8	1949	11.8	1957	66	60																				
F	44.2	18.6	31.4	73	1963	-27	1949	941	0	0.70	1.50	1962	0.01	1972	0.74	1953	18.8	1971	9.2	1971	62	54																				
M	52.4	23.7	38.1	78	1972	-14	1966	834	0	1.04	1.83	1952	0.00	1972	1.16	1953	20.2	1973	10.4	1969	45	37																				
A	62.9	31.4	47.2	87	1959	9	1975	534	0	0.90	2.28	1973	0.02	1955	1.06	1973	24.4	1973	11.2	1973	34	28																				
M	73.7	39.3	56.5	94	1967	17	1975	274	10	0.61	1.87	1975	T	1963	1.00	1975	11.4	1975	8.6	1975	52	28																				
J	83.5	46.8	65.2	105	1970	30	1973	82	88	0.56	2.43	1967	T	1974	1.04	1949	0.0		0.0		23	17																				
J	92.8	55.8	74.3	104	1960	38	1964	0	288	0.51	1.42	1967	0.01	1958	1.24	1967	0.0		0.0		24	20																				
A	90.3	54.8	72.6	102	1958	34	1968	7	242	0.68	2.32	1972	0.03	1957	1.05	1972	0.0		0.0		27	21																				
S	81.8	44.1	63.0	98	1950	24	1959	120	60	0.61	2.60	1967	T	1957	1.33	1970	8.4	1965	6.7	1965	28	20																				
D	68.0	33.4	50.7	90	1963	-2	1971	443	0	0.78	2.61	1972	0.00	1952	1.20	1951	17.4	1971	6.4	1971	35	28																				
N	52.0	22.5	37.3	76	1965	-13	1958	831	0	0.67	2.10	1963	0.06	1956	1.01	1964	14.0	1963	8.3	1964	51	46																				
D	41.3	15.8	28.6	65	1958	-32	1972	1128	0	0.73	2.45	1966	0.05	1955	1.03	1972	30.6	1972	16.3	1949	65	60																				
YR	65.1	33.3	49.2	105	JUN 1970	-32	DEC 1972	6412	688	8.40	2.61	OCT 1972	0.00	MAR 1972	1.33	SEP 1970	30.6	DEC 1972	16.3	DIC 1949	41	35																				

Means and extremes above are from existing and comparable exposures. Annual extremes have been exceeded at other sites in the locality as follows: Lowest temperature -34 in January 1937; maximum monthly precipitation 3.75 in October 1946 and earlier; maximum precipitation in 24 hours 1.92 in October 1916.

(a) Length of record, years, through the current year unless otherwise noted, based on January data.

(b) 70° and above at Alaskan stations.

\* Less than one half.

T Trace.

NORMALS - Based on record for the 1941-1970 period.

DATE OF AN EXTREME - The most recent in cases of multiple occurrence.

PREVAILING WIND DIRECTION - Record through 1963.

WIND DIRECTION - Numerals indicate tens of degrees clockwise from true north. 00 indicates calm.

FASTEST MILE WIND - Speed is fastest observed 1-minute value when the direction is in tens of degrees.

% Through 1964. The station did not operate 24 hours daily. Fog and thunderstorm data may be incomplete.

\$ Through 1966.

c Through 1971 plus 1974.

1930	29.0	32.0	34.8	30.1	27.4	27.0	29.4	28.0	29.5	31.3	30.8	29.2
1937	7.0	28.1	41.4	46.6	60.9	64.8	75.4	74.3	66.2	51.6	41.3	33.0
1938	30.6	32.5	30.8	48.5	54.5	60.1	72.1	73.0	66.6	51.1	28.4	30.4
1939	25.9	20.6	42.8	52.2	60.0	67.5	75.8	75.6	63.8	49.8	40.7	36.2
1940	31.8	35.6	42.6	50.0	63.1	71.4	76.4	76.4	64.4	53.0	35.1	30.0
1941	32.4	39.2	41.0	44.0	59.3	64.0	73.0	70.1	58.6	46.2	38.6	31.6
1942	25.9	28.2	36.8	47.9	53.6	65.4	76.6	72.6	62.6	51.2	37.8	32.6
1943	29.1	31.6	40.7	53.6	57.0	62.6	75.4	74.2	67.2	53.2	39.0	29.9
1944	18.2	24.5	34.1	44.2	55.8	61.5	73.0	72.8	63.8	53.8	36.8	28.8
1945	27.8	34.0	37.0	46.2	57.0	61.1	73.8	71.9	61.0	53.4	37.0	26.4
1946	22.5	28.4	40.6	52.4	56.6	69.0	76.2	75.2	63.8	45.5	35.8	33.4
#1947	19.2	38.2	43.2	47.6	59.8	62.7	72.6	72.0	62.8	53.1	31.2	27.4
1948	28.0	28.0	31.5	48.1	55.8	63.8	73.0	71.0	64.0	49.7	37.7	23.8
1949	6.8	14.7	36.8	51.6	56.6	65.2	73.2	70.6	65.0	47.6	42.4	23.0
1950	21.2	32.0	39.8	48.4	53.9	63.9	72.9	70.9	61.8	58.8	42.2	31.6
1951	26.8	32.9	36.6	48.3	56.9	64.5	75.4	71.3	64.1	48.8	34.5	22.7
1952	24.4	28.4	34.9	48.3	58.1	65.3	75.7	73.9	61.1	49.7	31.3	32.8
1953	37.6	29.7	40.4	46.2	50.3	65.9	76.6	71.3	65.6	49.1	41.8	23.4
1954	30.9	35.4	36.7	51.6	59.4	64.8	75.5	70.1	63.6	51.3	39.2	28.0
1955	19.4	18.9	37.9	45.1	54.9	64.3	73.4	73.4	63.1	51.8	37.1	35.0
1956	36.2	24.5	40.0	47.5	59.3	69.5	74.0	71.1	66.3	50.2	30.8	27.5
1957	21.1	36.2	41.7	47.2	53.7	65.3	75.7	73.9	61.1	49.7	31.3	32.8
1958	36.1	39.4	35.8	44.3	59.7	67.5	73.5	75.4	63.9	52.0	33.7	34.6
1959	31.3	31.4	30.0	49.5	54.6	70.0	75.8	72.7	60.4	50.3	37.6	28.1
1960	21.0	29.4	43.2	48.8	56.8	70.0	76.4	72.3	66.9	50.3	39.6	28.6
1961	26.6	35.9	38.7	46.8	56.7	70.8	75.2	72.9	57.8	48.0	33.3	28.4
1962	19.3	31.8	34.4	50.8	54.7	64.0	70.9	71.5	64.1	52.1	41.2	27.4
1963	22.7	37.2	37.5	46.1	51.2	63.5	74.9	73.9	66.0	49.0	33.7	25.1
1964	26.2	35.7	44.9	54.9	63.9	75.1	71.8	66.7	64.1	53.5	41.6	47.5
1965	31.6	30.9	37.2	47.4	52.8	61.8	72.2	69.9	56.3	51.9	42.3	29.1
1966	24.9	28.9	38.6	47.6	59.8	66.1	74.9	73.4	64.1	49.3	41.5	26.0
1967	21.1	33.6	42.5	48.8	54.4	62.1	75.3	75.7	64.2	52.3	41.8	19.6
1968	24.1	39.5	41.5	42.7	54.6	67.2	74.3	67.9	61.0	50.9	37.9	25.2
1969	33.0	32.4	35.1	48.2	61.2	68.1	74.9	77.1	66.7	44.5	38.0	31.8
1970	31.0	37.8	37.0	41.7	57.1	66.1	75.1	75.9	59.2	46.0	40.0	30.1
1971	29.8	30.4	34.4	46.7	52.9	66.1	75.7	74.2	58.7	45.0	34.8	25.1
1972	29.1	35.7	44.3	47.6	56.7	68.2	75.7	70.5	61.0	49.6	34.9	15.8
1973	14.3	29.0	35.9	42.7	56.8	64.5	72.5	72.2	58.9	49.2	37.5	30.4
1974	20.9	26.9	43.3	44.3	59.4	69.3	73.9	70.5	62.8	49.9	37.9	25.5
1975	24.2	30.2	36.4	49.3	49.9	62.4	73.1	69.2	62.7	47.8	33.4	28.9
RECORD												
MEAN	25.3	32.0	39.4	47.4	56.6	65.6	74.3	72.2	62.2	50.0	37.1	27.8
MAX	38.0	44.6	53.8	63.1	73.7	84.2	92.5	89.9	81.0	67.6	52.2	40.9
MIN	12.6	19.3	25.0	31.6	39.4	46.9	56.0	54.4	43.4	32.4	21.9	14.6

1955-56	0	0	140	404	832	923	886	1167	771	519	189	16
1956-57	0	0	53	453	1017	1156	1203	802	716	531	347	68
1957-58	0	9	127	471	1006	993	1181	709	897	613	184	34
1958-59	0	0	131	399	936	1040	935	796	796	459	316	21
1959-60	0	0	182	450	814	1136	1358	1026	669	479	264	6
1960-61	0	14	31	442	756	1121	1184	808	809	560	252	34
1961-62	0	0	223	519	945	1126	1407	924	941	425	310	97
1962-63	4	12	67	392	707	1159	1305	774	843	619	149	81
1963-64	0	4	29	265	776	1201	1258	1137	997	596	325	104
1964-65	0	29	147	355	996	995	1029	949	855	523	374	109
1965-66	0	3	264	399	674	1103	1239	1005	811	516	161	58
1966-67	0	7	75	478	700	1205	1354	872	688	662	336	131
1967-68	0	0	88	390	688	1403	1260	731	720	660	322	65
1968-69	1	35	179	429	806	1227	983	907	920	499	125	87
1969-70	0	0	32	637	863	1022	1047	755	861	689	244	86
1970-71	0	0	215	583	746	1072	1088	962	819	540	367	78
1971-72	0	0	224	612	899	1229	1107	847	631	518	265	5
1972-73	0	6	132	470	898	1523	1570	1003	895	660	243	111
1973-74	0	8	194	486	815	1063	1362	1062	667	614	188	41
1974-75	0	4	124	460	807	1219	1258	969	880	755	464	107
1975-76	0	7	100	527	944	1113						

### Cooling Degree Days

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
1949	0	0	0	0	14	35	314	383	89	0	0	0	835
1970	0	0	0	0	7	124	322	347	46	0	0	0	846
1971	0	0	0	0	0	118	336	291	41	0	0	0	786
1972	0	0	0	0	15	103	338	185	18	0	0	0	659
1973	0	0	0	0	0	102	239	241	16	0	0	0	598
1974	0	0	0	0	20	172	248	184	66	0	0	0	704
1975	0	0	0	0	0	37	260	141	37	0	0	0	475

### Precipitation

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1936	0.26	1.30	0.96	0.14	0.15	0.54	2.85	1.20	0.19	0.94	0.20	0.79	9.52
1937	1.24	0.47	1.46	0.10	1.04	0.21	2.07	0.26	0.69	0.21	0.21	0.98	8.94
1938	0.57	1.61	1.64	0.39	1.24	0.34	0.24	0.69	0.85	0.50	0.98	8.94	
1939	0.37	0.25	0.29	0.16	0.34	0.21	0.17	0.63	2.18	0.57	0.05	0.04	5.26
1940	0.20	0.50	0.25	0.28	T	0.28	0.27	0.19	1.58	0.87	0.37	0.71	5.50
1941	0.10	1.09	1.58	1.92	1.05	0.33	0.28	0.36	1.04	3.75	0.28	1.44	13.22
1942	0.12	0.48	0.87	1.22	0.25	T	0.40	1.88	0.17	0.57	0.85	0.30	7.21
1943	0.67	1.24	1.22	0.48	0.13	0.84	0.52	1.47	0.67	0.51	0.43	8.26	
1944	1.44	0.69	1.68	1.10	0.16	0.70	1.01	0.64	0.13	0.10	1.31	3.80	8.06
1945	0.31	0.60	2.64	0.69	0.69	0.52	1.27	0.96	0.04	0.90	0.32	0.55	9.49
1946	0.58	0.32	0.84	1.00	0.75	0.00	0.30	0.49	T	3.75	2.05	1.05	11.13
#1947	0.28	0.11	0.30	0.84	1.82	2.09	0.08	2.03	0.01	1.26	0.87	2.29	11.98
1948	0.20	0.80	1.38	0.67	T	1.26	T	0.95	0.07	0.99	0.05	0.62	6.99
1949	1.00	0.17	1.03	0.17	0.70	1.25	0.92	0.29	0.64	0.55	0.15	1.98	9.42
1950	1.16	0.19	0.79	0.11	0.38	T	0.96	0.18	0.01	0.20	0.17	0.33	4.48
1951	0.38	0.42	0.48	1.63	1.58	T	0.76	1.07	0.48	1.82	0.76	1.81	10.69
1952	0.83	0.74	1.83	0.76	0.71	0.35	0.07	1.22	0.45	0.00	0.32	0.44	7.72
1953	0.40	0.77	1.23	1.02	0.46	0.06	1.22	0.03	T	0.87	0.13	0.38	6.57
1954	1.53	0.20	1.31	0.43	1.10	0.35	1.01	1.04	0.35	0.23	0.67	0.56	8.98
1955	0.60	0.86	0.13	0.02	0.29	0.34	1.01	1.69	0.32	0.17	0.47	0.05	5.95
1956	0.51	1.04	0.30	1.35	0.51	0.73	0.29	0.03	T	0.11	0.06	0.13	5.06
1957	1.27	0.21	0.92	1.43	1.19	0.66	0.18	0.03	T	1.24	1.13	0.15	8.41
1958	0.64	0.89	1.15	0.74	1.19	T	0.01	0.47	0.48	0.07	0.77	0.07	6.48
1959	0.24	1.34	0.90	0.19	0.34	0.07	0.10	0.51	0.33	0.35	0.27	1.00	5.64
1960	0.38	0.71	1.26	0.63	0.48	0.01	0.12	0.18	0.88	0.94	0.93	0.26	6.78
1961	0.42	0.28	1.45	1.21	0.30	T	0.26	0.84	1.66	0.54	0.47	0.49	7.92
1962	0.39	1.50	0.95	0.21	0.98	0.24	0.36	0.13	1.21	0.55	0.19	0.44	7.15
1963	0.19	0.77	0.83	0.98	T	1.23	0.05	0.59	1.24	0.40	2.10	0.18	

Location	Occupied from	Occupied to	Airline distance and direction from previous location	Latitude		Longitude		level	Wind instruments	Extreme thermometers	Psychrometer	Telepsychrometer	Tipping bucket rain gage	Weighing rain gage	8" rain gage	Hygrothermometer	Pyranometer	Remarks
				North	West	Ground at temperature site												
<u>COOPERATIVE</u>																		
W. W. Hall Residence	11/06/06	12/31/06		38° 24'	113° 01'													
Lou Manners Observer	8/18/07	12/31/07		38° 24'	113° 01'													
C. M. Temple Residence	1/01/08	6/30/10		38° 24'	113° 01'	4962		5	5						3			
J. C. Manual Observer	7/01/10	5/30/11		38° 24'	113° 01'													
H. F. Aller Observer	6/01/11	7/31/11		38° 24'	113° 01'													
F. J. Boudreau Observer	8/01/11	9/30/13		38° 24'	113° 01'													
J. W. Evans Observer	10/01/13	5/31/14		38° 24'	113° 01'													
John Krall Observer	5/31/14	12/31/15		38° 24'	113° 01'													
Charles Beard Residence (2 blocks South of P. O.)	1/01/16	10/ ?/30		38° 24'	113° 01'	4962		5	5						3			
Charles Beard Residence	10/ ?/30	9/30/36	100 ft. W	38° 24'	113° 01'	4962		5	5						3			
<u>AIRPORT</u>																		
CAA Station (1 mile West of Intermediate Landing Field 1.5 miles NW of Post Office)	4/06/32	7/25/47	2 mi. WNW	38° 25'	113° 02'	5091	40	5	5				b6	a6				a - Added about 1937. b - Added 11/21/40.
FAA Station (Intermediate Landing Field 1.6 miles North of Post Office) Milford Airport	7/25/47	Present	2 mi. NE	38° 26'	113° 01'	5028	c26	5	5				5	4				CAA to 7/23/48; WBAS-CAA to 2/1/52; WBAS (National Weather Service) to present. c - 24 feet to 7/14/49.

Requests for additional climatic information should be addressed to: Director, National Climatic Center, Federal Building, Asheville, N. C. 28801

Sale Price: 20 cents per copy. Checks and money orders should be made payable to Department of Commerce, NOAA. Remittances and correspondence regarding this publication should be sent to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

*Thomas D. Potter*  
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE - 800

U.S. DEPARTMENT OF COMMERCE  
NATIONAL CLIMATIC CENTER  
FEDERAL BUILDING  
ASHEVILLE, N. C. 28801

AN EQUAL OPPORTUNITY EMPLOYER

POSTAGE AND FEES PAID  
U.S. DEPARTMENT OF COMMERCE

210



FIRST CLASS





# MILFORD, UTAH



## Narrative Climatological Summary

Milford is located in Beaver County in the west-central portion of the State. The City is situated in a flat to gently sloping valley 15 to 20 miles in width. The Mineral Mountains, 10 miles to the east of the station, and the San Francisco Range, 15 miles to the northwest, rise about 5,000 feet above the valley floor.

The station is in the Sevier River Basin, and drainage is toward the north. The Beaver River just to the east extends north-south through the valley, but no significant body of water is reached by it. The river is dry most of the time due to the low annual rainfall in the area, and to the Minersville Reservoir 6 miles east of Minersville, which regulates the flow of water in the stream. Water for the irrigation of agricultural land in the valley is obtained from the diversion of surface water from this reservoir and from numerous deep wells.

The climate is temperate and dry. The average annual precipitation is between 8 and 9 inches and, except for the irrigated land in the valley, vegetation is of the mid-latitude steppe type. Only one month, March, has a normal precipitation amount greater than one inch. Irrigation water is necessary for the economic production of most crops.

Snowfall is rather evenly distributed during the season. The snow is usually light and powdery with below average moisture content. January, the coldest month of the year, has the greatest average monthly total.

Relative humidity is rather low during the summer months. It increases considerably in the change from summer to winter, and winters are cold and uncomfortable. In four out of five years the temperature can be expected to drop to 10° below zero or lower.

Summers are characterized by warm days and cool nights. Temperatures of 100° or more occur about once in every two years. July is the hottest month with maximum temperatures on most days above 90°.

The average growing season is 128 days, rather short for a station near latitude 38° and at an altitude of 5,028 feet. This is due, in part, to the mid-latitude steppe type of climate which normally allows strong radiational cooling during the nighttime hours. The average date of the last freezing temperature, 32° or lower, in the spring is May 21, and the average date of the first freezing temperature in the fall is September 26.

The longest and shortest growing seasons on record are 179 and 80 days, respectively. Considering long-term record, freezing temperatures have occurred as early as August 9, and as late as June 21.

Diurnal heating is a factor in producing strong southerly winds during the spring and summer months. Winter winds may cause considerable drifting snow, with resultant hazards to stock and transportation in the area.

Low pressure storm systems are rare during the summer months. Precipitation during this period occurs as showers or thundershowers and rainfall amounts from these storms are quite variable. As winter approaches, the number of atmospheric disturbances increases, reaching a maximum in the spring of the year.



Year	July	Aug	Sept	Oct	Nov	Dec	Annual
1937	7.0	28.1	41.4	46.6	60.9	64.8	75.4
1938	30.6	32.3	39.8	48.5	54.5	66.1	72.1
1939	25.9	20.0	42.8	52.2	60.0	67.5	75.8
1940	31.8	35.6	42.6	50.0	63.1	71.4	76.4
1941	32.4	39.2	41.0	44.0	59.3	64.0	73.0
1942	25.3	28.0	31.3	35.6	42.4	52.6	72.6
1943	29.1	31.6	37.7	53.6	57.0	62.6	75.4
1944	18.2	24.5	34.1	44.2	55.8	61.5	73.0
1945	27.8	34.0	37.0	42.6	57.0	61.1	73.8
1946	22.5	28.4	40.6	52.4	56.6	69.0	76.2
#1947	19.2	38.2	43.2	47.6	59.8	62.7	72.6
1948	28.3	28.0	31.3	48.1	55.8	65.8	75.0
1949	18.9	14.7	36.5	45.2	54.8	65.2	72.8
1950	21.2	36.0	39.8	48.4	53.9	63.9	72.9
1951	26.8	32.9	36.6	48.3	56.9	64.5	75.4
1952	24.4	28.4	34.3	48.3	58.1	65.3	73.7
1953	37.6	29.7	40.4	46.2	50.3	65.9	76.4
1954	30.9	35.4	38.7	51.0	59.4	64.8	75.3
1955	19.4	18.9	37.9	45.1	54.9	64.3	73.4
1956	36.2	45.5	40.0	47.5	59.3	69.5	74.0
1957	26.1	36.2	41.7	47.2	53.7	66.3	73.7
1958	26.7	39.4	35.8	44.3	59.7	67.5	72.5
1959	31.3	31.4	39.0	49.9	54.6	70.0	75.8
1960	21.0	29.4	43.2	48.8	56.8	70.4	76.4
1961	26.6	35.9	38.7	46.8	56.7	70.8	75.2
1962	19.3	31.8	34.4	50.6	54.7	64.0	70.9
1963	22.7	37.2	37.5	44.1	60.2	63.6	74.3
1964	24.2	25.7	32.6	44.9	54.3	63.3	75.1
1965	31.4	30.9	37.2	47.4	52.8	61.4	72.2
1966	24.9	28.9	38.6	47.4	59.8	66.1	74.9
1967	21.1	33.6	42.5	42.8	54.4	62.1	75.3
1968	24.1	39.5	41.5	42.7	54.6	67.2	74.3
1969	33.0	32.4	35.1	48.2	61.2	63.1	74.9
1970	31.0	37.8	37.0	41.7	57.1	75.1	75.9
1971	29.8	30.4	38.4	46.7	52.9	66.1	75.7
1972	29.1	35.3	47.3	48.2	58.2	75.7	77.2
1973	14.3	29.0	35.9	42.7	56.8	64.3	72.5
1974	20.9	26.9	33.9	44.3	59.4	73.3	70.5
1975	24.2	30.2	36.4	39.5	49.9	62.4	73.1
1976	26.2	34.4	32.3	44.7	58.1	63.5	74.7
RECORD MEAN	25.3	32.0	39.3	47.4	56.6	65.5	74.3
MAX	38.0	44.6	53.7	63.1	73.8	84.3	92.9
MIN	12.6	19.3	24.8	31.6	39.4	46.8	56.0

Season	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Total
1956-57	0	0	53	453	1017	1156	1203	802	716	581	347	68	6946
1957-58	0	9	127	471	1006	993	1181	709	897	613	184	34	6224
1958-59	0	0	131	399	930	936	1040	935	796	459	316	21	5963
1959-60	0	0	182	450	814	1136	1358	1026	669	479	264	6	6384
1960-61	0	14	31	442	756	1121	1184	808	809	540	232	34	5991
1961-62	0	0	223	519	943	1124	1007	924	941	425	310	97	6917
1962-63	4	12	67	992	707	1159	1053	774	843	619	149	81	6112
1963-64	0	4	29	265	776	1201	1258	1137	997	596	325	104	6692
1964-65	0	29	147	355	996	995	1029	949	855	523	274	109	6361
1965-66	0	3	264	399	674	1103	1239	1005	811	516	161	58	6233
1966-67	0	7	75	478	700	1205	1254	872	688	662	356	131	6508
1967-68	0	0	88	390	688	1403	1260	731	720	680	322	63	6327
1968-69	1	35	179	429	806	1227	983	907	920	499	125	87	6198
1969-70	0	0	32	637	863	1022	1047	755	861	689	244	86	6236
1970-71	0	0	215	583	746	1072	1088	962	819	540	367	78	6470
1971-72	0	0	224	612	899	1229	1107	847	631	516	265	5	6335
1972-73	0	6	132	470	898	1323	1570	1003	895	680	243	111	7311
1973-74	0	8	194	486	813	1063	1262	1062	827	614	188	41	6500
1974-75	0	4	124	460	807	1219	1258	969	880	753	464	107	7047
1975-76	0	7	100	327	944	1113	1197	880	1006	602	270	93	6676
1976-77	0	3	84	539	814	1183							

### Cooling Degree Days

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
1969	0	0	0	0	14	35	314	383	89	0	0	0	835
1970	0	0	0	0	7	124	322	347	46	0	0	0	846
1971	0	0	0	0	0	118	336	291	41	0	0	0	786
1972	0	0	0	0	15	103	338	185	18	0	0	0	659
1973	0	0	0	0	0	102	239	241	16	0	0	0	598
1974	0	0	0	0	20	172	266	184	66	0	0	0	708
1975	0	0	0	0	0	37	260	141	37	0	0	0	475
1976	0	0	0	0	0	55	306	121	30	0	0	0	512

### Precipitation

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1937	1.24	0.47	1.44	0.10	1.04	0.21	2.07	0.26	0.69	0.21	0.21	0.98	8.94
1938	0.57	1.61	1.64	0.39	1.24	0.34	0.24	0.69	0.29	0.85	0.30	0.98	8.94
1939	0.37	0.25	0.29	0.18	0.34	0.21	0.17	0.63	2.18	0.57	0.05	0.04	5.26
1940	0.20	0.50	0.25	0.28	0.28	0.27	0.19	1.58	0.87	0.37	0.71		5.90
1941	0.10	1.09	1.58	1.92	1.05	0.33	0.28	0.36	1.04	3.75	0.28	1.44	13.22
1942	0.12	0.48	0.87	1.22	0.35	0.40	1.88	0.17	0.57	0.88	0.30	0.70	7.21
1943	0.67	1.24	1.22	0.48	0.13	0.84	0.7	0.52	1.47	0.65	0.61	0.43	8.26
1944	1.44	0.69	1.68	1.10	0.16	0.70	0.01	0.64	0.13	0.10	1.31	0.30	8.06
1945	0.31	0.60	2.64	0.69	0.69	0.52	1.27	0.96	0.04	0.90	0.32	0.55	9.49
1946	0.58	0.32	0.84	1.00	0.75	0.00	0.30	0.49	0.7	3.75	2.05	1.05	11.13
#1947	0.28	0.11	0.30	0.84	1.82	2.09	0.08	2.03	0.01	1.26	0.87	2.23	11.98
1948	0.20	0.80	1.38	0.67	1.124	0.7	0.95	0.07	0.99	0.09	0.62	0.99	6.99
1949	1.00	0.74	1.03	0.17	0.70	1.25	0.92	0.29	0.64	0.35	0.15	1.98	9.42
1950	1.16	0.19	0.79	0.11	0.38	T	0.98	0.18	0.01	0.20	0.17	0.23	4.48
1951	0.38	0.42	0.48	1.63	1.58	T	0.76	1.07	0.46	1.82	0.76	1.31	10.69
1952	0.83	0.74	1.83	0.78	0.71	0.35	0.07	1.22	0.45	0.32	0.22	0.44	7.72
1953	0.40	0.77	1.23	1.02	0.64	0.06	1.22	0.05	0.7	0.87	0.12	0.38	6.87
1954	1.33	0.20	1.01	0.43	1.10	0.35	1.01	1.04	0.55	0.23	0.67	0.56	8.98
1955	0.60	0.84	0.13	0.02	0.29	0.34	1.01	1.69	0.32	0.17	0.47	0.03	3.95
1956	0.51	1.04	0.30	1.35	0.51	0.73	0.29	0.03	T	0.11	0.06	0.13	5.06
1957	1.27	0.21	0.92	1.43	1.19	0.68	0.18	0.03	1.24	1.13	0.19	0.18	8.41
1958	0.64	0.89	1.15	0.74	1.19	T	0.01	0.47	0.46	0.07	0.77	0.07	6.48
1959	0.24	1.34	0.90	0.19	0.34	0.07	0.10	0.51	0.33	0.39	0.27	1.00	5.64
1960	0.38	0.71	1.26	0.63	0.48	0.01	0.12	0.18	0.88	0.94	0.93	0.26	6.78
1961	0.42	0.28	1.45	1.21	0.30	T	0.26	0.84	1.66	0.54	0.47	0.49	7.92
1962	0.39	1.50	0.99	0.21	0.98	0.24	0.36	0.13	1.21	0.55	0.19	0.44	7.15
1963	0.19	0.77	0.83	0.98	1.23	0.05	0.59	1.24	0.40	2.10	0.18		8.56
1964	0.45	0.31	1.02	1.89	0.62	1.03	0.12	0.42	0.80	0.02	1.38	0.56	8.66
1965	0.59	1.01	0.68	1.31	0.65	0.62	0.34	0.79	1.60	0.03	1.23	1.06	10.80
1966	0.57	0.88	0.42	0.59	0.28	0.11	0.15	0.40	0.25	0.99	0.34	2.45	7.43
1967	1.07	0.20	1.10	0.41	0.55	2.43	1.42	0.32	2.60	0.22	0.52	0.83	11.67
1968	0.17	0.87	1.08	1.33	0.46	0.15	0.97	0.98	0.12	0.93	0.27	0.83	8.16
1969	1.63	1.27	1.17	1.76	0.27	1.22	1.36	0.64	0.44	0.90	0.63	0.34	11.63
1970	0.23	0.35	0.81	1.09	0.08	0.28	1.38	1.33	0.27	0.74	0.43	0.54	7.82
1971	0.25	1.30	0.31	0.91	1.06	0.15	0.48	1.59	0.49	2.47	0.20	1.33	10.82
1972	0.05	0.01	0.00	0.99	0.02	0.64	0.04	2.52	0.62	2.61	0.95	2.21	10.65
1973	0.71	0.61	1.65	2.28	0.96	0.89	0.49	0.67	0.15	0.77	0.87	0.44	10.49
1974	1.51	0.38	0.45	0.82	0.01	T	1.03	0.23	0.19	1.29	0.38	1.16	6.43
1975	0.35	0.50	1.40	0.60	1.87	0.70	1.37	0.74	1.02	0.35	0.76	0.46	9.12
1976	0.37	1.67	1.06	1.									

Location	Occupied from	Occupied to	Airline distance and direction from previous location	Latitude North	Longitude West	Elevation											Remarks
						Sea level	Ground										
						Ground at temperature site	Wind instruments	Extreme thermometers	Psychrometer	Telepsychrometer	Tipping bucket rain gage	Weighting rain gage	8" rain gage	Hygrothermometer	Pyranometer		
<u>COOPERATIVE</u>																	
W. W. Hall Residence	11/06/06	12/31/06		38° 24'	113° 01'												
Lou Manners Observer	8/18/07	12/31/07		38° 24'	113° 01'												
C. M. Temple Residence	1/01/08	6/30/10		38° 24'	113° 01'	4962		5	5					3			
J. C. Manual Observer	7/01/10	5/30/11		38° 24'	113° 01'												
H. F. Aller Observer	6/01/11	7/31/11		38° 24'	113° 01'												
F. J. Boudreau Observer	8/01/11	9/30/13		38° 24'	113° 01'												
J. W. Evans Observer	10/01/13	5/31/14		38° 24'	113° 01'												
John Krall Observer	5/31/14	12/31/15		38° 24'	113° 01'												
Charles Beard Residence (2 blocks South of P. D.)	1/01/16	10/ ?/30		38° 24'	113° 01'	4962		5	5					3			
Charles Beard Residence	10/ ?/30	9/30/36	100 ft. W	38° 24'	113° 01'	4962		5	5					3			
<u>AIRPORT</u>																	
CAA Station (1 mile West of Intermediate Landing Field 1.5 miles NW of Post Office)	4/06/32	7/25/47	2 mi. WNW	38° 25'	113° 02'	5091	40	5	5			b6	a6			a - Added about 1937. b - Added 11/21/40.	
FAA Station (Intermediate Landing Field 1.6 miles North of Post Office) Milford Airport	7/25/47	Present	2 mi. NE	38° 26'	113° 01'	5028	c26	5	5			5	4			CAA to 7/23/48; WBAS-CAA to 2/1/52; WBAS (National Weather Service) to present. c - 24 feet to 7/14/49.	

Requests for additional climatic information should be addressed to: Director, National Climatic Center, Federal Building, Asheville, N. C. 28801

Sale Price: 20 cents per copy. Checks and money orders should be made payable to Department of Commerce, NOAA. Remittances and correspondence regarding this publication should be sent to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

*David B. Mitchell*  
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE - 800

U. S. DEPARTMENT OF COMMERCE  
NATIONAL CLIMATIC CENTER  
FEDERAL BUILDING  
ASHEVILLE, N. C. 28801

AN EQUAL OPPORTUNITY EMPLOYER

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE

210



FIRST CLASS

## MILFORD, UTAH



## Narrative Climatological Summary

Milford is located in Beaver County in the west-central portion of the State. The City is situated in a flat to gently sloping valley 15 to 20 miles in width. The Mineral Mountains, 10 miles to the east of the station, and the San Francisco Range, 15 miles to the northwest, rise about 5,000 feet above the valley floor.

The station is in the Sevier River Basin, and drainage is toward the north. The Beaver River just to the east extends north-south through the valley, but no significant body of water is reached by it. The river is dry most of the time due to the low annual rainfall in the area, and to the Minersville Reservoir 6 miles east of Minersville, which regulates the flow of water in the stream. Water for the irrigation of agricultural land in the valley is obtained from the diversion of surface water from this reservoir and from numerous deep wells.

The climate is temperate and dry. The average annual precipitation is between 8 and 9 inches and, except for the irrigated land in the valley, vegetation is of the mid-latitude steppe type. Only one month, March, has a normal precipitation amount greater than one inch. Irrigation water is necessary for the economic production of most crops.

Snowfall is rather evenly distributed during the season. The snow is usually light and powdery with below average moisture content. January, the coldest month of the year, has the greatest average monthly total.

Relative humidity is rather low during the summer months. It increases considerably in the change from summer to winter, and winters are cold and uncomfortable. In four out of five years the temperature can be expected to drop to 10° below zero or lower.

Summers are characterized by warm days and cool nights. Temperatures of 100° or more occur about once in every two years. July is the hottest month with maximum temperatures on most days above 90°.

The average growing season is 128 days, rather short for a station near latitude 38° and at an altitude of 5,028 feet. This is due, in part, to the mid-latitude steppe type of climate which normally allows strong radiational cooling during the nighttime hours. The average date of the last freezing temperature, 32° or lower, in the spring is May 21, and the average date of the first freezing temperature in the fall is September 26.

The longest and shortest growing seasons on record are 179 and 80 days, respectively. Considering long-term record, freezing temperatures have occurred as early as August 9, and as late as June 21.

Diurnal heating is a factor in producing strong southerly winds during the spring and summer months. Winter winds may cause considerable drifting snow, with resultant hazards to stock and transportation in the area.

Low pressure storm systems are rare during the summer months. Precipitation during this period occurs as showers or thundershowers and rainfall amounts from these storms are quite variable. As winter approaches, the number of atmospheric disturbances increases, reaching a maximum in the spring of the year.



# Average Temperature

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1938	30.4	32.5	39.8	48.5	54.5	66.1	72.1	73.0	66.6	51.1	28.4	30.4	49.5
1939	25.9	20.8	42.8	52.2	60.0	67.8	75.8	75.6	63.8	49.0	40.7	36.2	50.9
1940	31.8	35.6	42.6	50.0	60.1	67.4	71.4	76.4	64.4	53.0	30.1	30.0	52.3
1941	32.4	39.2	41.0	44.0	59.3	64.0	73.0	70.1	58.6	46.2	38.6	31.6	49.8
1942	25.9	28.2	36.8	47.9	53.0	65.4	76.6	72.0	62.6	51.2	37.8	32.6	49.3
1943	29.1	31.6	40.7	53.6	57.0	62.6	75.4	74.2	67.2	53.2	39.0	29.9	51.1
1944	18.2	24.3	40.1	44.2	55.8	61.5	73.0	72.8	63.8	53.8	36.8	28.8	47.3
1945	27.8	34.0	37.0	42.6	57.0	61.1	73.8	71.9	61.0	53.4	37.0	26.4	48.6
1946	22.5	28.4	40.4	52.4	56.6	69.0	76.2	75.2	63.8	45.5	35.8	33.4	50.0
#1947	19.2	38.2	43.2	47.6	59.8	62.7	72.6	72.0	62.8	51.1	31.2	27.4	49.2
1948	28.0	28.0	31.5	48.1	59.8	63.8	73.0	71.0	64.0	49.7	33.7	23.8	47.5
1949	6.8	14.7	36.8	51.6	56.6	65.2	73.2	70.6	65.0	47.6	42.4	23.0	46.1
1950	21.2	36.0	39.8	48.4	53.9	63.9	72.9	70.9	61.8	55.8	42.2	31.6	49.9
1951	26.8	32.9	36.4	48.3	56.9	64.5	75.4	71.3	64.1	48.8	34.5	22.7	48.6
1952	24.4	28.4	34.3	48.3	56.1	65.3	75.7	74.8	64.4	54.9	32.5	30.7	49.1
1953	30.6	29.7	40.4	46.2	50.3	65.9	76.6	71.9	65.6	49.1	41.8	23.4	49.8
1954	37.3	35.4	36.7	51.6	59.4	64.8	75.9	70.1	63.6	51.3	39.2	28.0	50.6
1955	19.4	18.9	37.9	45.1	54.9	64.3	73.4	73.4	63.1	51.8	37.1	35.0	47.9
1956	36.2	24.5	40.0	47.5	59.3	69.5	74.0	71.1	66.3	50.2	30.8	27.5	49.7
1957	26.1	37.2	41.7	47.2	59.7	66.5	75.7	73.2	61.4	49.7	31.3	32.8	49.4
1958	29.8	34.9	39.8	44.8	53.8	63.8	75.5	71.8	60.1	53.8	31.6	26.5	50.4
1959	31.3	31.4	39.0	49.5	54.6	70.0	75.8	72.7	60.4	50.3	37.6	28.1	50.0
1960	21.0	29.2	43.2	48.8	60.0	70.0	76.4	72.3	66.9	50.5	39.6	28.6	50.3
1961	26.6	35.9	38.7	46.8	56.7	70.8	75.2	72.9	57.8	48.0	33.3	28.4	49.3
1962	19.3	31.8	34.4	50.6	54.7	64.0	70.9	71.5	61.1	52.1	41.2	27.4	48.5
1963	22.7	37.2	37.5	44.1	50.2	63.8	74.9	73.5	66.0	56.3	38.9	26.1	50.0
1964	24.2	25.7	32.6	44.9	48.9	63.8	75.1	71.8	60.1	53.8	31.6	26.5	50.4
1965	31.6	30.9	37.2	47.4	52.8	61.8	72.2	69.9	56.3	51.9	42.3	29.1	48.6
1966	24.9	28.9	38.6	47.6	59.8	66.1	74.9	73.4	64.1	49.3	41.5	26.0	49.6
1967	21.1	33.6	42.8	54.4	62.1	75.3	75.7	64.2	52.3	41.8	19.6	18.6	48.8
1968	24.1	39.5	41.5	42.7	54.6	67.2	74.3	67.9	61.0	50.9	37.9	25.2	48.9
1969	33.0	32.4	35.1	48.2	61.2	69.1	74.9	77.1	66.7	44.1	36.0	31.8	50.3
1970	31.0	37.8	37.0	41.7	57.1	66.1	75.1	75.9	59.2	46.0	40.0	30.1	49.7
1971	29.8	30.4	38.4	46.7	52.9	66.1	75.7	74.2	61.8	54.8	34.8	25.1	48.2
1972	29.1	35.7	44.3	47.6	56.7	68.2	75.7	70.5	61.0	49.6	34.9	15.8	49.1
1973	14.3	29.0	35.9	42.7	56.8	64.5	72.5	72.2	58.9	49.2	37.5	30.4	47.0
1974	20.9	26.9	43.3	44.3	59.4	69.2	73.3	70.5	62.8	49.9	37.9	25.5	48.7
1975	24.2	30.2	36.4	39.5	49.9	62.4	73.1	69.2	62.7	47.8	33.4	28.9	46.5
1976	26.2	34.4	32.3	44.7	58.1	63.5	74.7	68.6	62.9	47.4	37.6	26.6	48.1
1977	25.5	32.7	33.6	49.4	52.3	68.7	73.6	72.2	63.4	51.9	38.8	35.8	49.8
RECORD													
MEAN	25.3	32.0	39.2	47.3	56.5	65.6	74.3	72.1	62.3	50.0	37.1	27.9	49.2
MAX	38.1	44.8	53.6	63.1	73.6	84.3	92.5	89.8	81.0	67.6	52.3	41.1	65.2
MIN	12.5	19.2	24.7	31.3	39.4	48.9	58.0	54.3	43.5	22.4	21.8	14.6	39.1

# Heating Degree Days

MILFORD, UT

Season	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Total
1957-58	0	9	127	471	1006	993	1181	709	897	613	184	34	6224
1958-59	0	0	131	399	930	936	1040	935	796	459	316	21	5963
1959-60	0	0	182	450	814	1136	1358	1026	669	479	264	6	6384
1960-61	0	14	31	442	756	1121	1184	808	809	540	252	34	5991
1961-62	0	0	223	519	945	1126	1407	924	941	423	130	97	6917
1962-63	4	12	67	392	707	1159	1305	774	843	619	149	81	6112
1963-64	0	4	29	265	776	1201	1258	1137	997	596	325	104	6692
1964-65	0	29	147	355	996	995	1029	949	855	523	374	109	6361
1965-66	0	3	264	399	674	1103	1239	1005	811	516	161	58	6238
1966-67	0	7	75	478	700	1205	1354	872	688	662	336	131	6508
1967-68	0	0	88	390	688	1403	1260	731	720	660	322	65	6327
1968-69	1	35	179	429	806	1227	983	907	920	699	125	87	6198
1969-70	0	0	32	637	863	1022	1047	755	851	689	244	86	6236
1970-71	0	0	215	583	746	1072	1088	962	819	540	367	78	6470
1971-72	0	0	224	612	899	1229	1107	847	651	516	265	5	6325
1972-73	0	6	132	470	898	1523	1570	1003	895	660	243	111	7511
1973-74	0	8	194	486	815	1063	1062	1062	667	614	188	41	6500
1974-75	0	4	124	460	807	1219	1258	969	880	755	464	107	7047
1975-76	0	7	100	527	944	1113	1197	880	1006	602	207	93	6676
1976-77	0	3	84	539	814	1183	1217	899	967	662	391	13	6572
1977-78	0	16	110	399	762	898							

# Cooling Degree Days

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
1969	0	0	0	0	14	35	314	383	89	0	0	0	835
1970	0	0	0	0	7	124	322	347	46	0	0	0	846
1971	0	0	0	0	0	118	336	291	41	0	0	0	786
1972	0	0	0	0	15	103	338	185	18	0	0	0	659
1973	0	0	0	0	0	102	239	241	16	0	0	0	598
1974	0	0	0	0	20	172	266	184	66	0	0	0	708
1975	0	0	0	0	0	37	260	141	37	0	0	0	475
1976	0	0	0	0	0	55	306	121	30	0	0	0	512
1977	0	0	0	0	2	131	273	249	67	0	0	0	722

# Precipitation

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1938	0.57	1.61	1.44	0.39	1.24	0.34	0.24	0.69	0.29	0.85	0.05	0.98	8.94
1939	0.27	0.25	0.28	0.14	0.34	0.21	0.17	0.63	2.18	0.05	0.04	0.84	5.26
1940	0.20	0.50	0.25	0.28	0.28	0.27	0.19	1.58	0.37	0.71	0.71	0.71	5.90
1941	0.10	1.09	1.58	1.92	1.05	0.33	0.28	0.36	1.04	3.75	0.28	1.44	13.22
1942	0.12	0.48	0.87	1.22	0.35	T	0.40	1.88	0.17	0.57	0.85	0.30	7.21
1943	0.67	1.24	1.22	0.48	0.13	0.84	T	0.52	1.47	0.65	0.61	0.43	8.26
1944	1.44	0.69	1.48	1.10	0.16	0.70	0.01	0.64	0.13	0.10	1.31	0.30	8.06
1945	0.31	0.60	2.64	0.69	0.69	0.52	1.27	0.96	0.04	0.90	0.32	0.35	9.49
1946	0.58	0.32	0.84	1.00	0.75	0.00	0.30	0.49	T	3.25	2.05	1.05	11.13
#1947	0.28	0.11	0.30	0.84	1.82	2.09	0.08	2.03	0.01	1.26	0.87	2.29	11.98
1948	0.20	0.80	1.38	0.67	T	1.26	T	0.95	0.07	0.99	0.05	0.62	6.99
1949	1.00	0.74	1.03	0.17	0.70	1.25	0.92	0.29	0.64	0.55	1.15	1.98	9.42
1950	1.16	0.19	0.79	0.11	0.38	T	0.96	0.18	0.01	0.20	0.17	0.33	4.48
1951	0.38	0.42	0.48	1.63	1.58	T	0.76	1.07	0.48	1.82	0.76	1.31	10.69
1952	0.83	0.74	1.83	0.76	0.71	0.35	0.07	1.22	0.45	0.00	0.32	0.44	7.72
1953	0.40	0.77	1.23	1.02	0.46	0.08	1.22	0.03	T	0.87	0.13	0.38	6.57
1954	1.53	0.20	1.31	0.43	1.10	0.35	1.01	1.04	0.55	0.23	0.67	0.56	8.98
1955	0.60	0.86	1.13	0.02	0.29	0.34	1.01	1.69	0.32	0.17	0.97	0.05	8.95
1956	0.51	1.04	0.30	1.35	0.51	0.73	0.29	0.03	T	0.11	0.06	0.13	5.06
1957	1.27</												

Location	Occupied from	Occupied to	Airline distance and direction from previous location	Latitude North	Longitude West	Elevation above											Remarks
						Sea level	Ground								Sea level		
							Ground at temperature site	Wind instruments	Extreme thermometers	Psychrometer	Telepsychrometer	Tipping bucket rain gage	Weighing rain gage	8" rain gage		Hygrothermometer	
<u>COOPERATIVE</u>																	
W. W. Hall Residence	11/06/06	12/31/06		38° 24'	113° 01'												
Lou Manners Observer	8/18/07	12/31/07		38° 24'	113° 01'												
C. M. Temple Residence	1/01/08	6/30/10		38° 24'	113° 01'	4962		5	5						3		
J. C. Manual Observer	7/01/10	5/30/11		38° 24'	113° 01'												
H. F. Aller Observer	6/01/11	7/31/11		38° 24'	113° 01'												
F. J. Boudreau Observer	8/01/11	9/30/13		38° 24'	113° 01'												
J. W. Evans Observer	10/01/13	5/31/14		38° 24'	113° 01'												
John Krall Observer	5/31/14	12/31/15		38° 24'	113° 01'												
Charles Beard Residence (2 blocks South of P. O.)	1/01/16	10/ ?/30		38° 24'	113° 01'	4962		5	5						3		
Charles Beard Residence	10/ ?/30	9/30/36	100 ft. W	38° 24'	113° 01'	4962		5	5						3		
<u>AIRPORT</u>																	
CAA Station (1 mile West of Intermediate Landing Field 1.5 miles NW of Post Office)	4/06/32	7/25/47	2 mi. WNW	38° 25'	113° 02'	5091	40	5	5			b6	a6				a - Added about 1937. b - Added 11/21/40.
FAA Station (Intermediate Landing Field 1.6 miles North of Post Office) Milford Airport	7/25/47	Present	2 mi. NE	38° 26'	113° 01'	5028	c26	5	5			5	4				CAA to 7/23/48; WBAS-CAA to 2/1/52; WBAS (National Weather Service) to present. c - 24 feet to 7/14/49.

Requests for additional climatic information should be addressed to: Director, National Climatic Center, Federal Building, Asheville, N. C. 28801

Sale Price: 20 cents per copy. Checks and money orders should be made payable to Department of Commerce, NOAA. Remittances and correspondence regarding this publication should be sent to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

*James P. B. Mitchell*  
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE - 800

U.S. DEPARTMENT OF COMMERCE  
NATIONAL CLIMATIC CENTER  
FEDERAL BUILDING  
ASHEVILLE, N.C. 28801

AN EQUAL OPPORTUNITY EMPLOYER

POSTAGE AND FEES PAID  
U.S. DEPARTMENT OF COMMERCE

210



FIRST CLASS



AREA  
UT  
Beaver  
Min R.  
Strat

~~Preliminary Draft - Subject to Revision~~

## SUMMARY OF STRATIGRAPHY IN THE MINERAL RANGE,

BEAVER AND MILLARD COUNTIES, UTAH

by

Carol A. Petersen

UNIVERSITY OF UTAH  
RESEARCH INSTITUTE  
EARTH SCIENCE LAB.

### Introduction

Many persons are presently interested in the geology of the Mineral Range because lands that may have value as geothermal resources are nearby. This paper has been prepared to make available unpublished stratigraphic data that deals directly with the Mineral Range, and also to apply current stratigraphic nomenclature from nearby areas to the Mineral Range. It is apparent from the following text that problems still exist with stratigraphy of the Mineral Range; ~~however,~~ <sup>and</sup> additional field work <sup>should be done.</sup> ~~is planned for the future.~~

The Mineral Range lies in west-central Utah, within the Basin and Range physiographic region. The town of Milford is about eight miles west of the range, and Beaver is about nine miles to the east, as shown on figure 1. The range is approximately 30 miles long, with a maximum width of about 6 miles, and a maximum relief of about 2800 feet. The bulk of the range is made up of Tertiary granitic intrusive rocks, but Precambrian(?) metamorphic rocks, Paleozoic, Mesozoic, and Tertiary sedimentary rocks, and Tertiary volcanic rocks are also present. The distribution of these rocks is shown on figure 1.

## Metamorphic Rocks

### Precambrian(?) Rocks

An irregular belt of biotite gneiss, schist, phyllite and migmatite is exposed on the west side of the Mineral Range. The area of outcrop is about 11 miles long and one half-mile wide, and Earll (1957, p. 9) computes a stratigraphic thickness of approximately 3,000 feet.

The rocks are assigned a Precambrian(?) age on the basis of lithologic similarity to other rocks of known Precambrian age in Utah.

## Sedimentary Rocks

### Cambrian Rocks

A stratigraphic column of the northern Mineral Range is shown in figure 2.

Several late Precambrian sedimentary formations that are present 15 miles to the west in the Beaver Mountains do not outcrop in the Mineral Range. Instead, the Lower Cambrian Prospect Mountain Quartzite is the oldest sedimentary unit exposed. Liese (1957) noted it as a massive and thick-bedded, gray to pink and dark purple to medium gray quartzite. Liese states (1957, p. 15) that the probable thickness of the Prospect Mountain Quartzite is 778 feet.

The Cambrian Pioche Shale conformably overlies the Prospect Mountain Quartzite. Liese (1957) described the shale as an olive drab to green, micaceous rock, with the exposed thicknesses ranging from 25 feet to more than 100 feet.

Liese mapped a medium to dark gray, massive and thick-bedded limestone that conformably overlies the Pioche Shale as Undifferentiated Cambrian Limestones. He measured the exposed thickness of this unit as 188 feet, and noted that a metamorphosed section of the unit was about 500 feet thick. This unit might correspond to the Middle Cambrian Lyndon Limestone in the Beaver Lake Mountains, as described by Welsh (1973, p. 9-10). The Undifferentiated Cambrian Limestones are unconformably overlain by Tertiary(?) conglomerate.

Liese (1957) mapped another limestone unit in the Mineral Range as Cambrian(?) Limestone. This unit is dark gray, massive, finely crystalline, has abundant chert lenses, is unfossiliferous, and is 1,285 feet thick. The base of this unit is not exposed, and the unit is overlain by a thrust plate. Liese (1957) did not feel that the Cambrian(?) Limestone and the Undifferentiated Cambrian limestones were sufficiently similar to correlate the two units.

All of the Cambrian rocks occur at the northern end of the Mineral Range. They have been domed, broken by normal faults both parallel and transverse to the trend of the range, and the Prospect Mountain Quartzite-Pioche Shale-Undifferentiated Limestone sequence has been repeated in the northern Mineral Range by overthrusting.

#### Middle and Upper Paleozoic Rocks

The southern part of the Mineral Range was originally mapped by Earll (1957), but his nomenclature was revised on the State Geologic Map (Hintze, 1963). Further revisions are made in this report in order to bring the Mineral Range nomenclature into conformity with current

usage for southwestern Utah. The various names that have been applied to rocks of the Mineral Range are compared in Table 1; and a stratigraphic column for the southern Mineral Range is shown in figure 3.

Middle Paleozoic through Mesozoic sedimentary rocks are largely restricted to the southern end of the Mineral Range; but these rocks also crop out in a few inselbergen on the west and east flanks of the range (see fig. 1).

Mississippian.-- The oldest sedimentary rock unit mapped by Earll (1957) is a thick sequence of thin-bedded to massive, unfossiliferous, tan to white dolomite and dolomitic limestones, with a minimum thickness of 2,712 feet. Earll mapped this unit as Undifferentiated Paleozoic rocks; but this unit is labelled Mississippian Redwall Limestone on the State Geologic Map. Earll (1957, p. 13-17) does not mention any chert in the unit, and he emphasizes its unfossiliferous nature. This description does not accord well with the descriptions of Mississippian Redwall Limestone by Baer (1973) or the equivalent Mississippian Monte Cristo of Baetcke (1969); however, the stratigraphic position and thickness of the unit do lend support to the Mississippian age.

Pennsylvanian-Permian.-- The redwall Limestone(?) is unconformably overlain by a thin-bedded to massive, tan to gray limestone unit, which is 917 feet thick and has poorly preserved fossils. Earll (1957) assigned this unit to the Upper Mississippian(?) Topache Limestone; but the unit was labelled Pennsylvanian Callville on the State Geologic Map.

Subsequent studies by Baetcke (1969) on the Callville Formation in the Star Range, which is 10 miles west of the Mineral Range, have indicated that the

upper portion of the Callville Formation is Permian in age and should be included in the Permian Pakoon Limestone. Because the Pennsylvanian-Permian division is difficult to locate in the field, current practice is to map Pennsylvanian-Permian Callville-Pakoon Undifferentiated.

The lithology of Earll's measured section (1957, p. 19-20) of "Topache Limestone" does not accord particularly well with Baetcke's measured section (1969, p. 37-40) of Callville-Pakoon Undifferentiated; but the thickness and stratigraphic position are similar.

Permian. The Callville-Pakoon Limestone is unconformably overlain by a thick unit of medium-bedded, buff to pink, cross-bedded orthoquartzite, which was referred to the Permian Coconino Formation by Earll (1957). The measured thickness is 1,181 feet, which agrees very well with 1,212 feet of Permian Talisman Quartzite measured by Baetcke in the Star Range (1969, p. 48).

Baetcke (1969, p. 44) points out that recent workers have tended to restrict the name "Coconino" to Permian sandstones that were deposited by eolian processes. In the absence of direct evidence for eolian deposition of Permian sandstones in the Star Range, Baetcke preferred the name "Talisman," which is equivalent to the Permian Queantoweap Formation. The Permian sandstones of the Mineral Range are labelled Talisman Formation on the State Geologic Map. 7 Note: The State Geologic Map places the Talisman Quartzite within the Pennsylvanian System. However, the work of Brill (1963, p. 323) indicates that the Talisman is Permian. 7

The Talisman Quartzite is unconformably overlain by a medium-bedded to massive, tan to light gray limestone with an abundance of chert,

which Earll (1957) mapped as the Permian Kaibab Formation. Earll's measured thickness of 698 feet (1957, p. 26) accords well with the total thickness of 660 feet of Kaibab-Plympton Undifferentiated measured by Baetcke (1969, p. 66) in the Star Range. Earll noted that the Toroweap Formation is absent in the Mineral Range. The Kaibab Formation is unconformably overlain by the lower member of the Moenkopi Formation.

### Mesozoic Rocks

Triassic. Earll (1957, p. 27-28) reported that the Triassic System is represented in the Mineral Range by three rock units, <sup>having a total thickness of ~~about~~ 1292 to 1708 feet.</sup> The lower unit has a local basal conglomerate, but mostly consists of red, brown, and yellow calcareous sandstone and sandy shale. The thickness of the lower unit is 141 feet. The middle unit is medium-bedded to massive gray limestone interbedded with thin-bedded, gray and brown limestone and calcareous shale. This unit is 567 feet thick and contains a Meekoceras fauna. The upper unit consists of red-brown to maroon, rippled sandy shale, with minor interbedded limestone. Beds of the upper unit are repeated by faults, but thickness of the ~~lower~~ <sup>upper</sup> unit is estimated to range from 574 to 1,000 feet. Earll included all three rock units in the Moenkopi Group, and they are so labelled on the State Geologic Map.

A recent study by Stewart, Poole, and Wilson (1972, p. 16) states that strata ~~which~~ <sup>that</sup> contain the Meekoceras fauna ~~are~~ outcrop near Minersville are correlative with the Timpoweap Member of the Moenkopi Formation. Because the Timpoweap is the lowest member of the Moenkopi

Formation recognized in southwestern Utah, the lower red bed unit and the middle limestone unit of Earll (1957, p. 28) should be collectively correlated with the Timpoweap Member of Stewart, Poole, and Wilson (1972). Such a correlation would make the Timpoweap Member 708 feet thick in the Mineral Range, whereas Stewart, Poole, and Wilson (1972, p. 17) report a maximum thickness of 450 feet for the Timpoweap Member. The upper red bed unit of Earll (1957, p. 28) might be correlated with the lower red bed member of Stewart, Poole, and Wilson (1972, p. 18). Earll reported the thickness of this unit as 574 feet to 1,000 feet, which also is much greater than any thickness reported by Stewart, Poole, and Wilson for the correlative unit. Baetcke (1969) also noted an anomalously thick section of "Moenkopi" in the Star Range, 10 miles to the west.

Jurassic. Two formations of the Jurassic System crop out in the southern Mineral Range. The older is the Navajo Sandstone, a medium- to thick-bedded, buff to pink, cross-bedded sandstone with a measured thickness of 1,538 feet (Earll, 1957, p. 33). The Navajo unconformably overlies the Moenkopi Formation. The younger Jurassic unit is the Carmel Formation, a sequence of limestones and calcareous shales with a measured thickness of 574 feet (Earll, 1957, p. 35). The Carmel unconformably overlies the Navajo Sandstone.

#### Tertiary and Quaternary Rocks

Two conglomerate units in the Mineral Range were originally assigned to the Cretaceous System, but are labelled Tertiary(?) on the State Geologic map. These units are also labelled Tertiary(?) on figure 1.

Liese (1957) mapped a 112 foot-thick conglomerate which rests unconformably on the undifferentiated known Cambrian limestones near the north end of the Mineral Range. He correlated this unit with the Cretaceous (?) Indianola Conglomerate of the Canyon Range. Earll mapped a conglomerate of similar lithology near the south end of the Mineral Range, which he correlated with the Claron Formation of Iron Springs. The relationship between the two conglomerate units of the Mineral Range is uncertain.

Other Tertiary and Quaternary sedimentary deposits of the Mineral Range consist mainly of unconsolidated alluvium. Cook and Mudgett (1966, p. 62) estimate that the valley fill in the eastern part of the Milford Valley graben, near the Mineral Range, is about 5,500 feet thick.

#### Intrusive Rocks

The central mass of the Mineral Range is <sup>primarily</sup>~~mainly~~ composed of a granitic pluton, but granodiorite and quartz monzonite are also included in the intrusive rocks shown on figure 1.

The granite outcrop is about 15 miles long with a maximum width of about 5 miles. Earll (1957, p. 47) estimates that the true surface area of the pluton, including areas presently covered by alluvium, is about 100 square miles. The central portion of the pluton is composed of a coarse-grained white granite which is deficient in dark-colored minerals. However, the biotite content of the granite gradually increases as the Precambrian rocks along the western margin are approached. Field



evidence brackets the age of the pluton as post-Permian and pre-Late(?) Tertiary. Two radiometric dates are available: Armstrong (1970, p. 216-217) dated granite from the west side of the range at  $9.2 \pm 0.3$  million years. Park (1968, p. 74) obtained  $15.5 \pm 1.5$  million years on fine-grained granitic dike material from the southeast side of the range.

Earll (1957) noted several small outcrops of medium-grained brown to lavender biotite-quartz monzonite in the southwestern Mineral Range. The quartz monzonite bodies intrude Permian Kaibab Limestone, and are affected by faults which Earll (1957, p. 53) considers to be mid-Tertiary.

Liese (1957) mapped granodiorite in the northern Mineral Range in an area between the Cambrian limestones and shales, and the granite. The granodiorite is medium- to dark-colored, equigranular rock of medium grain size. It is in relatively sharp contact with the sediments in a well-defined marble-hornfels zone, but the granite-granodiorite contact is gradational up to a distance of 50 yards (Liese, 1957, p. 40-41). The granodiorite may be contemporaneous with the granite.

#### Extrusive Rocks

Volcanic rocks occur in the central and in the southeastern portions of the Mineral Range.

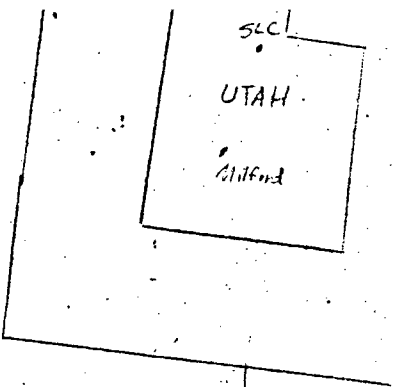
The northern volcanic rocks are rhyolitic in composition and were erupted from vents on the crest and flanks of the range. Most of

the volcanic flows and interbedded pyroclastics came from Bearskin Mountain, a symmetrical cone that rises some 2,000 feet above granite bedrock at the crest of the range. The volcanics filled deep valleys eroded into the granite, which indicates that the extrusive rocks post-date the pluton by a considerable length of time (Earll, 1957). Earll (1957, p. 61) gave the total thickness of the rhyolitic volcanics as about 2,000 feet.

Earll (1957, p. 64) states that the volcanic rocks in the southeastern part of the range grade from basal andesite flows and agglomerate, 500 to 1,000 feet in thickness, to quartz latite flows, tuff, and agglomerate up to 1,000 feet in thickness. The uppermost deposits of the series are composed of dense, scoriaceous olivine basalt flows that are approximately 100 feet in thickness. These volcanic deposits overlie the Cretaceous(?) or Tertiary(?) conglomerate unit that was mapped by Earll (1957, p. 64).

#### References Cited

- Armstrong, R. L., 1970, Geochronology of Tertiary igneous rocks, eastern Basin and Range Province, western Utah, eastern Nevada, and vicinity, U. S. A.: *Geochim. et Cosmochim. Acta*, vol. 34, p. 203-232.
- Baer, J. L., 1973, Summary of stratigraphy and structure of the Star Range, Beaver County, Utah, *in* *Geology of the Milford Area 1973*: Utah Geol. Assoc. Pub. 3, p. 33-38.
- Baetcke, G. B., 1969, Stratigraphy of the Star Range, and reconnaissance study of three selected mines: Unpub. Ph. D. dissertation, Univ. of Utah, 184 p.
- Brill, K. G., Jr., 1963, Permo-Pennsylvanian stratigraphy of western Colorado Plateau and eastern Great Basin regions: *Am. Assoc. Petroleum Geologists Bull.*, vol. 74, no. 3, p. 307-330.
- Cook, K. L., and Mudgett, P. M., 1966, Regional gravity survey of the Mineral, San Francisco, Beaver, and northern Wah Wah Mountains Region, in Beaver and Millard Counties, Utah: *Utah Academy Proceedings*, Vol. 43, Part 2, p. 62.
- Earll, F. N., 1957, Geology of the central Mineral Range, Beaver County, Utah: Unpub. Ph. D. dissertation, Univ. of Utah, 112 p.
- Hintze, L. F., 1963, (compiler) Geologic map of southwestern Utah: *Utah Geol. and Mineralog. Survey*.
- Liese, H. C., 1957, Geology of the northern Mineral Range, Millard and Beaver Counties, Utah: Unpub. M. S. thesis, Univ. of Utah, 88 p.
- Park, G. M., 1968, *Some geochemical and geochronologic studies of the beryllium deposits in western Utah*: Unpub. M. S. thesis, Univ. of Utah, 104 p.
- Stewart, J. H., Poole, F. G., and Wilson, R. F., 1972, Stratigraphy and origin of the Triassic Moenkopi Formation and related strata in the Colorado Plateau Region: *U. S. Geol. Surv. Prof. Paper* 691, 195 p.
- Welsh, J. E., 1973, Paleozoic and Mesozoic stratigraphy of the Milford area, Beaver County, Utah, *in* *Geology of the Milford Area 1973*: Utah Geol. Assoc. Pub. 3, p. 9-12.



Index

- Sedimentary Rocks
- Tertiary
  - ▣ Mesozoic
  - ▤ Upper Paleozoic
  - ▥ Cambrian
- Metamorphic Rocks
- ▧ Precambrian (?)

- Igneous Rocks
- ▨ Tertiary volcanic rocks
  - ▩ Tertiary intrusive rocks

— Fault  
— Contact

Generalized Geologic Map  
of the Mineral Range,  
Millard and Beaver Counties, Utah

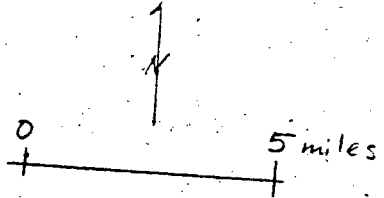
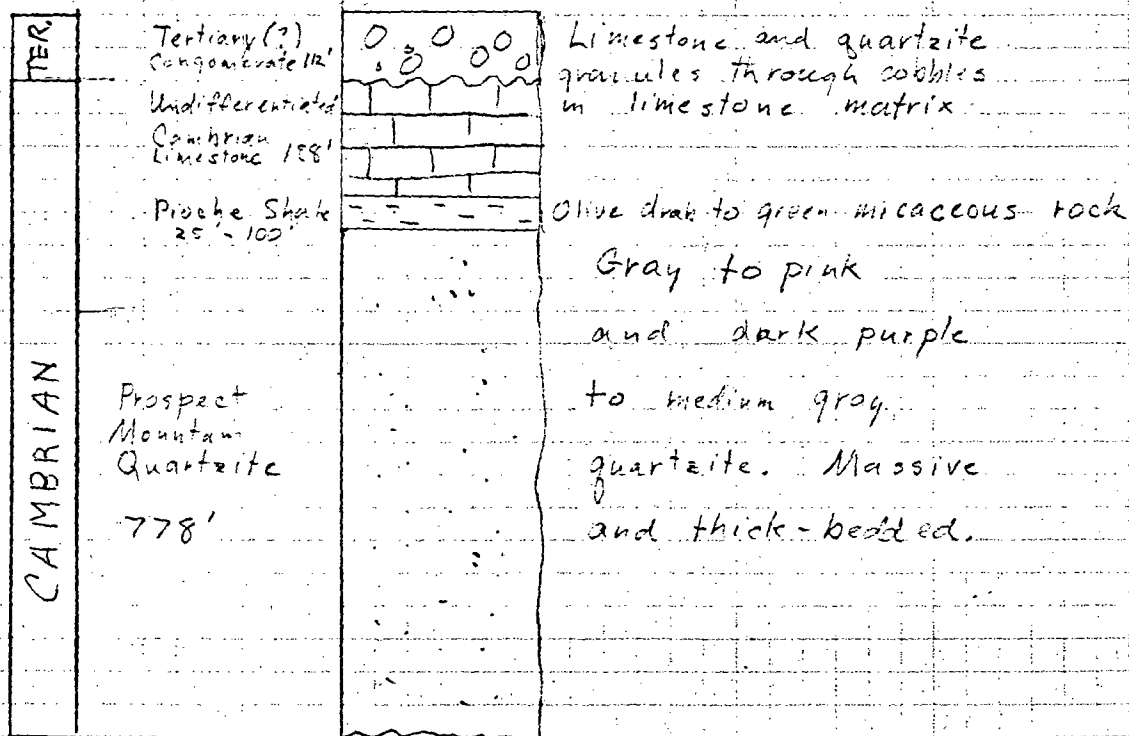


Figure 2: Stratigraphic column of the northern Mineral Range



← base not exposed

Wahne Range

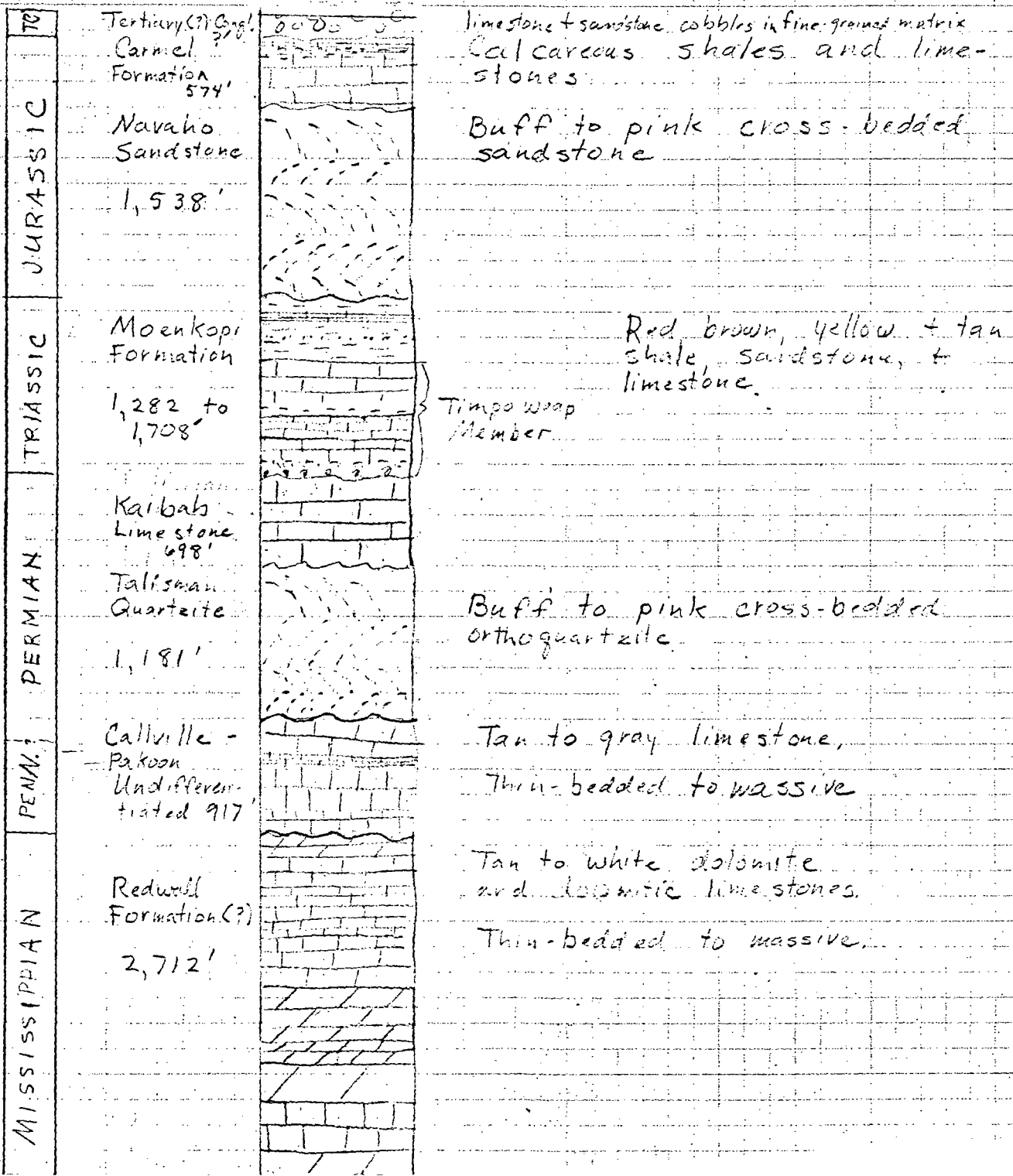


Table 1. Comparison of formation names in Mineral Range & Star Range <sup>6</sup>

	Earll 1957	Liese 1957	Hintze 1963	Baetcke 1969 (Star Range)	Petersen 1973 (this paper)
Tertiary			T(?) congl.		T(?) congl.
Cretaceous	Claron(?)	Indianola(?)			
Jurassic	Carmel 574' Navajo 1,538'		Carmel  Navajo	Navajo(?) ss.	Carmel  Navajo
Triassic	Moenkopi Group upper red middle ls lower red 1,282'-1,708'		Moenkopi Group	"Moenkopi Fm."	Moenkopi Fm. lower red unit (?) Timpoweap Mem.
Permian	Kaibab 698' Coconino 1,181'		Kaibab Fm.	Kaibab-Plympton Undiff. Talisman Qzite Pakoon } Callville } Undiff.	Kaibab Fm. Talisman Qzite Pakoon } Callville } Undiff.
Pennsylvanian			Talisman Qzite Callville		
Mississippian	Topache Ls 917'		Redwall Ls	Monte Cristo	Redwall Ls
Devonian				Mowitza Fm. Guilmette Fm.	
Silurian					
Ordovician					
Cambrian		Cambrian(?) Ls Undiff. € Ls Pioche Shale Prospect Mt.	Undiff. € Ls Pioche Shale Prospect Mt.		Undiff. € Ls Pioche Shale Prospect Mt.
Precambrian	PC Undiff.	PC Undiff.	PC Undiff.		PC Undiff.