



JANUARY 2003

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

DUBUQUE, IA

MUNICIPAL AIRPORT (DBQ)
 Lat: 42° 23' N Long: 90° 42' W Elev (Ground): 1069 Feet
 Time Zone: CENTRAL WBAN: 94908 ISSN #: 0198-2087

DATE	TEMPERATURE °F							DEG DAYS BASE 65°		WEATHER	SNOW/ICE ON GND (IN)		PRECIPITATION (INCHES)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								DATE																																								
	MAXIMUM	MINIMUM	AVERAGE	DEP FROM NORMAL	AVERAGE DEW PT	AVERAGE WET BULB	HEATING	COOLING	DEPTH		WATER EQUIV	SNOW FALL	WATER EQUIV	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM																																														
																			5-SEC		2-MIN																																												
																			SPEED	DIR	SPEED	DIR																																											
1	2	3	4	5	6	7	8	9	11	12	13	14	15	16	17	18	19	20	21	22	23	24																																											
01	29	19	24	6	15	21	41	0			0.0	0.00	28.91	30.12	14.0	03	14.1	23	05	21	04	01																																											
02	28	24	26	8	18	24	39	0			0.0	0.00	28.91	30.11	10.6	02	10.9	23	02	20	02	02																																											
03	34	15	25	8	15	22	40	0			0.0	0.00	28.90	30.10	1.6	33	5.7	14	34	12	21	03																																											
04	29	20	25	8	23	25	40	0	RA FZRA SN BR UP		0.3	0.07	28.74	29.93	5.8	17	6.0	18	17	16	17	04																																											
05	32	27	30	13	27	30	35	0	SN BR HZ		T	T	28.83	30.02	9.2	33	9.8	21	36	18	34	05																																											
06	34	21	28	11	21	26	37	0			0.0	0.00	29.21	30.41	7.4	31	10.9	22	34	18	36	06																																											
07	48	24	36	19	27	33	29	0	BR		0.0	0.00	28.78	29.96	15.0	25	15.8	30	24	26	24	07																																											
08	56*	30	43*	26	27	36	22	0			0.0	0.00	28.43	29.59	11.8	27	13.5	32	27	28	27	08																																											
09	42	21	32	15	21	28	33	0			0.0	0.00	28.56	29.73	17.5	31	17.7	40*	30	32*	30	09																																											
10	21	7	14	-3	3	13	51	0	SN		T	T	28.87	30.07	19.4	30	19.6	35	32	30	32	10																																											
11	20	1	11	-5	-5	7	54	0			0.0	0.00	29.10	30.33	13.0	30	13.5	29	30	25	30	11																																											
12	35	3	19	3	5	16	46	0			0.0	0.00	29.02	30.24	11.2	22	13.0	35	21	28	21	12																																											
13	22	11	17	1	3	13	48	0	SN BR		0.2	0.01	29.06	30.28	8.1	33	8.4	28	32	22	31	13																																											
14	14	2	8	-8	1	7	57	0	SN BR		0.8	0.03	29.14	30.37	11.4	30	12.3	25	29	21	30	14																																											
15	19	0	10	-6	0	8	55	0			0.0	0.00	29.18	30.42	5.1	33	5.8	23	32	18	32	15																																											
16	24	11	18	2	2	13	47	0			0.0	0.00	29.06	30.28	11.2	33	11.6	25	32	21	32	16																																											
17	19	3	11	-5	-2	8	54	0			0.0	0.00	29.08	30.31	5.8	29	10.9	23	32	20	33	17																																											
18	22	4	13	-3	3	10	52	0	SN BR		T	T	28.76	29.97	11.3	28	13.7	26	31	22	30	18																																											
19	31	-1	15	-2	8	14	50	0			0.0	0.00	28.68	29.89	10.2	26	12.8	31	25	26	24	19																																											
20	19	10	15	-2	-1	11	50	0			0.0	0.00	28.89	30.10	7.6	34	8.1	21	33	17	34	20																																											
21	16	0	8	-9	-6	6	57	0			0.0	0.00	29.09	30.32	7.1	34	7.8	18	32	15	32	21																																											
22	10	-2	4	-13	-7	3	61	0			0.0	0.00	29.24	30.48	13.0	33	13.2	25	32	20	33	22																																											
23	8	-9*	0*	-17	-13	-2	65	0			0.0	0.00	29.37	30.63	10.5	33	11.0	23	34	18	35	23																																											
24	16	-1	8	-9	-3	7	57	0	SN		T	T	29.21	30.45	10.2	22	10.9	23	19	21	19	24																																											
25	29	7	18	1	9	15	47	0	SN BR		0.3	0.03	28.98	30.20	7.3	28	12.2	25	34	22	34	25																																											
26	12	-6	3	-14	-7	3	62	0			0.0	0.00	29.24	30.49	11.1	33	11.4	26	34	23	34	26																																											
27	21	-8	7	-11	1	9	58	0	SN		T	T	29.03	30.26	13.8	18	14.2	33	18	29	19	27																																											
28	28	21	25	7	19	23	40	0	SN BR		1.2	0.12	28.85	30.05	3.2	01	8.8	25	01	22	01	28																																											
29	21	8	15	-3	7	13	50	0			0.0	0.00	29.15	30.37	4.9	36	6.9	20	01	16	01	29																																											
30	35	8	22	4	18	21	43	0	SN BR HZ		T	T	28.91	30.12	11.9	18	12.3	30	17	24	18	30																																											
31	35	31	33	15	31	32	32	0	SN FG+ BR UP HZ		1.3	0.13	28.71	29.89	3.3	30	8.8	21	33	18	33	31																																											
26.1											9.7	17.9	■ ■	8.4	16.0	46.8	0.0	< MONTHLY AVERAGES		TOTALS->		4.1	0.39	28.96	30.18	6.0	30	11.4	<- MONTHLY AVERAGES																																				
1.3											0.5	0.9	■ ■	<-----DEPARTURE FROM NORMAL----->											- .89	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3																																							
DEGREE DAYS											GREATEST 24-HR PRECIPITATION: 0.13 DATE :31											SEA LEVEL PRESSURE DATE TIME																																											
MONTHLY TOTAL DEPARTURE											SEASON TO DATE TOTAL DEPARTURE											GREATEST 24-HR SNOWFALL: 1.3 DATE :31											MAXIMUM MINIMUM : 30.69 23 1055																																
HEATING: 1452 -40											COOLING: 0 0											GREATEST SNOW DEPTH: DATE :											: 29.43 08 1255																																
HEATING: 1452 -40											COOLING: 0 0											NUMBER OF DAYS WITH >											MAXIMUM TEMP ≥ 90: 0											MINIMUM TEMP ≤ 32 : 31											PRECIPITATION ≥ 0.01 INCH : 6										
HEATING: 1452 -40											COOLING: 0 0											NUMBER OF DAYS WITH >											MAXIMUM TEMP ≤ 32 : 23											MINIMUM TEMP ≤ 0 : 8											PRECIPITATION ≥ 0.10 INCH : 2										
HEATING: 1452 -40											COOLING: 0 0											NUMBER OF DAYS WITH >											THUNDERSTORMS : 0											HEAVY FOG : 1											SNOWFALL ≥ 1.0 INCH : 2										

JANUARY 2003
DUBUQUE, IA

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

DUBUQUE, IA

JANUARY 2003

DBQ

WBAN # 94908

DATE	FOR HOUR (LST) ENDING AT												DATE	FOR HOUR (LST) ENDING AT												DATE	Sum if Different (See Note)	2400 LST	
	1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19	20	21	22	23	24			Water	Equiv.
01													01												01		0.00		
02													02												02		0.00		
03													03												03		0.00		
04													04	0.01	T	0.01	T	0.01	T	0.01	0.01	0.02			04		0.07		
05					T			T	T				05						T	T					05		T		
06													06												06		0.00		
07													07												07		0.00		
08													08												08		0.00		
09													09												09		0.00		
10									T	T	T		10												10		T		
11													11												11		0.00		
12													12												12		0.00		
13													13												13		0.00		
14	T	T	T	T		T							14											T	14	T	0.01		
15													15												15		0.03		
16													16												16		0.00		
17													17												17		0.00		
18					T	T	T						18												18		T		
19													19												19		0.00		
20													20												20		0.00		
21													21												21		0.00		
22													22												22		0.00		
23													23												23		0.00		
24													24												24		T		
25													25												25	T	0.03		
26													26												26		0.00		
27													27												27		T		
28													28												28		0.12		
29													29	0.04	0.02	0.01	T	T							29		0.00		
30	T	0.01	0.03	0.01	T	0.01		0.01	0.02	T			30												30		T		
31													31												31	0.09	0.13		

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.01	.02	.02	.02	.03	.05	.06	.07	.08	.09	.11	.12
Ending Date	31	28	28	31	28	28	28	28	28	28	28	28
Ending Time (Hour/Min)	0835	1120	1237	0216	1253	1154	1208	1237	1253	1311	1335	1401

Date and time are not entered for TRACE amounts.

Note : The sum of the hourly totals is given when it differs from the daily total. NWS does not edit ASOS hourly values but may edit daily and monthly totals. Hourly, daily, and monthly totals are printed as reported by the ASOS site.

REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

* = Extreme for the month (last occurrence if more than one)

T = Trace precipitation amount

+ = also occurs on earlier date

FG+ = Heavy fog, visibility .25 miles or less

BLANK entries denote missing or unreported data

Resultant wind is the vector sum of the wind speeds and directions divided by the number of observations.

Wind direction is recorded in tens of degrees (2 digits) clockwise from true north. '00' = calm, 'VR' = variable.

Precipitation is for the 24-hour period ending at the time indicated in the column heading.

Water Equivalent of snow on the ground is reported only when the depth is 2 or more inches.

NORMALS ARE FOR THE YEARS 1971–2000

WEATHER NOTATIONS

QUALIFIER	WEATHER PHENOMENA		
	PRECIPITATION	OBSCURATION	OTHER
BC Patches	DZ Drizzle	BR Mist	DS Duststorm
BL Blowing	GR Hail	DU Widespread Dust	FC Funnel Cloud
DR Low Drifting	GS Small Hail and/or Snow Pellets	FG Fog	+FC Tornado Waterspout
FZ Freezing	IC Ice Crystals	FU Smoke	PO Well-Developed Dust/Sand Whirls
MI Shallow	PL Ice Pellets	HZ Haze	SQ Squalls
PR Partial	RA Rain	PY Spray	SS Sandstorm
SH Shower(s)	SG Snow Grains	SA Sand	GL Glaze
TS Thunderstorm	SN Snow	VA Volcanic Ash	
VC In the Vicinity	UP Unknown Precipitation		

Intensity (as indicated on pages 4 to 6):
'+' = Heavy ' ' = Moderate '-' = Light

DUBUQUE, IA JANUARY 2003

Ceilorometer (30-second) data are used to derive cloudiness at or below 12,000 feet. This cloudiness is the mean cloud cover detected during sunrise to sunset (SR–SS), or midnight to midnight (MN–MN).

Satellite data are used to derive cloudiness above 12,000 feet. Effective Cloud Amount is based on the cloud cover and the transparency of the clouds within the satellite field of view (approx. 31x31 miles).

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet. Both ceilometer and satellite data must be present to compute Sky Condition. Clear = 0–2 oktas, Partly Cloudy = 3–6 oktas, Cloudy = 7–8 oktas.

A Heating (Cooling) Degree Day is the difference between the average daily temperature and 65 degrees F. The HDD season begins July 1, the CDD season begins January 1.

Dew Point is the temperature to which the air must be cooled to achieve 100% relative humidity. Wet Bulb is the temperature the air would have if cooled to saturation at constant pressure by evaporation of water into it.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

ADDITIONAL NOTES:

DATE	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR–SS		MN–MN		MINIMUM	MAXIMUM	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01							10.00	10.00	
02							10.00	10.00	
03							9.00	10.00	
04							.75	10.00	
05							1.00	7.00	
06							7.00	10.00	
07							6.00	10.00	
08							10.00	10.00	
09							10.00	10.00	
10							6.00	10.00	
11							10.00	10.00	
12							10.00	10.00	
13							1.75	10.00	
14							2.00	10.00	
15							10.00	10.00	
16							10.00	10.00	
17							10.00	10.00	
18							2.50	10.00	
19							9.00	10.00	
20							10.00	10.00	
21							10.00	10.00	
22							10.00	10.00	
23							10.00	10.00	
24							3.00	10.00	
25							.75	10.00	
26							10.00	10.00	
27							5.00	10.00	
28							.75	10.00	
29							10.00	10.00	
30							5.00	10.00	
31							.25	6.00	
MONTHLY AVGS							7.04	9.77	
SUNSHINE (MINUTES)									
Total: Possible: Percent Possible:									
NUMBER OF DAYS WITH:									
SKY CONDITION									
CLR PTLY CLDY CLOUDY MISSING									
31									
MINIMUM VISIBILITY (MILES)									
<=0.25 <=3.0 >=7.0									
1 7 18									

OBSERVATIONS AT 3-HOURLY INTERVALS

DUBUQUE, IA

JANUARY 2003

DBQ

WBAN # 94908

HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
	DRY BULB	DEW POINT		WET BULB	OBSERVATION TIME (LST)			EFF CLD AMT Okta	DRY BULB	DEW POINT		WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION		SEA LEVEL	DRY BULB		DEW POINT	WET BULB			SPEED (MPH)	DIRECTION TENS OF DEG	STATION		SEA LEVEL			
	SUNRISE: 0732 JAN 01 SUNSET: 1641								SUNRISE: 0732 JAN 07 SUNSET: 1646																						
03	CLR	NC				10.00		22	13	19	68	14	02	28.89	30.08	03	FEW	NC				7.00		24	19	22	81	12	23	29.02	30.22
06	CLR	NC				10.00		20	12	18	71	12	05	28.88	30.08	06	OVC	100				7.00		26	23	25	88	16	24	28.92	30.12
09	CLR	NC				10.00		20	11	17	68	13	03	28.93	30.14	09	CLR	NC				8.00		28	24	27	85	18	24	28.84	30.03
12	BKN	020				10.00		27	18	24	69	16	04	28.92	30.12	12	CLR	NC				10.00		39	30	35	70	15	25	28.75	29.93
15	OVC	020				10.00		27	18	24	69	15	04	28.90	30.10	15	CLR	NC				10.00		47	32	40	56	17	25	28.64	29.82
18	OVC	020				10.00		25	18	23	75	14	03	28.93	30.14	18	CLR	NC				10.00		47	31	40	54	16	27	28.63	29.81
21	OVC	020				10.00		25	18	23	75	17	03	28.94	30.14	21	CLR	NC				10.00		44	30	38	58	14	28	28.63	29.80
24	OVC	018				10.00		24	17	22	75	16	03	28.92	30.11	24	CLR	NC				10.00		40	30	36	68	13	29	28.61	29.77
	SUNRISE: 0732 JAN 02 SUNSET: 1642								SUNRISE: 0732 JAN 08 SUNSET: 1647																						
03	OVC	018				10.00		25	18	23	75	12	03	28.92	30.11	03	CLR	NC				10.00		35	28	32	76	8	26	28.60	29.75
06	OVC	016				10.00		25	19	23	78	8	03	28.92	30.12	06	CLR	NC				10.00		32	27	30	82	7	23	28.55	29.72
09	OVC	018				10.00		26	19	24	75	14	04	28.92	30.11	09	CLR	NC				10.00		33	29	31	85	10	22	28.47	29.63
12	OVC	020				10.00		27	19	24	72	14	02	28.91	30.11	12	CLR	NC				10.00		49	31	41	50	21	24	28.33	29.48
15	OVC	024				10.00		28	18	25	66	13	03	28.89	30.08	15	CLR	NC				10.00		55	27	43	34	18	29	28.31	29.46
18	OVC	028				10.00		27	18	24	69	8	03	28.92	30.11	18	CLR	NC				10.00		48	26	39	42	14	29	28.36	29.52
21	OVC	030				10.00		27	18	24	69	8	02	28.92	30.11	21	CLR	NC				10.00		41	23	34	49	13	27	28.37	29.54
24	OVC	024				10.00		26	17	23	69	12	35	28.92	30.12	24	CLR	NC				10.00		42	19	34	40	18	33	28.41	29.57
	SUNRISE: 0732 JAN 03 SUNSET: 1643								SUNRISE: 0731 JAN 09 SUNSET: 1648																						
03	CLR	NC				10.00		20	16	19	85	7	36	28.92	30.11	03	CLR	NC				10.00		36	24	31	62	15	31	28.47	29.62
06	CLR	NC				10.00		16	12	15	84	3	33	28.93	30.14	06	CLR	NC				10.00		32	25	29	75	12	30	28.48	29.64
09	CLR	NC				10.00		21	16	20	81	8	34	28.96	30.16	09	CLR	NC				10.00		32	24	29	73	21	29	28.49	29.66
12	CLR	NC				10.00		29	13	24	51	5	36	28.92	30.12	12	OVC	029				10.00		33	21	29	61	22	30	28.52	29.68
15	CLR	NC				10.00		33	11	26	40	0	00	28.86	30.06	15	OVC	037				10.00		34	21	29	59	23	31	28.56	29.73
18	OVC	110				10.00		28	16	24	61	0	00	28.89	30.10	18	OVC	037				10.00		31	19	27	61	20	31	28.65	29.83
21	OVC	085				10.00		28	18	25	66	9	19	28.85	30.04	21	OVC	047				10.00		27	16	23	63	21	31	28.71	29.89
24	CLR	NC				10.00		25	17	22	72	7	14	28.83	30.02	24	CLR	NC				10.00		21	13	19	71	13	29	28.73	29.92
	SUNRISE: 0732 JAN 04 SUNSET: 1643								SUNRISE: 0731 JAN 10 SUNSET: 1650																						
03	CLR	NC				8.00		23	19	22	85	8	17	28.82	30.01	03	OVC	110				10.00		20	7	17	57	15	32	28.76	29.95
06	CLR	NC				8.00		22	19	21	89	8	19	28.78	29.98	06	OVC	031				10.00		20	10	17	65	17	31	28.76	29.96
09	CLR	NC				5.00	BR	24	21	23	88	12	17	28.77	29.96	09	OVC	030				10.00		15	4	12	61	23	30	28.83	30.03
12	OVC	044				3.00	UP BR	27	25	26	92	12	17	28.70	29.89	12	OVC	036				10.00		18	3	14	52	24	30	28.86	30.06
15	OVC	008				1.25	-SN BR	29	27	28	92	3	15	28.68	29.87	15	CLR	NC				10.00		19	-2	14	39	24	30	28.88	30.08
18	OVC	010				2.00	-SN BR	29	27	28	92	0	00	28.71	29.91	18	CLR	NC				10.00		13	-1	10	54	20	30	28.94	30.16
21	OVC	026				2.50	BR	29	27	28	92	0	00	28.72	29.91	21	CLR	NC				10.00		10	-2	8	58	15	30	28.97	30.19
24	OVC	030				1.75	BR	28	27	28	96	0	00	28.68	29.87	24	CLR	NC				10.00		7	-4	5	60	17	31	28.97	30.20
	SUNRISE: 0732 JAN 05 SUNSET: 1644								SUNRISE: 0731 JAN 11 SUNSET: 1651																						
03	OVC	013				3.00	BR	30	28	29	92	5	27	28.71	29.89	03	CLR	NC				10.00		4	-4	3	69	15	30	28.99	30.22
06	OVC	018				3.00	BR	31	29	30	92	6	29	28.72	29.91	06	CLR	NC				10.00		2	-6	1	69	13	31	29.01	30.24
09	OVC	012				4.00	BR	32	29	31	88	9	31	28.77	29.96	09	CLR	NC				10.00		4	-7	2	60	17	29	29.05	30.29
12	OVC	015				6.00	BR	32	28	30	85	10	33	28.78	29.97	12	CLR	NC				10.00		15	-14	10	26	15	30	29.07	30.30
15	OVC	013				4.00	BR	31	27	29	85	13	33	28.83	30.02	15	FEW	NC				10.00		19	-8	14	29	18	30	29.11	30.33
18	OVC	013				7.00		30	26	29	85	12	33	28.92	30.11	18	CLR	NC				10.00		15	0	12	51	8	31	29.17	30.41
21	OVC	023				6.00	HZ	31	26	29	82	14	35	28.99	30.18	21	CLR	NC				10.00		12	-1	9	56	13	31	29.22	30.45
24	OVC	018				7.00		31	26	29	82	13	35	29.05	30.24	24	CLR	NC				10.00		8	0	6	69	8	22	29.23	30.46
	SUNRISE: 0732 JAN 06 SUNSET: 1645								SUNRISE: 0731 JAN 12 SUNSET: 1652																						
03	CLR	NC				10.00		28	22	26	78	13	36	29.13	30.33	03	CLR	NC				10.00		6	-3	4	66	3	26	29.22	30.45
06	OVC	026				10.00		30	21	27	69	14	34	29.21	30.41	06	CLR	NC				10.00		4	-3	3	73	8	22	29.18	30.41
09	CLR	NC				10.00		27	20	25	75	14	34	29.27	30.48	09	CLR	NC				10.00		10	-1	8	61	10	20	29.15	30.38
12	CLR	NC				10.00		30	20	27	66	8	32	29.27	30.48	12	CLR	NC				10.00		25	5	20	42	16	22	29.05	30.27
15	CLR	NC				10.00		34	22	30	61	13	28	29.23	30.44	15	CLR	NC				10.00		35	9	27	34	21	22	28.90	30.10
18	CLR	NC				10.00		27	19	24	72	6	27	29.25	30.46	18	CLR	NC				10.00		33	11	26	40	18	21	28.83	30.03
21	CLR	NC				9.00		21	17	20	85	6	19	29.18	30.39	21	CLR	NC				10.00		32	15	26	50	16	24	28.85	30.05
24	CLR	NC				10.00		25	19	23	78	13	23	29.09	30.29	24	CLR	NC				10.00		22	10	19	60	16	32	28.90	30.10

OBSERVATIONS AT 3-HOURLY INTERVALS

DUBUQUE, IA

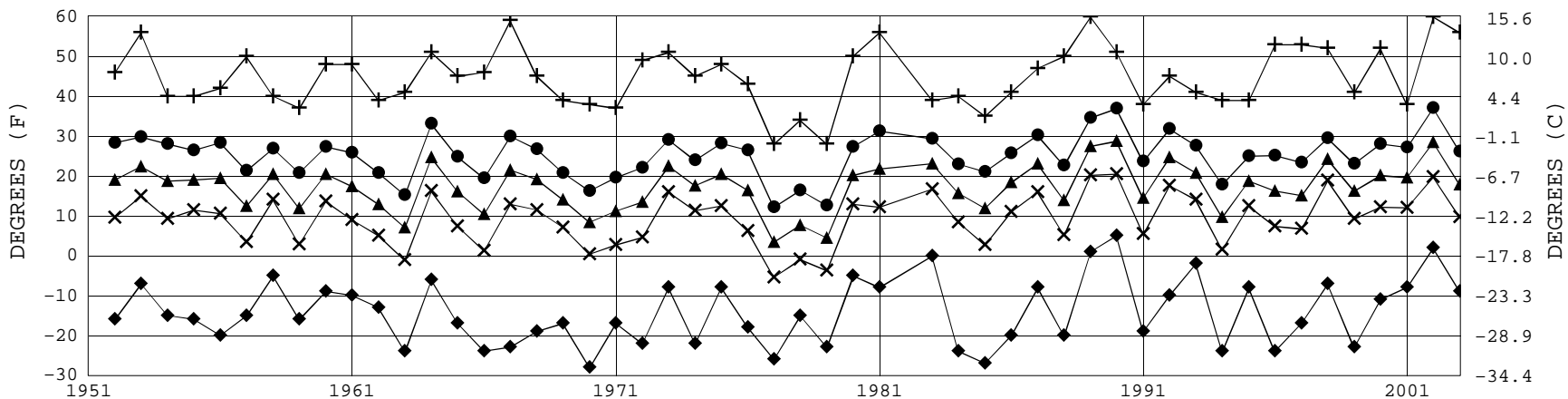
JANUARY 2003

DBQ

WBAN # 94908

HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)	
	SKY COVER	CEILING 100'S OF FT		OBSERVATION TIME (LST)	EFF CLD AMT Okta			DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL		SKY COVER	CEILING 100'S OF FT		OBSERVATION TIME (LST)	EFF CLD AMT Okta			DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0723								JAN 25				SUNSET: 1707				SUNRISE: 0718								JAN 31				SUNSET: 1715			
03	CLR	NC			10.00			13	5	11	70	13	21	29.01	30.24	03	OVC	005			0.75	-SN BR	32	32	32	100	12	18	28.65	29.84	
06	CLR	NC			10.00			9	4	8	80	10	17	28.95	30.18	06	OVC	003			4.00	BR	32	32	32	100	7	19	28.62	29.80	
09	CLR	NC			10.00			13	7	11	77	9	22	28.96	30.19	09	OVC	001			0.50	-SN FG	32	32	32	100	3	19	28.64	29.82	
12	CLR	NC			9.00			25	12	21	58	12	26	28.92	30.14	12	OVC	006			5.00	BR	34	32	33	92	12	34	28.67	29.85	
15	OVC	055			8.00			28	14	24	56	12	30	28.89	30.09	15	OVC	015			4.00	BR	34	31	33	89	10	32	28.70	29.88	
18	OVC	012			4.00	-SN		19	14	18	81	17	33	28.97	30.19	18	OVC	015			6.00	BR	33	29	31	85	12	35	28.78	29.96	
21	BKN	120			10.00			14	6	12	71	13	35	29.03	30.25	21	OVC	013			5.00	BR	32	28	30	85	7	36	28.80	29.99	
24	OVC	100			10.00			12	3	10	67	16	34	29.08	30.29	24	OVC	011			4.00	BR	31	28	30	89	3	29	28.81	30.00	
SUNRISE: 0722								JAN 26				SUNSET: 1709				3-HOURLY OBSERVATION NOTES															
								Sky Cover is the amount of the sky obscured. CLR or SKC = 0, FEW = 1/8-2/8, SCT = 3/8-4/8, BKN = 5/8-7/8, OVC = 8/8, VV = Vertical Visibility = 8/8. Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC= No ceiling detected. & = Original observation contained additional weather elements. See page 3 for additional notes.																							
03	OVC	090			10.00			9	-2	7	61	15	33	29.13	30.35																
06	CLR	NC			10.00			3	-6	2	66	17	34	29.19	30.42																
09	CLR	NC			10.00			2	-7	1	66	16	33	29.26	30.50																
12	CLR	NC			10.00			7	-5	5	57	10	33	29.27	30.52																
15	CLR	NC			10.00			10	-6	7	48	13	31	29.27	30.52																
18	CLR	NC			10.00			3	-10	1	54	7	33	29.30	30.55																
21	CLR	NC			10.00			-1	-12	-2	59	8	33	29.29	30.55																
24	CLR	NC			10.00			-4	-12	-5	68	0	00	29.27	30.53																
SUNRISE: 0721								JAN 27				SUNSET: 1710																			
03	CLR	NC			10.00			-1	-8	-2	72	3	VR	29.25	30.50																
06	OVC	075			10.00			4	-6	2	63	12	18	29.21	30.45																
09	OVC	055			10.00			7	-2	5	66	20	18	29.14	30.38																
12	OVC	065			10.00			14	4	12	64	23	17	29.01	30.25																
15	CLR	NC			10.00			18	4	15	54	17	20	28.90	30.12																
18	CLR	NC			10.00			18	8	15	65	14	19	28.87	30.09																
21	CLR	NC			10.00			19	9	16	65	12	19	28.86	30.08																
24	BKN	100			10.00			21	11	18	65	9	20	28.84	30.04																
SUNRISE: 0720								JAN 28				SUNSET: 1711																			
03	CLR	NC			10.00			22	13	19	68	7	19	28.80	30.01																
06	OVC	090			10.00			24	14	21	65	7	16	28.77	29.98																
09	BKN	095			9.00			25	15	22	66	8	19	28.83	30.03																
12	OVC	023			0.75	-SN BR		25	22	24	88	7	03	28.81	30.01																
15	OVC	030			1.75	-SN BR		27	25	26	92	10	01	28.83	30.03																
18	OVC	085			4.00	BR		27	25	26	92	5	07	28.85	30.04																
21	OVC	012			6.00	BR		26	23	25	88	13	35	28.94	30.14																
24	OVC	014			10.00			21	16	20	81	14	35	29.00	30.21																
SUNRISE: 0720								JAN 29				SUNSET: 1713																			
03	CLR	NC			10.00			13	6	11	74	9	36	29.07	30.29																
06	CLR	NC			10.00			10	3	9	73	9	36	29.13	30.35																
09	CLR	NC			10.00			10	2	8	69	12	01	29.19	30.40																
12	CLR	NC			10.00			16	7	14	67	8	01	29.21	30.42																
15	CLR	NC			10.00			20	8	17	60	3	05	29.19	30.41																
18	CLR	NC			10.00			14	7	12	73	0	00	29.18	30.41																
21	OVC	080			10.00			16	11	15	80	0	00	29.16	30.38																
24	OVC	065			10.00			17	11	15	77	10	19	29.12	30.34																
SUNRISE: 0719								JAN 30				SUNSET: 1714																			
03	OVC	050			10.00			16	10	14	77	10	21	29.09	30.31																
06	CLR	NC			8.00			10	6	9	84	8	20	29.03	30.26																
09	BKN	090			5.00	BR		15	12	14	88	9	18	29.01	30.23																
12	OVC	085			8.00			25	18	23	75	16	19	28.94	30.15																
15	BKN	090			8.00			30	22	27	72	16	17	28.83	30.03																
18	OVC	085			8.00			30	25	28	82	12	17	28.79	29.99																
21	OVC	090			6.00	BR		31	27	29	85	12	17	28.73	29.93																
24	OVC	042			6.00	HZ		34	29	32	82	14	16	28.72	29.91																

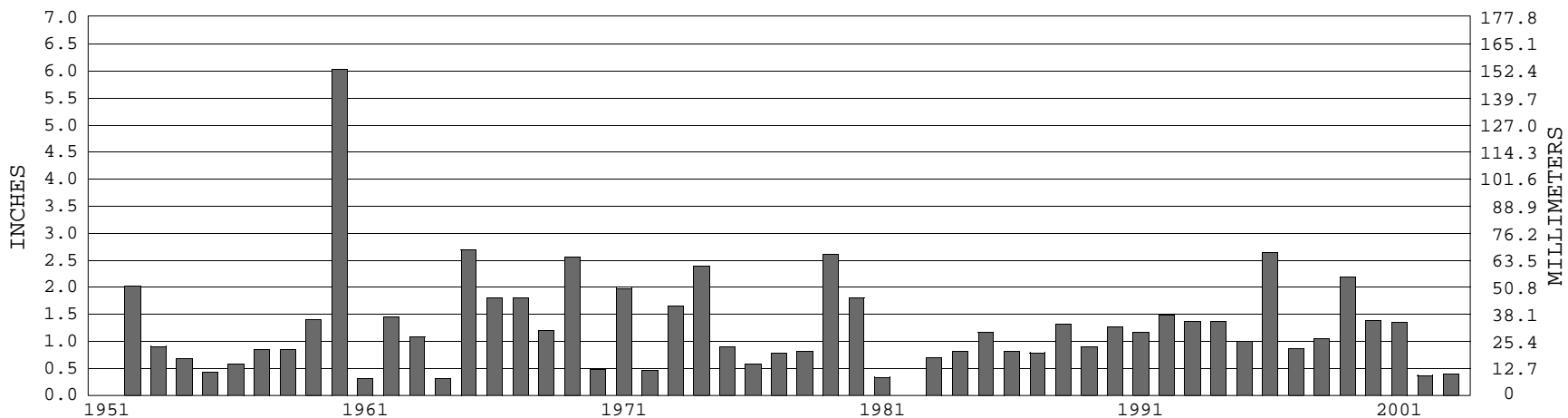
DUBUQUE, IA JANUARY TEMPERATURES



+ Extreme Max. ● Mean Max. ▲ Mean × Mean Min. ◆ Extreme Min.

Long-Term (1951-2003) Mean: 16.7 1961-1990 Normal: 17.0

DUBUQUE, IA JANUARY PRECIPITATION



Long-Term (1951-2003) Mean Monthly Total: 1.25

1961-1990 Normal: 1.28



JANUARY 2003

DUBUQUE, IA

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites operated by NOAA – National Weather Service / Department Of Transportation – Federal Aviation Administration and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801.

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