



FEBRUARY 2001

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

DUBUQUE, IA

MUNICIPAL AIRPORT (DBQ)

Lat: 42° 23' N Long: 90° 42' W Elev (Ground): 1070 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		0600 LST	1200 LST	2400	2400	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM					
												LST	LST						5-SEC		2-MIN			
												DEPTH	WATER EQUIV						SNOW- FALL	WATER EQUIV	SPEED	DIR	SPEED	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
01	19	-6	7	-10	2	7	58	0				0.0	0.00	28.97	30.18	10.8	29	12.0	25	29	21	29	01	
02	6	-10*	-2*	-19	-8	-3	67	0	SN BR			1.0	0.06	29.10	30.34	7.4	25	10.4	20	16	17	16	02	
03	27	6	17	-1	15	17	48	0	SN BR			2.3	0.18	28.83	30.04	11.4	17	11.5	20	17	17	17	03	
04	30	22	26	8	25	27	39	0	SN FG+ FZFG BR HZ			T	T	28.80	29.98	5.7	34	8.5	20	35	17	35	04	
05	29	19	24	6	20	22	41	0	BR			0.0	0.00	28.78	29.96	7.1	23	10.0	18	17	16	18	05	
06	29	11	20	2	20	22	45	0	FG+ FZFG BR HZ			0.0	0.00	28.89	30.08	5.8	34	7.3	18	36	16	36	06	
07	32	11	22	3	19	22	43	0	RA FZRA SN BR UP HZ			T	0.06	28.99	30.19	9.7	08	10.5	25	07	21	07	07	
08	39	31	35	16	33	34	30	0	RA FZRA SN FG+ FZFG BR UP			T	0.82	28.74	29.91	4.6	08	7.9	21	12	18	12	08	
09	33	8	21	2	21	23	44	0	RA FZRA SN FG+ FZFG BR UP			2.0	1.17	28.67	29.84	16.1	34	17.1	37	32	30	32	09	
10	12	0	6	-14	-2	4	59	0				0.0	0.00	29.29	30.52	5.5	32	6.7	24	33	20	31	10	
11	23	2	13	-7	7	12	52	0				0.0	0.00	29.30	30.53	9.3	12	10.7	24	12	21	13	11	
12	31	20	26	6	22	25	39	0	BR HZ			0.0	0.00	29.07	30.26	6.9	20	9.9	24	16	21	16	12	
13	33	28	31	11	29	30	34	0	FG+ BR UP HZ			0.0	T	29.02	30.21	5.2	15	6.8	17	16	15	16	13	
14	33	20	27	6	23	25	38	0	SN FG+ FZFG BR			2.0	0.14	28.85	30.03	10.6	01	11.0	26	03	21	02	14	
15	27	19	23	2	18	22	42	0	BR HZ			0.0	0.00	28.90	30.09	1.5	03	5.5	15	04	14	03	15	
16	24	2	13	-8	7	13	52	0	BR HZ			0.0	0.00	29.12	30.32	16.6	32	17.0	36	31	29	32	16	
17	9	-3	3	-19	-5	1	62	0				0.0	0.00	29.39	30.63	8.5	29	10.0	21	33	18	33	17	
18	26	1	14	-8	8	14	51	0				0.0	0.00	29.15	30.37	12.0	20	12.7	25	19	22	18	18	
19	34	25	30	7	25	29	35	0	HZ			0.0	0.00	28.80	29.98	12.5	24	14.3	26	22	23	22	19	
20	26	7	17	-6	8	16	48	0				0.0	0.00	29.10	30.30	11.2	31	12.4	24	29	21	32	20	
21	13	0	7	-16	-4	6	58	0				0.0	0.00	29.31	30.54	4.8	03	6.3	20	32	17	33	21	
22	25	11	18	-6	13	16	47	0	SN BR HZ			0.3	0.02	28.94	30.14	9.2	24	12.9	26	29	23	29	22	
23	27	8	18	-6	9	15	47	0				0.0	0.00	29.10	30.30	6.3	08	11.6	30	13	28	13	23	
24	42	27	35*	10	33	34	30	0	RA FZRA SN FG+ BR UP			T	0.52	28.56	29.73	19.9	14	20.5	36	13	30	13	24	
25	42*	20	31	6	24	27	34	0	RA FG+ BR			0.0	0.13	28.61	29.78	23.0	27	25.1	54*	26	45*	26	25	
26	28	16	22	-3	17	20	43	0	SN BR			0.2	0.02	29.20	30.41	5.1	32	7.0	15	35	13	35	26	
27	22	5	14	-12	3	13	51	0				0.0	0.00	29.30	30.52	10.8	01	11.5	21	03	17	03	27	
28	20	0	10	-16	1	10	55	0				0.0	0.00	29.07	30.29	8.2	25	9.9	23	22	20	22	28	
26.5 10.7 18.6 ■■ 13.7 18.0 46.1 0.0 < MONTHLY AVERAGES TOTALS->												7.8	3.12	28.99	30.20	2.5	28	11.3	<- MONTHLY AVERAGES					
-3.1 -2.0 -2.6 ■■ <-----DEPARTURE FROM NORMAL----->												1.80	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3											
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 1.80 DATE :08-09				SEA LEVEL PRESSURE DATE TIME											
MONTHLY TOTAL DEPARTURE 1292 66 5809 242									GREATEST 24-HR SNOWFALL: 2.3 DATE :03				MAXIMUM : 30.70 17 1055											
SEASON TO DATE TOTAL DEPARTURE 0 0 0 0									GREATEST SNOW DEPTH: DATE :				MINIMUM : 29.21 25 0255											
HEATING: 1292 66 5809 242									NUMBER OF DAYS WITH → MAXIMUM TEMP ≥ 90: 0				MINIMUM TEMP ≤ 32: 28				PRECIPITATION ≥ 0.01 INCH : 10							
COOLING: 0 0 0 0									MAXIMUM TEMP ≤ 32 : 21				MINIMUM TEMP ≤ 0 : 6				PRECIPITATION ≥ 0.10 INCH : 6							
									THUNDERSTORMS : 0				HEAVY FOG : 8				SNOWFALL ≥ 1.0 INCH : 4							

FEBRUARY 2001
DUBUQUE, IA

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

DUBUQUE, IA

FEBRUARY 2001

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 02 03 04 05	T											0.01	01 02 03 04 05		T	T	T	T	T	T	T	T	T	T	01 02 03 04 05	T	T	0.00 0.06 0.18 T 0.00	
06 07 08 09 10	T 0.07	0.01 0.24	0.03 0.22	0.02 0.16	T 0.13	T 0.08		0.03	0.07	0.02		0.02	06 07 08 09 10		0.14 T	0.08 T	T	T 0.12 T	0.01 0.10 T	0.03 0.15 T	T 0.09 T	0.01 0.02 T	T 0.02	0.01 0.03	T 0.01	06 07 08 09 10	1.04	0.00 0.06 0.82 1.17 0.00	
11 12 13 14 15													11 12 13 14 15												11 12 13 14 15			0.00 0.00 T 0.14 0.00	
16 17 18 19 20													16 17 18 19 20	0.01	T	T	T	T	T							16 17 18 19 20			0.00 0.00 0.00 0.00 0.00
21 22 23 24 25	T	T	T	T	T	T	T						21 22 23 24 25	T	0.02	0.05	0.07	0.05	0.06	T					21 22 23 24 25	T		0.00 0.02 0.00 0.52 0.13	
26 27 28													26 27 28					T	T	T					26 27 28	T		0.02 0.00 0.00	

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.09	.11	.12	.12	.14	.20	.25	.33	.41	.50	.56	.65
Ending Date	08	08	08	08	09	09	09	09	09	09	09	09
Ending Time (Hour/Min)	1310	1313	1317	1317	0122	0136	0243	0212	0225	0243	0313	0345

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.

* = 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

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

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

WEATHER NOTATIONS

**DUBUQUE, IA
FEBRUARY 2001**

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.

DATE	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01							8.00	10.00	
02							1.25	10.00	
03							.75	10.00	
04							<.25	6.00	
05							2.50	8.00	
06							.25	5.00	
07							2.00	4.00	
08							<.25	4.00	
09							.25	10.00	
10							10.00	10.00	
11							10.00	10.00	
12							2.50	10.00	
13							.25	6.00	
14							.25	9.00	
15							1.75	8.00	
16							2.00	10.00	
17							10.00	10.00	
18							10.00	10.00	
19							5.00	10.00	
20							7.00	10.00	
21							10.00	10.00	
22							1.50	10.00	
23							7.00	10.00	
24							.25	6.00	
25							.25	10.00	
26							1.25	10.00	
27							10.00	10.00	
28							10.00	10.00	
MONTHLY AVGS							4.19	8.71	
<p align="center">SUNSHINE (MINUTES)</p> <p>Total: Possible:</p> <p> Percent Possible:</p>									
<p align="center">NUMBER OF DAYS WITH:</p> <p align="center">SKY CONDITION</p> <p align="center">CLR PTLY CLDY CLOUDY MISSING</p> <p align="center">28</p> <p align="center">MINIMUM VISIBILITY (MILES)</p> <p align="center"><=0.25 <=3.0 >=7.0</p> <p align="center">7 17 10</p>									

OBSERVATIONS AT 3-HOURLY INTERVALS

DUBUQUE, IA

FEBRUARY 2001

DBQ

WBAN # 94908

HOUR (LST)			SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)			SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		
			OBSERVATION TIME (LST)	EFF CLD AMT <small>Okta</small>		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION				SEA LEVEL	OBSERVATION TIME (LST)		EFF CLD AMT <small>Okta</small>	VISIBILITY (MILES)	DRY BULB		DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION
SUNRISE: 0716 FEB 01 SUNSET: 1717																												
03	CLR	NC			10.00	15	12	14	88	7	25	28.86	30.05	03	CLR	NC			3.00	BR	14	11	13	88	5	02	29.06	30.27
06	BKN	120			8.00	12	11	12	95	7	23	28.89	30.09	06	OVC	110			3.00	BR	12	9	11	87	10	02	29.07	30.28
09	FEW	NC			10.00	16	12	15	84	6	26	28.95	30.14	09	SCT	NC			3.00	BR	20	18	19	92	9	09	29.06	30.27
12	OVC	055			10.00	16	8	14	71	14	29	28.95	30.16	12	SCT	NC			3.00	HZ	26	21	24	81	15	10	29.02	30.23
15	BKN	085			10.00	6	-3	4	66	17	29	28.98	30.19	15	OVC	046			4.00	HZ	28	22	26	78	15	07	28.97	30.17
18	CLR	NC			10.00	1	-7	0	68	16	28	29.03	30.26	18	OVC	032			2.50	-FZRA BR	29	25	28	85	18	07	28.90	30.10
21	CLR	NC			10.00	-3	-11	-4	68	16	31	29.08	30.30	21	BKN	021			3.00	-FZRA BR	30	28	29	92	14	09	28.89	30.08
24	CLR	NC			10.00	-6	-12	-7	75	13	30	29.09	30.32	24	BKN	006			3.00	UP BR	31	29	30	92	6	12	28.83	30.01
SUNRISE: 0715 FEB 02 SUNSET: 1718																												
03	CLR	NC			10.00	-8	-14	-9	74	9	30	29.11	30.35	03	OVC	007			0.75	-FZRA BR	32	31	32	96			28.78	29.96
06	CLR	NC			10.00	-9	-15	-10	75	7	30	29.12	30.36	06	OVC	007			0.50	FG	32	32	32	100	6	VR	28.80	29.98
09	CLR	NC			10.00	-8	-15	-9	71	10	28	29.17	30.42	09	OVC	003			<.25	FG	32	32	32	100	0	00	28.83	30.01
12	CLR	NC			10.00	-1	-9	-2	68	8	26	29.16	30.41	12	VV	001			0.25	FG	35	34	35	96	7	07	28.80	29.97
15	CLR	NC			10.00	2	-5	1	72	12	25	29.09	30.33	15	OVC	003			1.75	BR	35	35	35	100	17	12	28.71	29.88
18	OVC	090			10.00	4	-4	3	69	9	19	29.04	30.29	18	OVC	009			0.50	RA FG	37	37	37	100	13	16	28.69	29.86
21	OVC	012			1.25	4	0	3	83	10	20	29.05	30.29	21	OVC	007			0.50	-RA FG	34	33	34	97	12	03	28.63	29.80
24	OVC	050			4.00	6	2	5	83	16	17	28.97	30.21	24	OVC	001			1.50	BR	33	32	33	96	10	02	28.57	29.73
SUNRISE: 0714 FEB 03 SUNSET: 1720																												
03	OVC	027			7.00	9	6	8	88	15	17	28.93	30.14	03	OVC	003			5.00	UP BR	32	31	32	96	16	35	28.56	29.71
06	OVC	021			10.00	13	9	12	84	10	16	28.89	30.10	06	OVC	005			6.00	FZRA BR	32	30	31	92	17	36	28.51	29.67
09	CLR	NC			9.00	15	12	14	88	14	16	28.87	30.08	09	OVC	006			1.00	-SN BR	28	26	27	92	14	34	28.51	29.68
12	BKN	120			10.00	20	13	18	74	10	18	28.85	30.05	12	OVC	014			2.50	-SN BR	28	25	27	88	12	35	28.53	29.70
15	BKN	040			2.50	23	17	21	78	12	17	28.79	29.99	15	OVC	005			0.50	SN FZFG	26	23	25	88	22	34	28.62	29.78
18	OVC	022			2.00	23	20	22	88	14	16	28.78	29.98	18	BKN	120			4.00	UP	18	13	17	81	22	32	28.81	29.99
21	OVC	060			6.00	25	22	24	88	7	18	28.76	29.95	21	CLR	NC			7.00		13	7	11	77	20	33	28.95	30.15
24	OVC	060			5.00	26	24	25	92	9	16	28.71	29.90	24	CLR	NC			10.00		8	1	7	73	16	33	29.04	30.25
SUNRISE: 0713 FEB 04 SUNSET: 1721																												
03	BKN	007			5.00	28	25	27	88	7	21	28.71	29.89	03	CLR	NC			10.00		3	-4	2	72	12	32	29.13	30.34
06	OVC	007			0.25	29	28	29	96	3	27	28.72	29.90	06	CLR	NC			10.00		0	-7	-1	72	7	31	29.24	30.47
09	OVC	003			1.25	29	28	29	96	7	36	28.76	29.94	09	CLR	NC			10.00		2	-7	1	66	9	35	29.30	30.54
12	CLR	NC			2.50	29	27	28	92	9	36	28.79	29.96	12	CLR	NC			10.00		8	-3	6	60	7	01	29.31	30.55
15	OVC	009			2.50	29	26	28	89	12	34	28.81	29.98	15	CLR	NC			10.00		10	1	8	67	7	23	29.31	30.55
18	SCT	NC			5.00	28	24	27	85	16	34	28.87	30.05	18	CLR	NC			10.00		9	2	8	73	0	00	29.33	30.57
21	CLR	NC			5.00	25	21	24	85	10	34	28.89	30.08	21	CLR	NC			10.00		4	0	3	83	0	00	29.36	30.61
24	OVC	034			6.00	23	18	21	81	8	34	28.89	30.07	24	CLR	NC			10.00		5	-1	4	76	3	02	29.40	30.64
SUNRISE: 0712 FEB 05 SUNSET: 1722																												
03	OVC	021			6.00	22	18	21	85	12	31	28.89	30.07	03	CLR	NC			10.00		3	-1	2	83	7	05	29.39	30.63
06	OVC	013			4.00	19	17	18	92	7	27	28.86	30.05	06	CLR	NC			10.00		5	-1	4	76	3	06	29.40	30.64
09	OVC	004			4.00	20	19	20	96	14	24	28.83	30.02	09	CLR	NC			10.00		8	1	7	73	8	09	29.40	30.64
12	OVC	006			7.00	21	18	20	88	13	20	28.80	29.99	12	CLR	NC			10.00		17	8	15	68	10	14	29.33	30.56
15	BKN	100			5.00	24	20	23	84	13	19	28.69	29.87	15	CLR	NC			10.00		22	12	19	66	13	14	29.26	30.48
18	OVC	080			7.00	25	22	24	88	7	18	28.70	29.89	18	CLR	NC			10.00		21	14	19	74	10	11	29.21	30.43
21	OVC	060			6.00	27	25	26	92	8	19	28.69	29.87	21	CLR	NC			10.00		20	14	18	78	20	12	29.16	30.37
24	BKN	095			5.00	29	26	28	89	0	00	28.70	29.89	24	OVC	085			10.00		21	16	20	81	15	14	29.12	30.32
SUNRISE: 0711 FEB 06 SUNSET: 1724																												
03	OVC	005			3.00	25	24	25	96	13	01	28.72	29.90	03	OVC	070			8.00		22	19	21	89	16	16	29.06	30.27
06	OVC	003			3.00	25	23	24	92	9	36	28.78	29.96	06	SCT	NC			6.00	BR	20	18	19	92	15	16	29.03	30.23
09	OVC	005			2.50	24	22	23	91	10	35	28.85	30.04	09	OVC	040			5.00	BR	23	20	22	88	12	20	29.03	30.24
12	BKN	009			4.00	27	23	26	85	10	32	28.91	30.09	12	OVC	032			6.00	HZ	28	22	26	78	8	24	29.05	30.24
15	CLR	NC			2.50	26	21	24	81	12	28	28.94	30.13	15	OVC	025			5.00	HZ	31	25	29	79	13	27	29.05	30.24
18	CLR	NC			2.50	18	17	18	96	7	27	28.97	30.17	18	SCT	NC			5.00	BR	29	26	28	89	6	24	29.07	30.27
21	OVC	008			0.25	15	14	15	95	0	00	29.03	30.23	21	OVC	018			5.00	BR	28	25	27	88	6	28	29.11	30.30
24	CLR	NC			3.00	16	14	15	92	0	00	29.04	30.25	24	OVC	016			5.00	BR	29	25	28	85	5	24	29.13	30.32

OBSERVATIONS AT 3-HOURLY INTERVALS

DUBUQUE, IA

FEBRUARY 2001

DBQ

WBAN # 94908

HOUR (LST)			SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)			SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)			
	SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT <small>Okta</small>		VISIBILITY (MILES)	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 <small>Okta</small>	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0702 FEB 13						SUNSET: 1733						SUNRISE: 0653 FEB 19						SUNSET: 1740											
03	OVC	012			6.00 BR	29	25	28	85	7	21	29.13	30.32	03	OVC	044			10.00	29	21	26	72	16	20	28.77	29.95		
06	OVC	012			6.00 BR	29	25	28	85	10	22	29.13	30.32	06	OVC	028			10.00	32	25	29	75	18	21	28.71	29.89		
09	OVC	012			4.00 BR	29	25	28	85	8	13	29.10	30.29	09	OVC	019			10.00	31	27	29	85	15	23	28.74	29.92		
12	SCT	NC			2.00 BR	31	29	30	92	12	15	29.06	30.24	12	CLR	NC			6.00 HZ	34	28	32	79	13	26	28.75	29.93		
15	OVC	002			1.00 BR	32	31	32	96	7	13	28.98	30.16	15	CLR	NC			5.00 HZ	34	27	31	76	17	26	28.79	29.96		
18	OVC	002			1.25 BR	33	32	33	96	6	13	28.94	30.11	18	BKN	120			7.00	31	24	28	76	14	28	28.84	30.01		
21	OVC	007			0.50 FG	33	32	33	96	6	17	28.92	30.09	21	OVC	110			7.00	28	24	27	85	10	25	28.91	30.08		
24	OVC	007			0.25 FG	32	32	32	100	5	02	28.87	30.04	24	OVC	120			7.00	26	19	24	75	7	29	28.93	30.11		
SUNRISE: 0700 FEB 14						SUNSET: 1734						SUNRISE: 0652 FEB 20						SUNSET: 1742											
03	OVC	007			0.50 -SN FG	32	32	32	100	6	36	28.83	30.01	03	OVC	095			8.00	23	16	21	74	12	34	28.95	30.13		
06	OVC	001			2.50 BR	32	31	32	96	17	02	28.79	29.96	06	OVC	100			10.00	20	11	17	68	6	35	28.99	30.19		
09	OVC	004			2.50 BR	30	28	29	92	10	36	28.85	30.02	09	CLR	NC			10.00	19	6	16	57	13	34	29.07	30.27		
12	OVC	006			0.50 SN FZFG	25	23	24	92	15	01	28.86	30.04	12	OVC	075			10.00	21	8	18	57	14	31	29.11	30.31		
15	BKN	009			2.00 -SN BR	24	20	23	84	13	02	28.82	30.00	15	CLR	NC			10.00	22	9	18	57	17	30	29.10	30.30		
18	OVC	055			7.00	21	17	20	85	9	03	28.85	30.03	18	CLR	NC			10.00	16	6	14	65	16	29	29.16	30.37		
21	OVC	038			9.00	21	14	19	74	8	02	28.89	30.07	21	CLR	NC			10.00	11	0	9	61	15	32	29.24	30.45		
24	OVC	042			8.00	20	13	18	74	12	03	28.91	30.10	24	CLR	NC			10.00	7	-2	5	66	16	33	29.28	30.50		
SUNRISE: 0659 FEB 15						SUNSET: 1735						SUNRISE: 0650 FEB 21						SUNSET: 1743											
03	OVC	021			8.00	19	12	17	74	13	04	28.88	30.07	03	CLR	NC			10.00	3	-4	2	72	0	00	29.33	30.55		
06	OVC	014			7.00	19	14	18	81	8	04	28.88	30.08	06	CLR	NC			10.00	1	-6	0	72	8	36	29.36	30.60		
09	OVC	008			5.00 HZ	21	16	20	81	3	04	28.91	30.11	09	CLR	NC			10.00	3	-6	2	66	8	01	29.41	30.65		
12	OVC	014			6.00 HZ	25	18	23	75	0	00	28.92	30.11	12	CLR	NC			10.00	10	-6	7	48	5	36	29.39	30.62		
15	FEW	NC			5.00 HZ	26	20	24	78	3	19	28.87	30.06	15	CLR	NC			10.00	13	-8	9	38	3	VR	29.32	30.55		
18	BKN	014			6.00 HZ	27	22	25	81	3	17	28.88	30.07	18	SCT	NC			10.00	11	-2	8	56	7	04	29.26	30.49		
21	FEW	NC			3.00 BR	26	23	25	88	6	27	28.91	30.10	21	OVC	100			10.00	11	-1	9	58	5	09	29.22	30.45		
24					1.75 BR	24	21	23	88	7	27	28.95	30.14	24	OVC	050			10.00	12	-1	9	56	7	10	29.13	30.35		
SUNRISE: 0658 FEB 16						SUNSET: 1737						SUNRISE: 0649 FEB 22						SUNSET: 1744											
03					8.00	21	17	20	85	10	30	28.96	30.16	03	OVC	018			2.50 -SN BR	11	7	10	84	5	15	29.03	30.25		
06	OVC	021			7.00	19	13	17	77	10	34	28.99	30.19	06	OVC	034			5.00 -SN BR	12	9	11	87	9	20	28.98	30.19		
09	CLR	NC			6.00 HZ	17	11	15	77	14	31	29.08	30.28	09	OVC	018			5.00 BR	16	13	15	88	15	19	28.93	30.13		
12	CLR	NC			10.00	17	7	15	64	18	31	29.12	30.33	12	OVC	012			5.00 BR	20	17	19	89	16	24	28.90	30.10		
15	CLR	NC			10.00	17	4	14	56	21	32	29.12	30.33	15	OVC	010			4.00 BR	23	20	22	88	18	25	28.87	30.06		
18	CLR	NC			8.00	10	1	8	67	26	32	29.19	30.40	18	OVC	014			5.00 HZ	25	20	23	81	14	25	28.87	30.06		
21	CLR	NC			9.00	6	-3	4	66	23	32	29.26	30.48	21	CLR	NC			8.00	20	14	18	78	17	29	28.92	30.12		
24	CLR	NC			10.00	2	-6	1	69	16	32	29.31	30.54	24	CLR	NC			7.00	14	9	13	80	12	32	28.97	30.18		
SUNRISE: 0656 FEB 17						SUNSET: 1738						SUNRISE: 0647 FEB 23						SUNSET: 1745											
03	CLR	NC			10.00	0	-7	-1	72	7	33	29.34	30.58	03	CLR	NC			10.00	10	5	9	80	8	33	29.04	30.24		
06	CLR	NC			10.00	-2	-9	-3	72	10	33	29.39	30.64	06	CLR	NC			10.00	10	4	9	76	9	01	29.10	30.31		
09	CLR	NC			10.00	0	-8	-1	69	9	32	29.43	30.67	09	CLR	NC			7.00	12	5	10	73	9	04	29.16	30.38		
12	CLR	NC			10.00	4	-4	3	69	10	25	29.45	30.69	12	CLR	NC			10.00	19	6	16	57	10	10	29.16	30.37		
15	CLR	NC			10.00	8	-1	6	66	14	28	29.41	30.65	15	FEW	NC			10.00	23	7	19	50	10	09	29.12	30.33		
18	CLR	NC			10.00	5	-2	4	72	8	27	29.37	30.62	18	OVC	110			10.00	22	11	19	63	8	09	29.11	30.32		
21	CLR	NC			10.00	3	-5	2	69	8	27	29.37	30.62	21	OVC	100			10.00	24	15	21	68	13	10	29.07	30.27		
24	BKN	060			10.00	1	-5	0	75	7	25	29.36	30.61	24	OVC	095			7.00	27	20	25	75	22	13	28.98	30.18		
SUNRISE: 0655 FEB 18						SUNSET: 1739						SUNRISE: 0646 FEB 24						SUNSET: 1747											
03	OVC	060			10.00	4	-2	3	76	5	23	29.33	30.57	03	OVC	032			3.00 -FZRA BR	28	26	27	92	21	12	28.90	30.08		
06	OVC	050			10.00	9	3	8	77	10	23	29.29	30.53	06	OVC	006			3.00 -RA BR	33	32	33	96	24	12	28.77	29.95		
09	OVC	038			10.00	12	5	10	73	13	22	29.28	30.52	09	OVC	006			2.50 -RA BR	34	33	34	97	24	14	28.70	29.88		
12	CLR	NC			10.00	19	9	16	65	15	20	29.21	30.43	12	OVC	002			0.75 BR	35	33	34	93	18	14	28.62	29.78		
15	CLR	NC			10.00	23	11	20	60	16	21	29.13	30.34	15	OVC	004			4.00 -RA BR	36	35	36	97	16	13	28.48	29.64		
18	CLR	NC			10.00	23	14	20	68	12	19	29.02	30.24	18	OVC	002			2.00 -RA BR	38	37	38	97	16	14	28.36	29.52		
21	CLR	NC			10.00	24	15	21	68	20	18	28.93	30.12	21	OVC	007			0.25 FG	40	39	40	97	17	15	28.23	29.37		
24	SCT	NC			10.00	26	17	23	69	18	19	28.84	30.03	24	OVC	007			0.25 FG	42	41	42	96	20	18	28.14	29.28		

OBSERVATIONS AT 3-HOURLY INTERVALS

DUBUQUE, IA

FEBRUARY 2001

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)			
				OBSERVATION TIME (LST)	EFF CLD AMT <small>Okta</small>			DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL		
SUNRISE: 0644 FEB 25 SUNSET: 1748																	
03	OVC	018				4.00	-RA BR	41	40	41	96	24	22	28.07	29.21		
06	OVC	011				8.00		32	28	30	85	41	26	28.24	29.39		
09	OVC	013				8.00		26	21	24	81	31	26	28.46	29.62		
12	OVC	015				10.00		25	19	23	78	30	27	28.63	29.80		
15	OVC	015				10.00		27	20	25	75	29	28	28.78	29.95		
18	SCT	NC				10.00		25	20	23	81	18	29	28.91	30.09		
21	CLR	NC				10.00		23	18	21	81	17	29	29.03	30.23		
24	CLR	NC				10.00		20	15	19	81	12	27	29.11	30.32		
SUNRISE: 0643 FEB 26 SUNSET: 1749																	
03	CLR	NC				10.00		18	15	17	88	7	29	29.16	30.37		
06	SCT	NC				9.00		16	13	15	88	5	27	29.18	30.39		
09	OVC	050				8.00		19	15	18	85	0	00	29.20	30.40		
12	BKN	110				10.00		26	19	24	75	8	27	29.23	30.44		
15	OVC	024				9.00		27	20	25	75	5	34	29.19	30.39		
18	OVC	040				4.00	-SN BR	24	20	23	84	8	34	29.22	30.43		
21	OVC	070				10.00		22	16	20	78	12	35	29.24	30.45		
24	OVC	085				10.00		22	15	20	75	9	35	29.28	30.48		
SUNRISE: 0641 FEB 27 SUNSET: 1750																	
03	OVC	120				10.00		18	11	16	74	12	01	29.30	30.51		
06	BKN	120				10.00		16	7	14	67	16	02	29.32	30.54		
09	BKN	120				10.00		15	3	12	59	14	04	29.33	30.55		
12	BKN	110				10.00		18	4	15	54	13	01	29.33	30.55		
15	CLR	NC				10.00		20	3	16	48	13	34	29.29	30.51		
18	CLR	NC				10.00		17	-1	13	45	9	35	29.27	30.49		
21	CLR	NC				10.00		11	-4	8	51	9	34	29.27	30.50		
24	CLR	NC				10.00		5	-5	3	63	12	35	29.26	30.49		
SUNRISE: 0639 FEB 28 SUNSET: 1752																	
03	CLR	NC				10.00		4	-7	2	60	3	01	29.24	30.46		
06	CLR	NC				10.00		0	-6	-1	76	3	25	29.22	30.44		
09	CLR	NC				10.00		5	-10	3	49	3	28	29.17	30.40		
12	CLR	NC				10.00		13	1	10	59	10	25	29.12	30.35		
15	CLR	NC				10.00		19	7	16	59	10	25	29.02	30.23		
18	CLR	NC				10.00		19	9	16	65	13	25	28.94	30.15		
21	CLR	NC				10.00		19	12	17	74	18	23	28.89	30.09		
24	CLR	NC				10.00		18	9	16	68	14	24	28.84	30.04		
SUNRISE: FEB 29 SUNSET:																	
SUNRISE: FEB 30 SUNSET:																	

HOUR (LST)	SKY COVER		CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT <small>Okta</small>	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)			
								DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL		
SUNRISE: FEB 31 SUNSET:																	

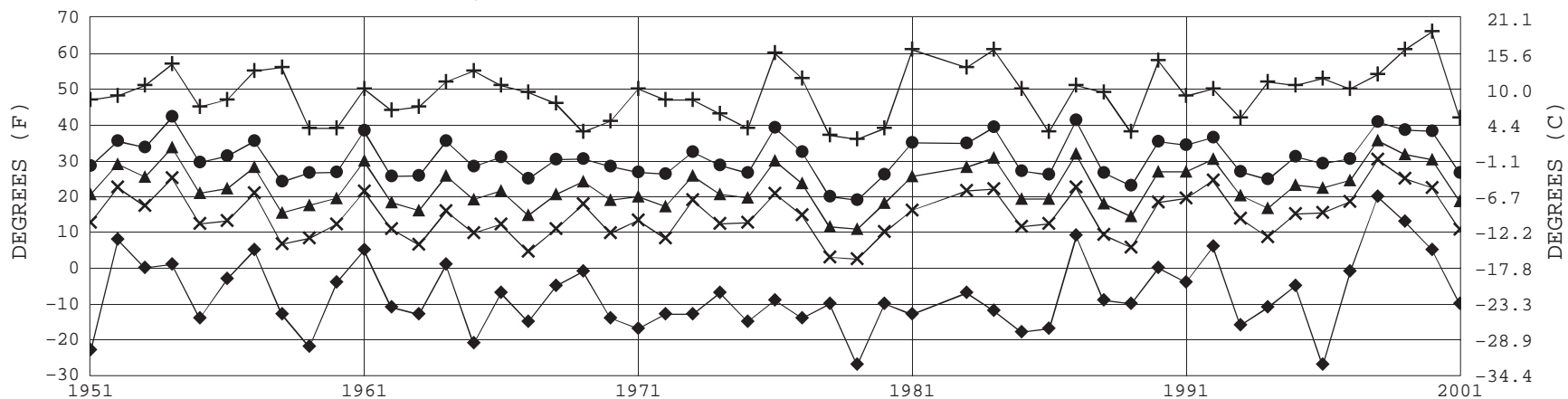
3-HOURLY OBSERVATION NOTES

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 Visibilty = 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.

SUMMARY BY HOUR

HOUR (LST)	AVERAGES										RESULTANT WIND (MPH)	
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (INCHES, HG)		VISIBILITY (MILES)	WIND SPEED (MPH)	SPEED	DIRECTION
							STATION	SEA LEVEL				
01			18	13	17	81	28.98	30.18	7.23	11	2	30
02			18	13	16	83	28.99	30.19	6.71	10	2	32
03			17	13	16	83	28.98	30.18	7.06	10	2	30
04			17	13	16	84	28.98	30.18	7.22	11	3	29
05			17	12	16	83	28.98	30.19	6.92	11	2	28
06			17	12	16	83	28.99	30.19	7.08	11	2	30
07			17	12	16	83	29.00	30.20	7.27	11	3	27
08			17	12	16	82	29.01	30.21	6.52	11	2	27
09			18	13	17	80	29.01	30.22	6.57	11	2	28
10			19	13	17	78	29.02	30.22	6.55	11	2	29
11			20	13	19	75	29.02	30.22	6.96	12	3	28
12			21	14	20	75	29.01	30.21	6.98	12	3	27
13			22	14	20	73	29.00	30.20	6.89	12	3	26
14			23	15	21	73	28.99	30.19	7.15	12	5	28
15			23	15	21	73	28.98	30.18	6.56	13	5	27
16			23	15	21	74	28.98	30.18	6.45	13	4	28
17			22	15	20	76	28.98	30.18	6.22	12	3	27
18			21	15	20	78	28.99	30.19	6.74	12	3	28
19			20	15	19	79	28.99	30.20	6.95	11	2	27
20			20	14	19	79	29.00	30.20	6.60	11	2	27
21			19	14	18	79	29.00	30.20	6.81	12	3	29
22			19	13	17	78	28.99	30.20	7.03	11	3	30
23			19	13	17	79	28.99	30.19	6.76	11	2	30
24			19	13	17	79	28.99	30.19	6.92	11	2	28

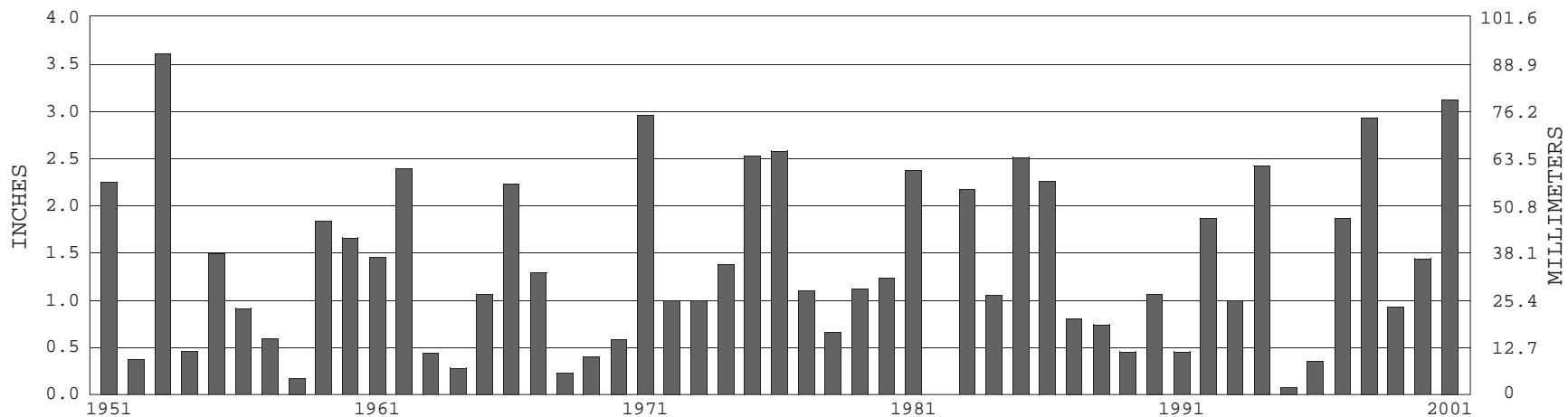
DUBUQUE, IA FEBRUARY TEMPERATURES



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

Long-Term (1951-2001) Mean: 22.2 1961-1990 Normal: 21.2

DUBUQUE, IA FEBRUARY PRECIPITATION



Long-Term (1951-2001) Mean Monthly Total: 1.36

1961-1990 Normal: 1.32



FEBRUARY 2001
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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