



FEBRUARY 2002

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		0600 LST	1200 LST	2400 LST	2400 LST	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	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24														
01	28	8	18	-1	17	20	47	0	RA FZRA SN BR UP			1.0	0.06	29.02	30.22	9.6	30	12.1	28	32	24	33	01														
02	31	3*	17	-2	16	19	48	0	FG+ FZFG BR HZ			0.0	0.00	29.07	30.28	11.0	21	12.2	25	20	22	19	02														
03	30	11	21	2	15	19	44	0	BR			0.0	0.00	28.96	30.16	10.3	29	12.5	28	32	23	31	03														
04	20	4	12*	-8	3	9	53	0				0.0	0.00	29.27	30.51	2.6	29	7.8	18	34	16	34	04														
05	28	5	17	-3	11	16	48	0	BR HZ			0.0	0.00	29.14	30.36	8.4	23	9.1	18	28	15	28	05														
06	36	12	24	4	20	23	41	0	BR HZ			0.0	0.00	28.91	30.11	9.1	22	9.6	23	28	18	25	06														
07	38	22	30	9	26	29	35	0	BR			0.0	0.00	28.85	30.04	9.2	23	10.3	22	20	18	20	07														
08	41	22	32	11	27	30	33	0	BR HZ			0.0	0.00	28.83	30.01	7.5	17	9.0	21	13	17	13	08														
09	44	33	39	18	33	36	26	0	RA BR			0.0	0.21	28.74	29.92	10.7	12	13.3	24	13	21	14	09														
10	37	24	31	10	27	30	34	0	RA SN FG+ BR			0.8	0.11	28.99	30.18	13.1	36	13.6	35	01	26	01	10														
11	37	19	28	6	21	26	37	0				0.0	0.00	28.91	30.10	13.8	20	15.6	36	19	32	19	11														
12	38	22	30	8	23	29	35	0				0.0	0.00	28.86	30.05	18.1	29	18.8	44*	29	36*	29	12														
13	38	14	26	4	18	24	39	0				0.0	0.00	29.09	30.30	9.0	21	10.2	23	22	21	23	13														
14	46	29	38	15	23	32	27	0				0.0	0.00	28.77	29.95	20.0	20	20.2	41	19	35	19	14														
15	41	32	37	14	27	33	28	0				0.0	0.00	28.73	29.91	14.8	27	16.1	30	27	24	27	15														
16	44	32	38	15	25	32	27	0				0.0	0.00	28.77	29.95	13.8	30	15.1	36	32	26	32	16														
17	40	22	31	7	19	27	34	0				0.0	0.00	29.02	30.22	2.6	16	8.3	18	16	16	16	17														
18	52	29	41	17	27	35	24	0	RA BR			0.0	0.21	28.80	29.98	15.3	16	15.4	29	17	24	16	18														
19	45	39	42	18	42	42	23	0	RA FG+ BR			0.0	0.28	28.54	29.70	10.5	16	10.7	23	17	17	15	19														
20	45	30	38	13	34	36	27	0	RA SN FG+ BR			T	0.16	28.38	29.54	11.1	29	11.9	28	29	23	30	20														
21	32	24	28	3	24	27	37	0	SN BR			0.3	0.02	28.87	30.06	12.0	34	12.3	23	35	20	36	21														
22	39	16	28	2	20	26	37	0				0.0	0.00	29.05	30.25	0.6	16	6.6	16	16	14	16	22														
23	53	32	43	17	28	35	22	0				0.0	0.00	28.76	29.94	16.0	18	16.1	33	19	29	19	23														
24	63*	38	51*	25	34	42	14	0				0.0	0.00	28.61	29.77	7.4	17	13.0	30	16	25	19	24														
25	41	22	32	5	25	29	33	0	SN BR			0.2	0.01	28.83	30.01	14.9	34	15.2	25	32	21	33	25														
26	22	15	19	-8	13	17	46	0	SN BR HZ			0.6	0.03	28.82	30.02	16.4	31	16.7	29	29	24	30	26														
27	23	10	17	-11	7	13	48	0	SN			0.0	T	28.88	30.10	9.7	29	11.5	23	26	18	27	27														
28	32	12	22	-6	14	20	43	0	SN			0.0	T	28.83	30.04	9.8	26	12.4	29	28	24	26	28														
< MONTHLY AVERAGES										TOTALS->			2.9	1.09	28.87	30.06	5.2	25	12.7	<- MONTHLY AVERAGES																	
7.2										5.4				6.3				<-----DEPARTURE FROM NORMAL----->										- .33		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3							
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 0.49				DATE :18-19				SEA LEVEL PRESSURE				DATE		TIME														
MONTHLY									GREATEST 24-HR SNOWFALL: 1.0				DATE :01				MAXIMUM				:		30.59														
TOTAL DEPARTURE									GREATEST SNOW DEPTH:				DATE :				MINIMUM				:		20.42														
HEATING: 990									NUMBER OF				MAXIMUM TEMP ≥ 90: 0				PRECIPITATION ≥ 0.01 INCH :				:		9														
COOLING: 0									DAYS WITH →				MAXIMUM TEMP ≤ 32 : 9				PRECIPITATION ≥ 0.10 INCH :				:		5														
SEASON TO DATE									TOTAL DEPARTURE				TOTAL DEPARTURE				MINIMUM				:		0655														
4445									-1122				0				HEAVY FOG				:		1														
0									0				0				SNOWFALL ≥ 1.0 INCH				:		1														

FEBRUARY 2002
DUBUQUE, IA

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

DUBUQUE, IA

FEBRUARY 2002

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	T	T	T	T	T	T	T		T		T		01												01	T	0.06	
02													02												02		0.00	
03													03												03		0.00	
04													04												04		0.00	
05													05												05		0.00	
06													06												06		0.00	
07													07												07		0.00	
08													08												08		0.00	
09													09								0.01	0.05	0.05	0.06	0.04	09	0.05	0.21
10	0.01		T	T	0.03	T	0.01	T	T	T			10												10		0.11	
11													11												11		0.00	
12													12												12		0.00	
13													13												13		0.00	
14													14												14		0.00	
15													15												15		0.00	
16													16												16		0.00	
17													17												17		0.00	
18													18									0.03	0.04	0.09	0.05	18		0.21
19	0.02	T	0.05	T	0.02	0.03							19	0.06	0.05	T		0.03	0.01						19	0.29	0.28	
20			0.01		0.01	0.01	0.05	0.03	0.03	0.01	T	0.01	20	T							T	T	T	T	20		0.16	
21	T	T	T	T	T	T	T	T	T				21												21	T	0.02	
22													22												22		0.00	
23													23												23		0.00	
24													24												24		0.00	
25				T	T	T		T	T				25								T	T	T	T	25	T	0.01	
26	T	T	T	T	T	T	T	T	T	T	T	T	26	T	T	T	T	T	T	T					26	T	0.03	
27													27	T											27		T	
28											T		28	T											28		T	

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.02	.03	.04	.04	.05	.07	.09	.11	.13	.14	.18	.19
Ending Date	19	19	18	20	20	18	18	18	18	18	18	18
Ending Time (Hour/Min)	0512	0517	2105	0637	0646	2313	2302	2313	2324	2355	2313	2324

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.

OBSERVATIONS AT 3-HOURLY INTERVALS

DUBUQUE, IA

FEBRUARY 2002

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)			
	SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION		SEA LEVEL	SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)		EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB		DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
					SUNRISE: 0716	FEB 01			SUNSET: 1717										SUNRISE: 0710	FEB 07									
03	OVC	019			2.00	-SN BR	24	22	23	91	18	33	28.67	29.86	03	OVC	004			4.00	BR	29	27	28	92	14	25	28.80	29.98
06	OVC	016			10.00	-FZRA	23	19	22	85	14	32	28.82	30.01	06	CLR	NC			4.00	BR	23	21	22	92	5	23	28.82	30.02
09	OVC	018			10.00		23	18	21	81	16	33	28.98	30.18	09	CLR	NC			6.00	BR	26	22	25	84	6	27	28.88	30.07
12	CLR	NC			10.00		27	19	24	72	12	31	29.07	30.27	12	CLR	NC			10.00		34	28	32	79	7	26	28.89	30.07
15	CLR	NC			10.00		26	18	23	71	13	26	29.13	30.34	15	CLR	NC			10.00		38	28	34	68	9	24	28.86	30.04
18	CLR	NC			10.00		21	15	19	78	14	26	29.21	30.42	18	CLR	NC			9.00		32	27	30	82	7	20	28.88	30.07
21	CLR	NC			8.00		15	12	14	88	5	23	29.23	30.45	21	CLR	NC			5.00	BR	30	27	29	88	16	19	28.81	30.00
24	CLR	NC			3.00	BR	8	4	7	83	6	21	29.23	30.46	24	CLR	NC			6.00	BR	29	25	28	85	15	21	28.82	30.00
					SUNRISE: 0715	FEB 02			SUNSET: 1718										SUNRISE: 0708	FEB 08									
03	CLR	NC			0.50	FZFG	4	1	3	88	3	19	29.21	30.44	03	CLR	NC			5.00	BR	25	21	24	85	15	21	28.80	29.98
06	VV	001			0.50	FZFG	10	7	9	87	8	19	29.19	30.41	06	CLR	NC			4.00	BR	23	22	23	96	7	19	28.82	30.01
09	OVC	001			1.25	BR	14	12	13	92	14	19	29.16	30.38	09	CLR	NC			3.00	BR	26	24	25	92	7	21	28.86	30.04
12	FEW	NC			5.00	BR	22	20	21	92	13	19	29.07	30.29	12	CLR	NC			5.00	HZ	37	30	34	76	6	18	28.86	30.05
15	CLR	NC			9.00		31	23	28	72	15	19	29.00	30.22	15	CLR	NC			6.00	HZ	41	31	37	67	9	16	28.81	30.00
18	CLR	NC			10.00		30	24	28	79	17	20	28.94	30.15	18	CLR	NC			5.00	BR	34	30	32	85	7	14	28.83	30.02
21	CLR	NC			10.00		27	22	25	81	17	24	28.92	30.13	21	CLR	NC			4.00	BR	33	30	32	89	9	14	28.82	30.01
24	CLR	NC			7.00		23	18	21	81	12	25	28.93	30.14	24	CLR	NC			4.00	BR	34	30	32	85	17	13	28.80	29.98
					SUNRISE: 0714	FEB 03			SUNSET: 1719										SUNRISE: 0707	FEB 09									
03	CLR	NC			6.00	BR	19	16	18	88	7	28	28.93	30.14	03	CLR	NC			4.00	BR	33	30	32	89	17	13	28.77	29.95
06	CLR	NC			6.00	BR	15	13	14	91	6	26	28.95	30.16	06	CLR	NC			6.00	BR	34	30	32	85	13	14	28.75	29.93
09	CLR	NC			4.00	BR	16	15	16	96	6	19	28.92	30.12	09	CLR	NC			9.00		36	30	34	79	17	14	28.76	29.94
12	FEW	NC			10.00		30	22	27	72	17	25	28.89	30.09	12	CLR	NC			10.00		41	32	37	70	15	14	28.75	29.93
15	CLR	NC			10.00		29	22	27	75	13	28	28.89	30.09	15	CLR	NC			10.00		43	35	40	74	14	14	28.72	29.90
18	CLR	NC			10.00		24	14	21	65	20	30	28.96	30.18	18	OVC	045			10.00		42	35	39	76	10	08	28.73	29.90
21	CLR	NC			10.00		18	9	16	68	18	32	29.04	30.26	21	OVC	040			3.00	-RA BR	38	36	37	93	12	04	28.71	29.88
24	CLR	NC			10.00		15	5	13	64	15	34	29.12	30.33	24	OVC	013			1.00	-RA BR	37	36	37	96	8	03	28.69	29.86
					SUNRISE: 0713	FEB 04			SUNSET: 1721										SUNRISE: 0706	FEB 10									
03	CLR	NC			10.00		10	2	8	69	10	35	29.19	30.40	03	VV	001			0.75	BR	37	37	37	100	7	04	28.69	29.87
06	CLR	NC			10.00		7	0	6	73	7	01	29.25	30.49	06	OVC	003			1.75	-SN BR	32	31	32	96	13	36	28.80	29.98
09	CLR	NC			10.00		9	1	7	70	10	01	29.31	30.55	09	OVC	007			4.00	BR	33	31	32	92	20	36	28.92	30.10
12	CLR	NC			10.00		15	5	13	64	3	19	29.34	30.57	12	OVC	019			10.00		34	27	31	76	17	36	28.99	30.18
15	CLR	NC			10.00		19	7	16	59	8	22	29.30	30.54	15	BKN	027			10.00		34	24	30	67	15	35	29.07	30.26
18	CLR	NC			10.00		13	4	11	67	6	23	29.30	30.54	18	CLR	NC			10.00		31	22	28	69	12	33	29.16	30.35
21	CLR	NC			10.00		7	1	6	76	9	21	29.26	30.51	21	CLR	NC			10.00		28	19	25	69	10	34	29.22	30.42
24	CLR	NC			10.00		5	0	4	79	10	21	29.25	30.50	24	CLR	NC			10.00		24	17	22	75	9	33	29.23	30.43
					SUNRISE: 0712	FEB 05			SUNSET: 1722										SUNRISE: 0705	FEB 11									
03	CLR	NC			10.00		8	3	7	80	12	19	29.21	30.44	03	CLR	NC			10.00		20	16	19	85	3	17	29.20	30.41
06	CLR	NC			10.00		10	4	9	76	9	21	29.18	30.41	06	CLR	NC			10.00		19	16	18	88	6	18	29.15	30.36
09	CLR	NC			9.00		14	8	13	77	7	22	29.18	30.42	09	CLR	NC			10.00		25	18	23	75	17	19	29.06	30.27
12	CLR	NC			9.00		24	15	21	68	12	27	29.17	30.40	12	CLR	NC			10.00		32	21	28	64	21	19	28.95	30.15
15	CLR	NC			7.00		28	19	25	69	9	25	29.09	30.31	15	CLR	NC			10.00		34	22	30	61	28	19	28.75	29.95
18	CLR	NC			7.00		22	17	20	82	9	22	29.09	30.31	18	CLR	NC			10.00		33	24	30	70	18	20	28.69	29.88
21	CLR	NC			5.00	BR	18	15	17	88	5	22	29.06	30.28	21	CLR	NC			10.00		35	25	31	67	16	22	28.62	29.81
24	CLR	NC			2.50	BR	14	12	13	92	8	20	29.03	30.25	24	SCT	NC			10.00		37	28	33	70	17	27	28.65	29.83
					SUNRISE: 0711	FEB 06			SUNSET: 1723										SUNRISE: 0703	FEB 12									
03	CLR	NC			3.00	BR	14	11	13	88	6	21	28.99	30.20	03	OVC	035			10.00		36	27	32	70	22	28	28.67	29.85
06	CLR	NC			4.00	BR	16	13	15	88	6	20	28.97	30.18	06	BKN	034			10.00		34	25	31	70	15	29	28.73	29.91
09	CLR	NC			3.00	BR	18	17	18	96	5	20	28.97	30.18	09	OVC	070			10.00		34	25	31	70	20	28	28.82	30.00
12	CLR	NC			8.00		32	25	2																				

OBSERVATIONS AT 3-HOURLY INTERVALS

DUBUQUE, IA

FEBRUARY 2002

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)	
	SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)		DRY BULB	DEW POINT	WET BULB	SPEED (MPH)		DIRECTION TENS OF DEG	STATION	SEA LEVEL	SKY COVER		CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB		DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG		STATION	SEA LEVEL		
SUNRISE: 0702				FEB 13				SUNSET: 1732				SUNRISE: 0654				FEB 19				SUNSET: 1740											
03	CLR	NC			10.00	17	12	16	80	0	00	29.14	30.34	03	OVC	055			4.00	-RA	BR	40	38	39	93	13	17	28.65	29.82		
06	CLR	NC			10.00	14	11	13	88	3	18	29.15	30.37	06	OVC	012			4.00	BR		41	39	40	93	13	16	28.61	29.78		
09	CLR	NC			10.00	21	17	20	85	7	22	29.17	30.38	09	OVC	026			3.00	BR		42	40	41	92	15	15	28.59	29.75		
12	CLR	NC			10.00	30	17	26	59	14	23	29.15	30.36	12	OVC	007			3.00	-RA	BR	43	42	43	97	16	15	28.56	29.71		
15	CLR	NC			10.00	37	22	32	54	17	22	29.06	30.27	15	OVC	006			3.00	BR		45	43	44	93	9	15	28.49	29.65		
18	CLR	NC			10.00	32	23	29	69	10	19	29.03	30.24	18	OVC	001			2.00	BR		45	45	45	100	9	14	28.46	29.62		
21	CLR	NC			10.00	29	24	27	82	12	19	28.99	30.20	21	VV	001			0.25	FG		45	44	45	97	6	16	28.43	29.59		
24	CLR	NC			10.00	31	21	27	67	14	20	28.95	30.15	24	VV	001			0.25	FG		44	44	44	100	6	19	28.38	29.53		
SUNRISE: 0701				FEB 14				SUNSET: 1734				SUNRISE: 0652				FEB 20				SUNSET: 1741											
03	CLR	NC			10.00	30	20	27	66	14	20	28.92	30.11	03	VV	001			0.25	FG		43	43	43	100	3	24	28.33	29.48		
06	CLR	NC			10.00	30	20	27	66	16	19	28.88	30.06	06	VV	001			0.50	-RA	FG	41	40	41	96	0	00	28.28	29.43		
09	CLR	NC			10.00	36	21	31	55	25	20	28.84	30.03	09	OVC	005			6.00	-RA	BR	39	38	39	96	14	31	28.29	29.44		
12	CLR	NC			10.00	43	23	35	45	28	20	28.78	29.96	12	OVC	007			9.00	UP		36	34	35	93	17	29	28.31	29.47		
15	CLR	NC			10.00	45	24	37	44	29	20	28.69	29.87	15	OVC	009			10.00			35	32	34	89	21	30	28.35	29.51		
18	CLR	NC			10.00	39	25	34	57	16	19	28.70	29.88	18	OVC	017			10.00			33	28	31	82	18	29	28.46	29.62		
21	FEW	NC			10.00	41	24	34	51	20	20	28.65	29.82	21	OVC	038			7.00	-SN		31	27	29	85	15	29	28.52	29.69		
24	BKN	120			10.00	39	25	34	57	13	22	28.62	29.79	24	OVC	015			7.00	-SN		30	26	29	85	13	31	28.57	29.74		
SUNRISE: 0659				FEB 15				SUNSET: 1735				SUNRISE: 0651				FEB 21				SUNSET: 1743											
03	CLR	NC			10.00	34	28	32	79	15	25	28.62	29.80	03	OVC	024			2.00	-SN	BR	30	28	29	92	13	33	28.61	29.79		
06	CLR	NC			10.00	32	28	30	85	17	29	28.66	29.84	06	OVC	029			4.00	-SN	BR	28	25	27	88	13	34	28.70	29.89		
09	BKN	016			10.00	34	27	31	76	15	30	28.75	29.92	09	OVC	016			3.00	BR		28	25	27	88	10	35	28.80	29.99		
12	BKN	025			10.00	38	26	33	62	18	29	28.80	29.97	12	OVC	016			10.00			30	24	28	79	15	35	28.90	30.08		
15	FEW	NC			10.00	40	28	35	63	20	26	28.79	29.97	15	OVC	016			10.00			31	25	29	79	16	35	28.95	30.15		
18	CLR	NC			10.00	37	26	33	65	10	25	28.80	29.98	18	FEW	NC			10.00			29	24	27	82	13	35	29.03	30.23		
21	FEW	NC			10.00	38	27	34	65	16	25	28.76	29.94	21	CLR	NC			10.00			27	20	25	75	9	34	29.06	30.26		
24	FEW	NC			10.00	35	26	32	70	15	23	28.68	29.85	24	CLR	NC			10.00			24	19	22	81	8	35	29.10	30.30		
SUNRISE: 0658				FEB 16				SUNSET: 1736				SUNRISE: 0649				FEB 22				SUNSET: 1744											
03	CLR	NC			10.00	36	26	32	67	13	26	28.63	29.80	03	CLR	NC			10.00			22	18	21	85	9	36	29.09	30.30		
06	CLR	NC			10.00	35	27	32	72	18	27	28.63	29.81	06	CLR	NC			10.00			19	17	18	92	6	01	29.10	30.31		
09	OVC	033			10.00	36	27	32	70	18	31	28.71	29.89	09	CLR	NC			10.00			24	18	22	77	3	03	29.12	30.32		
12	CLR	NC			10.00	42	23	35	47	17	33	28.78	29.95	12	CLR	NC			10.00			32	17	27	54	3	21	29.08	30.29		
15	FEW	NC			10.00	43	22	35	43	23	31	28.81	29.98	15	CLR	NC			10.00			37	21	31	52	7	24	29.02	30.22		
18	CLR	NC			10.00	35	24	31	64	10	31	28.88	30.06	18	CLR	NC			10.00			33	23	29	67	5	17	28.99	30.20		
21	CLR	NC			10.00	34	24	30	67	12	30	28.90	30.09	21	BKN	120			10.00			32	24	29	73	9	16	28.96	30.16		
24	CLR	NC			10.00	33	23	29	67	15	33	28.93	30.11	24	OVC	090			10.00			32	24	29	73	10	16	28.93	30.12		
SUNRISE: 0656				FEB 17				SUNSET: 1738				SUNRISE: 0648				FEB 23				SUNSET: 1745											
03	CLR	NC			10.00	29	22	27	75	10	33	28.97	30.16	03	OVC	110			10.00			32	23	29	69	15	18	28.89	30.07		
06	CLR	NC			10.00	24	18	22	77	7	36	29.03	30.23	06	OVC	090			10.00			33	23	29	67	14	18	28.84	30.02		
09	CLR	NC			10.00	29	18	25	64	8	05	29.08	30.28	09	SCT	NC			10.00			36	23	31	59	15	18	28.82	30.00		
12	CLR	NC			10.00	34	17	28	50	6	18	29.09	30.29	12	CLR	NC			10.00			46	26	38	46	22	19	28.73	29.91		
15	CLR	NC			10.00	39	15	31	38	8	15	29.04	30.23	15	FEW	NC			10.00			53	32	44	45	23	19	28.66	29.83		
18	CLR	NC			10.00	33	19	28	56	9	16	29.01	30.21	18	SCT	NC			10.00			49	33	42	55	16	17	28.66	29.83		
21	CLR	NC			10.00	31	20	27	64	13	16	28.97	30.17	21	CLR	NC			10.00			41	32	37	70	10	18	28.72	29.90		
24	CLR	NC			10.00	31	19	27	61	13	18	28.95	30.15	24	CLR	NC			10.00			39	31	36	73	10	18	28.71	29.88		
SUNRISE: 0655				FEB 18				SUNSET: 1739				SUNRISE: 0646				FEB 24				SUNSET: 1746											
03	CLR	NC			10.00	30	21	27	69	13	16	28.91	30.09	03	CLR	NC			10.00			40	30	36	68	10	18	28.71	29.87		
06	CLR	NC			10.00	29	21	26	72	15	16	28.87	30.06	06	CLR	NC			10.00			39	30	35	70	14	17	28.70	29.87		
09	CLR	NC			10.00	35	24	31	64	17	17	28.85	30.03	09	CLR	NC			10.00			43	32	38	65	17	15	28.66	29.83		
12	CLR	NC			10.00	47	28	39	48	20	17	28.80	29.98	12	CLR	NC			10.00			57	36	47	45	22	16	28.57	29.73		
15	BKN	110			10.00	52	30	42	43																						

OBSERVATIONS AT 3-HOURLY INTERVALS

DUBUQUE, IA

FEBRUARY 2002

DBQ

WBAN # 94908

HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
				OBSERVATION TIME (LST)	EFF CLD AMT Okta		DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
						SUNRISE: 0645	FEB 25			SUNSET: 1748				
03	OVC	007					34	31	33	89	16	34	28.67	29.83
06	OVC	009					32	30	31	92	16	33	28.78	29.95
09	OVC	019					32	27	30	82	14	36	28.85	30.02
12	OVC	019					32	27	30	82	15	33	28.87	30.05
15	OVC	021					30	23	28	75	16	32	28.89	30.08
18	OVC	023					29	21	26	72	16	35	28.91	30.10
21	OVC	034					27	20	25	75	15	32	28.90	30.09
24	OVC	015				2.00 -SN	23	18	21	81	17	33	28.87	30.06
						SUNRISE: 0643	FEB 26			SUNSET: 1749				
03	OVC	043				5.00 -SN	21	15	19	78	15	33	28.84	30.04
06	OVC	060				2.00 -SN BR	19	15	18	85	16	32	28.82	30.01
09	OVC	037				3.00 -SN	17	12	16	80	17	32	28.82	30.02
12	OVC	020				6.00 -SN	19	12	17	74	18	32	28.81	30.01
15	OVC	018				2.00 -SN	20	14	18	78	23	29	28.80	30.00
18	OVC	065				9.00	17	11	15	77	17	30	28.82	30.03
21	OVC	060				5.00 HZ	17	12	16	80	14	30	28.82	30.03
24	OVC	036				9.00	15	10	14	80	13	30	28.81	30.02
						SUNRISE: 0641	FEB 27			SUNSET: 1750				
03	OVC	070				10.00	14	8	13	77	18	31	28.82	30.03
06	CLR	NC				10.00	11	3	9	70	13	30	28.85	30.06
09	CLR	NC				10.00	12	3	10	67	14	31	28.90	30.11
12	CLR	NC				10.00	19	7	16	59	12	30	28.92	30.12
15	CLR	NC				10.00	23	8	19	53	14	29	28.91	30.11
18	CLR	NC				10.00	20	8	17	60	10	27	28.92	30.13
21	CLR	NC				10.00	14	8	13	77	5	21	28.91	30.13
24	CLR	NC				10.00	12	7	11	80	7	19	28.88	30.09
						SUNRISE: 0640	FEB 28			SUNSET: 1751				
03	CLR	NC				10.00	14	7	12	73	9	20	28.82	30.02
06	OVC	065				10.00	17	8	15	68	9	20	28.76	29.97
09	OVC	017				10.00	24	18	22	77	17	26	28.76	29.96
12	OVC	032				8.00	27	18	24	69	20	28	28.80	30.00
15	OVC	040				10.00	30	16	25	56	17	27	28.80	30.00
18	CLR	NC				10.00	27	17	24	66	13	30	28.88	30.08
21	CLR	NC				10.00	23	15	21	72	6	30	28.92	30.13
24	CLR	NC				10.00	20	14	18	78	8	30	28.98	30.19
						SUNRISE:	FEB 29			SUNSET:				
						SUNRISE:	FEB 30			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 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.

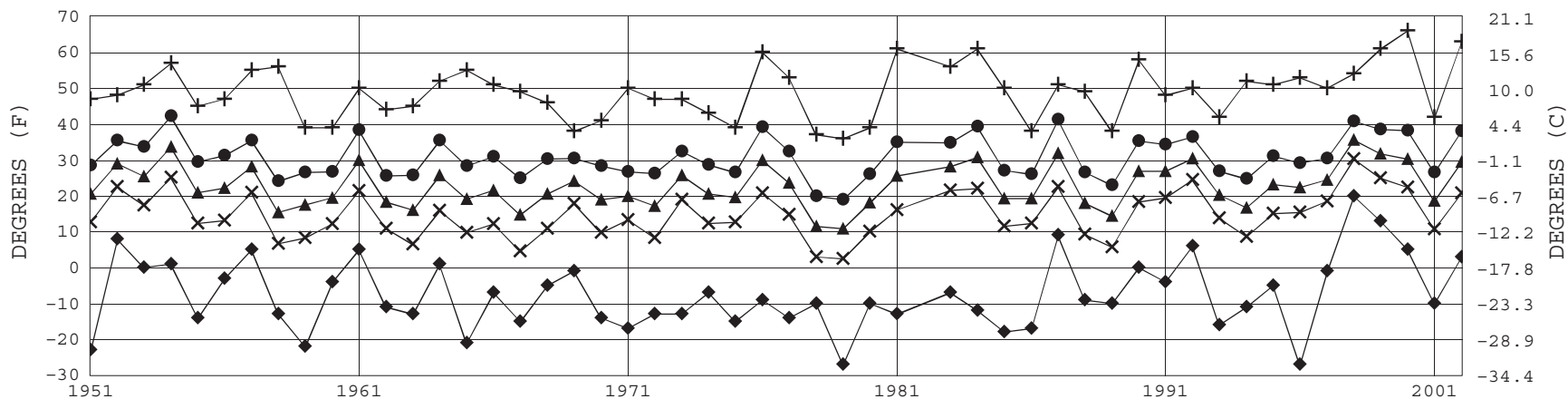
& = Original observation contained additional weather elements.

See page 3 for additional notes.

SUMMARY BY HOUR

HOUR (LST)	AVERAGES										RESULTANT	
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (INCHES, HG)		VISIBILITY (MILES)	WIND SPEED (MPH)	WIND (MPH)	
							STATION	SEA LEVEL			SPEED	DIRECTION
01			27	21	25	80	28.85	30.04	7.62	12	5	26
02			26	21	25	81	28.85	30.04	7.36	11	4	26
03			26	21	24	82	28.85	30.04	6.95	11	4	26
04			26	21	24	82	28.85	30.04	7.09	11	4	26
05			25	20	23	82	28.85	30.04	7.44	11	4	26
06			25	20	23	82	28.86	30.05	7.38	11	4	25
07			24	20	23	83	28.87	30.06	7.22	11	4	25
08			25	20	23	82	28.88	30.08	7.04	12	4	25
09			27	21	25	79	28.89	30.08	7.65	13	4	25
10			30	22	27	73	28.89	30.08	8.27	14	5	25
11			32	23	29	70	28.89	30.08	8.93	15	7	25
12			34	23	30	67	28.88	30.07	9.04	15	7	24
13			35	23	30	65	28.87	30.06	9.14	15	7	24
14			36	24	31	64	28.85	30.04	9.00	15	8	24
15			36	24	32	63	28.85	30.04	9.07	16	9	24
16			36	24	31	64	28.85	30.04	8.96	15	8	24
17			35	23	30	65	28.86	30.05	8.81	15	7	25
18			32	23	29	70	28.87	30.06	9.21	12	5	24
19			31	23	28	73	28.87	30.07	8.86	11	5	24
20			30	23	27	75	28.87	30.07	8.51	12	5	24
21			29	22	27	76	28.87	30.06	8.15	12	5	24
22			29	22	27	77	28.87	30.06	7.83	12	5	25
23			28	22	26	78	28.87	30.06	7.43	11	5	25
24			27	21	25	78	28.87	30.06	7.49	12	4	25

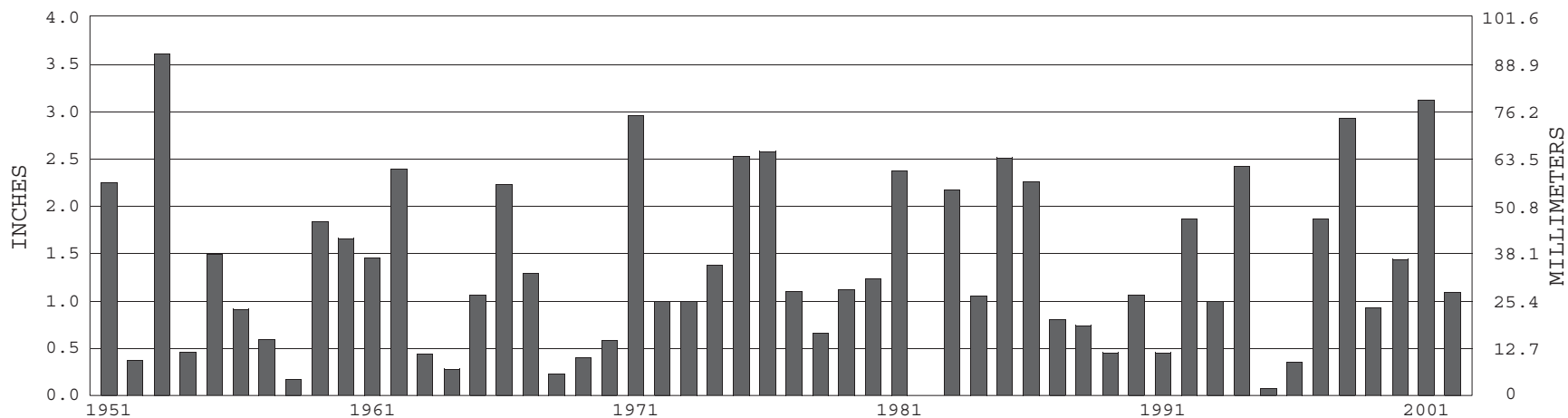
DUBUQUE, IA FEBRUARY TEMPERATURES



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

Long-Term (1951-2002) Mean: 22.4 1961-1990 Normal: 23.1

DUBUQUE, IA FEBRUARY PRECIPITATION



Long-Term (1951-2002) Mean Monthly Total: 1.35

1961-1990 Normal: 1.42



FEBRUARY 2002

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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