



JANUARY 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	19	2	11*	-7	4	9	54	0	SN			T	T	29.16	30.39	3.4	33	4.1	13	34	10	34	01								
02	26	4	15	-3	9	13	50	0				0.0	0.00	29.21	30.44	4.4	35	5.2	13	32	12	32	02								
03	24	2*	13	-4	9	13	52	0				0.0	0.00	29.05	30.27	6.9	22	8.3	23	21	18	21	03								
04	36	16	26	9	18	24	39	0				0.0	0.00	28.78	29.98	13.2	22	13.5	26	23	23	22	04								
05	37	20	29	12	26	29	36	0	BR			0.0	0.00	28.75	29.93	6.4	27	8.0	21	32	17	33	05								
06	31	16	24	7	19	24	41	0	SN BR HZ			T	T	28.83	30.02	12.9	34	13.2	24	01	21	33	06								
07	27	8	18	1	9	16	47	0				0.0	0.00	28.91	30.12	4.9	23	9.9	23	22	18	20	07								
08	46	20	33	16	22	29	32	0				0.0	0.00	28.56	29.74	11.5	21	11.7	18	22	17	22	08								
09	51	37	44	27	33	39	21	0				0.0	0.00	28.55	29.71	9.2	27	10.0	26	26	21	26	09								
10	40	30	35	18	29	33	30	0				0.0	0.00	28.79	29.97	10.6	30	10.8	30	32	23	32	10								
11	46	25	36	20	25	31	29	0				0.0	0.00	28.84	30.02	9.1	24	10.8	24	29	21	24	11								
12	41	23	32	16	24	30	33	0				0.0	0.00	28.64	29.81	11.5	29	13.1	30	27	25	30	12								
13	43	21	32	16	22	29	33	0				0.0	0.00	28.50	29.67	10.7	16	11.1	28	15	23	14	13								
14	35	29	32	16	29	31	33	0	SN BR			T	T	28.47	29.64	6.7	26	11.5	26	29	21	28	14								
15	31	24	28	12	21	25	37	0	SN			T	T	28.93	30.12	11.4	29	11.8	29	28	24	29	15								
16	26	14	20	4	19	22	45	0	SN BR HZ			0.4	0.04	28.88	30.08	4.4	31	8.9	24	30	22	30	16								
17	27	8	18	2	13	17	47	0	SN BR			T	T	28.95	30.16	6.9	28	7.5	21	29	17	26	17								
18	17	7	12	-4	2	10	53	0				0.0	0.00	29.04	30.26	6.2	31	6.9	29	31	22	32	18								
19	29	13	21	4	16	20	44	0	SN BR HZ			T	T	28.77	29.97	10.8	21	11.1	26	23	20	24	19								
20	37	17	27	10	21	24	38	0	BR			0.0	0.00	28.63	29.82	12.2	18	12.7	26	19	22	18	20								
21	42	23	33	16	23	28	32	0	BR			0.0	0.00	28.64	29.82	9.3	23	12.1	26	28	22	28	21								
22	55	26	41	24	22	33	24	0				0.0	0.00	28.65	29.83	14.5	18	14.6	36	17	30	17	22								
23	43	26	35	18	27	31	30	0				0.0	0.00	28.67	29.84	6.3	35	10.4	22	02	18	01	23								
24	40	23	32	15	19	26	33	0	BR			0.0	0.00	28.84	30.03	7.8	26	10.6	24	24	20	24	24								
25	56	19	38	21	15	30	27	0				0.0	0.00	28.80	29.99	15.7	22	16.1	38*	23	32*	23	25								
26	57	31	44	27	20	34	21	0				0.0	0.00	28.73	29.90	12.4	20	12.6	22	21	18	20	26								
27	60*	29	45*	27	26	36	20	0				0.0	0.00	28.68	29.85	12.0	20	12.1	25	20	22	20	27								
28	41	30	36	18	30	33	29	0	BR HZ			0.0	0.00	28.72	29.89	13.1	03	13.6	23	02	20	04	28								
29	30	24	27	9	24	26	38	0	BR HZ			0.0	0.00	28.85	30.04	10.7	04	10.9	21	05	17	05	29								
30	28	25	27	9	23	25	38	0	SN BR HZ			1.0	0.07	29.05	30.25	9.2	04	9.4	17	03	15	03	30								
31	30	23	27	9	26	27	38	0	RA FZRA SN BR			3.4	0.26	28.79	29.99	13.5	03	14.1	25	04	22	04	31								
										< MONTHLY AVERAGES		TOTALS->			4.8	0.37	28.80	29.99	3.9	25	10.9	<- MONTHLY AVERAGES									
										12.3		10.6		11.5				<-----DEPARTURE FROM NORMAL----->								- .91		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3			
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 0.26			DATE :31			SEA LEVEL PRESSURE		DATE		TIME												
MONTHLY TOTAL DEPARTURE									SEASON TO DATE TOTAL DEPARTURE			GREATEST 24-HR SNOWFALL: 3.4			DATE :31			MAXIMUM		: 30.51		02 0255									
																		MINIMUM		: 29.50		14 0555									
HEATING: 1124 -398									3455 -886			NUMBER OF DAYS WITH ➔			MAXIMUM TEMP ≥ 90: 0			MINIMUM TEMP ≤ 32 :30			PRECIPITATION ≥ 0.01 INCH : 3										
COOLING: 0 0									0 0						MAXIMUM TEMP ≤ 32 :13			MINIMUM TEMP ≤ 0 : 0			PRECIPITATION ≥ 0.10 INCH : 1										
															THUNDERSTORMS : 0			HEAVY FOG			SNOWFALL ≥ 1.0 INCH : 2										

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

DUBUQUE, IA

JANUARY 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	01												01			T		
02													02												02			0.00		
03													03												03			0.00		
04													04												04			0.00		
05													05												05			0.00		
06													06	T	T										06			T		
07													07												07			0.00		
08													08												08			0.00		
09													09												09			0.00		
10													10												10			0.00		
11													11												11			0.00		
12													12												12			0.00		
13													13												13			0.00		
14											T	T	14										T	T	14			T		
15				T	T								15												15			T		
16													16					T							16	0.01		0.04		
17											T	T	17												17			T		
18													18												18			0.00		
19													19												19			T		
20													20												20			0.00		
21													21												21			0.00		
22													22												22			0.00		
23													23												23			0.00		
24													24												24			0.00		
25													25												25			0.00		
26													26												26			0.00		
27													27												27			0.00		
28													28												28			0.00		
29													29												29			0.00		
30													30												30	0.04		0.07		
31	0.01	T	0.02	T	T	T	T	0.01	T	T	T		31						0.01	T	0.02	T	0.03	0.02	0.01	0.01	0.01	T	0.12	0.26

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	.03	.04	.04	.05	.05	.06	.06
Ending Date	31	31	31	31	31	31	31	31	31	31	31	31
Ending Time (Hour/Min)	2100	1937	1937	1953	1953	2018	2018	2018	2100	2100	2100	2100

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
JANUARY 2002**

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).

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							6.00	10.00	
02							7.00	10.00	
03							9.00	10.00	
04							9.00	10.00	
05							4.00	10.00	
06							2.00	10.00	
07							10.00	10.00	
08							10.00	10.00	
09							10.00	10.00	
10							10.00	10.00	
11							9.00	10.00	
12							8.00	10.00	
13							10.00	10.00	
14							2.00	10.00	
15							7.00	10.00	
16							.75	10.00	
17							3.00	10.00	
18							10.00	10.00	
19							2.50	10.00	
20							3.00	10.00	
21							4.00	10.00	
22							10.00	10.00	
23							7.00	10.00	
24							5.00	10.00	
25							10.00	10.00	
26							10.00	10.00	
27							10.00	10.00	
28							1.00	10.00	
29							2.00	10.00	
30							1.00	9.00	
31							.75	9.00	
MONTHLY AVGS							6.38	9.94	

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

0 9 17

OBSERVATIONS AT 3-HOURLY INTERVALS

DUBUQUE, IA

JANUARY 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		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: 0732		JAN 01	SUNSET: 1641										SUNRISE: 0732		JAN 07	SUNSET: 1647									
03	CLR	NC			10.00	5	-1	4	76	6	28	29.06	30.29	03	OVC	021			10.00	14	8	13	77	7	34	29.01	30.22	
06	OVC	110			10.00	5	0	4	79	0	00	29.08	30.32	06	CLR	NC			10.00	10	4	9	76	7	33	28.98	30.19	
09	OVC	060			10.00	9	2	8	73	7	35	29.15	30.39	09	CLR	NC			10.00	14	8	13	77	7	32	29.02	30.24	
12	OVC	070			7.00	14	7	12	73	5	VR	29.15	30.38	12	CLR	NC			10.00	22	10	19	60	12	25	28.96	30.18	
15	SCT	NC			10.00	18	7	15	62	3	30	29.19	30.41	15	CLR	NC			10.00	27	9	22	47	13	22	28.87	30.07	
18	FEW	NC			10.00	11	4	9	73	0	00	29.22	30.46	18	CLR	NC			10.00	21	10	18	62	12	18	28.83	30.04	
21	OVC	120			10.00	13	9	12	84	5	01	29.24	30.48	21	CLR	NC			10.00	23	13	20	65	14	21	28.79	29.99	
24	OVC	120			9.00	8	5	7	87	0	00	29.24	30.48	24	CLR	NC			10.00	22	14	20	71	12	19	28.72	29.92	
			SUNRISE: 0732		JAN 02	SUNSET: 1642										SUNRISE: 0732		JAN 08	SUNSET: 1648									
03	CLR	NC			8.00	4	1	3	88	0	00	29.26	30.51	03	CLR	NC			10.00	23	15	21	72	12	20	28.68	29.88	
06	CLR	NC			9.00	8	5	7	87	5	01	29.25	30.49	06	CLR	NC			10.00	21	16	20	81	12	20	28.61	29.80	
09	CLR	NC			9.00	12	9	11	87	5	01	29.26	30.50	09	CLR	NC			10.00	26	18	23	71	10	21	28.61	29.79	
12	CLR	NC			10.00	21	14	19	74	6	04	29.23	30.45	12	CLR	NC			10.00	39	22	33	50	14	22	28.56	29.73	
15	FEW	NC			10.00	24	14	21	65	5	31	29.18	30.41	15	CLR	NC			10.00	45	27	38	49	13	23	28.52	29.69	
18	BKN	028			10.00	20	13	18	74	8	33	29.18	30.40	18	CLR	NC			10.00	42	28	36	58	13	20	28.50	29.67	
21	CLR	NC			10.00	13	7	12	77			29.15	30.38	21	CLR	NC			10.00	39	29	35	67	12	21	28.48	29.65	
24	CLR	NC			10.00	11	6	10	81	6	32	29.11	30.33	24	CLR	NC			10.00	38	31	35	76	8	22	28.47	29.63	
			SUNRISE: 0732		JAN 03	SUNSET: 1643										SUNRISE: 0731		JAN 09	SUNSET: 1649									
03	CLR	NC			10.00	10	5	9	80	8	34	29.11	30.33	03	CLR	NC			10.00	39	32	36	76	15	24	28.44	29.60	
06	CLR	NC			10.00	6	2	5	83	0	00	29.11	30.34	06	CLR	NC			10.00	42	31	37	65	10	29	28.45	29.61	
09	CLR	NC			9.00	7	4	6	87	3	22	29.13	30.36	09	CLR	NC			10.00	44	32	39	63	10	29	28.50	29.66	
12	SCT	NC			10.00	21	14	19	74	16	23	29.07	30.29	12	CLR	NC			10.00	50	35	43	57	8	27	28.53	29.68	
15	CLR	NC			10.00	24	14	21	65	10	22	29.04	30.25	15	CLR	NC			10.00	46	36	41	68	7	24	28.56	29.72	
18	CLR	NC			10.00	16	11	15	80	7	19	29.00	30.23	18	CLR	NC			10.00	42	35	39	76	7	28	28.61	29.77	
21	CLR	NC			10.00	18	13	17	81	13	19	28.94	30.16	21	CLR	NC			10.00	40	34	37	79	9	26	28.66	29.83	
24	CLR	NC			10.00	19	11	17	71	16	21	28.92	30.13	24	CLR	NC			10.00	38	32	35	79	9	29	28.70	29.87	
			SUNRISE: 0732		JAN 04	SUNSET: 1644										SUNRISE: 0731		JAN 10	SUNSET: 1650									
03	CLR	NC			10.00	17	11	15	77	14	21	28.87	30.07	03	CLR	NC			10.00	33	30	32	89	8	27	28.70	29.88	
06	CLR	NC			10.00	19	11	17	71	14	20	28.80	30.01	06	CLR	NC			10.00	33	30	32	89	8	30	28.73	29.90	
09	CLR	NC			10.00	21	14	19	74	17	21	28.80	30.01	09	CLR	NC			10.00	33	30	32	89	7	30	28.78	29.96	
12	CLR	NC			10.00	31	19	27	61	17	22	28.76	29.96	12	CLR	NC			10.00	37	30	34	76	14	29	28.80	29.97	
15	CLR	NC			10.00	35	21	30	57	15	22	28.73	29.93	15	OVC	027			10.00	38	28	34	68	18	31	28.81	29.98	
18	BKN	120			10.00	34	23	30	64	14	22	28.74	29.93	18	OVC	035			10.00	36	28	33	73	12	31	28.83	30.01	
21	CLR	NC			10.00	32	24	29	73	9	23	28.75	29.94	21	OVC	028			10.00	35	26	32	70	10	30	28.87	30.05	
24	SCT	NC			9.00	30	23	28	75	7	23	28.73	29.91	24	OVC	022			10.00	34	26	31	73	10	30	28.90	30.08	
			SUNRISE: 0732		JAN 05	SUNSET: 1645										SUNRISE: 0731		JAN 11	SUNSET: 1651									
03	SCT	NC			7.00	26	21	24	81	8	23	28.75	29.94	03	BKN	022			10.00	30	23	28	75	12	30	28.91	30.09	
06	FEW	NC			5.00	24	22	23	91	6	26	28.75	29.93	06	OVC	014			10.00	30	25	28	82	9	27	28.91	30.10	
09	OVC	080			4.00	27	25	26	92	7	22	28.77	29.96	09	CLR	NC			9.00	30	25	28	82	9	25	28.92	30.10	
12	BKN	100			9.00	36	26	32	67	8	25	28.75	29.93	12	CLR	NC			10.00	40	28	35	63	13	23	28.89	30.06	
15	SCT	NC			8.00	37	30	34	76	9	26	28.72	29.90	15	CLR	NC			10.00	46	27	38	47	17	24	28.81	29.99	
18	CLR	NC			8.00	34	30	32	85	10	27	28.76	29.95	18	CLR	NC			10.00	33	24	30	70	8	19	28.80	29.98	
21	CLR	NC			10.00	32	28	30	85	12	30	28.74	29.93	21	CLR	NC			10.00	33	24	30	70	9	21	28.73	29.92	
24	OVC	011			8.00	30	26	29	85	13	35	28.73	29.91	24	CLR	NC			10.00	32	24	29	73	6	22	28.71	29.88	
			SUNRISE: 0732		JAN 06	SUNSET: 1646										SUNRISE: 0731		JAN 12	SUNSET: 1652									
03	BKN	013			7.00	28	23	26	81	7	01	28.75	29.93	03	OVC	110			10.00	31	23	28	72	3	21	28.66	29.83	
06	OVC	065			8.00	28	24	27	85	12	33	28.73	29.92	06	OVC	110			10.00	33	27	31	78	12	29	28.62	29.81	
09	OVC	048			8.00	29	26	28	89	14	34	28.76	29.95	09	OVC	013			9.00	34	29	32	82	20	33	28.65	29.83	
12	OVC	030			10.00	28	21	26	75	20	33	28.79	29.98	12	CLR	NC			10.00	40	25	34	55	17	30	28.62	29.80	
15	OVC	032			10.00	28	19	25	69	17	33	28.83	30.02	15	CLR	NC			10.00	40	21	33	47	22	29	28.60	29.77	
18	OVC	030			10.00	24	17	22	75	14	34	28.2																

OBSERVATIONS AT 3-HOURLY INTERVALS

DUBUQUE, IA

JANUARY 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: 0730 JAN 13 SUNSET: 1653						SUNRISE: 0727 JAN 19 SUNSET: 1700																							
03	CLR	NC			10.00	23	19	22	85	3	17	28.60	29.78	03	OVC	070			10.00	14	7	12	73	7	20	28.88	30.09		
06	CLR	NC			10.00	26	20	24	78	7	15	28.57	29.75	06	OVC	095			10.00	15	8	13	74	7	19	28.83	30.04		
09	OVC	100			10.00	28	21	26	75	8	17	28.57	29.75	09	OVC	070			8.00	16	12	15	84	13	20	28.80	30.01		
12	CLR	NC			10.00	37	22	31	54	16	15	28.48	29.65	12	OVC	009			6.00	BR	24	21	23	88	12	20	28.74	29.94	
15	CLR	NC			10.00	42	23	35	47	16	16	28.41	29.58	15	OVC	016			6.00	HZ	29	24	27	82	18	24	28.70	29.90	
18	BKN	060			10.00	39	25	34	57	12	16	28.43	29.60	18	FEW	NC			7.00		25	22	24	88	12	20	28.69	29.90	
21	SCT	NC			10.00	37	24	32	60	14	15	28.42	29.59	21	CLR	NC			7.00		25	22	24	88	13	21	28.69	29.89	
24	OVC	095			10.00	34	26	31	73	12	14	28.40	29.56	24	CLR	NC			8.00		22	18	21	85	8	21	28.73	29.92	
SUNRISE: 0730 JAN 14 SUNSET: 1654						SUNRISE: 0727 JAN 20 SUNSET: 1701																							
03	OVC	095			10.00	35	27	32	72	12	14	28.36	29.52	03	CLR	NC			7.00		19	16	18	88	8	19	28.74	29.93	
06	OVC	110			10.00	33	27	31	78	6	16	28.34	29.50	06	CLR	NC			5.00	BR	19	16	18	88	13	20	28.71	29.91	
09	OVC	006			10.00	33	30	32	89	8	25	28.37	29.53	09	CLR	NC			3.00	BR	22	21	22	96	16	20	28.70	29.90	
12	OVC	009			4.00	BR	34	31	33	89	12	26	28.41	29.58	12	CLR	NC			8.00	30	22	27	72	14	20	28.68	29.87	
15	OVC	007			2.50	BR	34	32	33	92	12	27	28.46	29.63	15	CLR	NC			10.00	36	22	31	57	18	17	28.58	29.75	
18	OVC	007			5.00	BR	33	31	32	92	17	29	28.58	29.75	18	CLR	NC			10.00	29	22	26	75	10	15	28.54	29.72	
21	OVC	011			7.00		30	25	28	82	17	29	28.65	29.83	21	OVC	021			8.00	29	25	28	85	20	18	28.52	29.70	
24	OVC	017			10.00	29	24	27	82	13	27	28.70	29.88	24	OVC	012			7.00		29	25	28	85	10	17	28.47	29.65	
SUNRISE: 0729 JAN 15 SUNSET: 1655						SUNRISE: 0726 JAN 21 SUNSET: 1703																							
03	OVC	014			10.00	29	25	28	85	18	27	28.76	29.95	03	OVC	008			6.00	BR	29	26	28	89	14	22	28.45	29.62	
06	OVC	019			9.00	28	24	27	85	15	28	28.82	30.01	06	CLR	NC			9.00		25	20	23	81	14	29	28.51	29.68	
09	OVC	031			9.00	28	24	27	85	12	28	28.91	30.10	09	CLR	NC			8.00		27	22	25	81	14	27	28.63	29.81	
12	OVC	022			10.00	30	21	27	69	13	31	28.96	30.16	12	CLR	NC			10.00		35	23	31	61	14	27	28.70	29.88	
15	OVC	024			10.00	29	19	26	66	14	28	28.99	30.19	15	CLR	NC			10.00		41	23	34	49	13	21	28.68	29.86	
18	OVC	022			10.00	26	18	23	71	8	29	29.02	30.22	18	CLR	NC			10.00		33	25	30	72	9	19	28.74	29.92	
21	OVC	024			10.00	25	17	22	72	5	31	28.99	30.20	21	CLR	NC			10.00		31	23	28	72	9	19	28.75	29.94	
24	OVC	024			10.00	24	16	22	71	6	28	29.04	30.24	24	CLR	NC			10.00		29	18	25	64	10	19	28.78	29.96	
SUNRISE: 0729 JAN 16 SUNSET: 1657						SUNRISE: 0725 JAN 22 SUNSET: 1704																							
03	OVC	090			10.00	25	18	23	75	0	00	29.01	30.21	03	CLR	NC			10.00		28	19	25	69	10	18	28.79	29.97	
06	OVC	090			10.00	24	18	22	77	7	15	28.94	30.15	06	CLR	NC			10.00		30	21	27	69	12	18	28.78	29.97	
09	OVC	012			1.00	-SN	25	21	24	85	9	15	28.90	30.09	09	CLR	NC			10.00		34	23	30	64	13	18	28.77	29.95
12	OVC	004			3.00	BR	25	23	24	92	9	01	28.81	30.01	12	CLR	NC			10.00		48	25	39	41	16	17	28.68	29.85
15	OVC	006			2.50	BR	26	23	25	88	14	32	28.77	29.96	15	CLR	NC			10.00		55	20	41	25	20	17	28.54	29.70
18	OVC	018			10.00	24	17	22	75	21	30	28.83	30.02	18	CLR	NC			10.00		47	20	37	34	20	17	28.51	29.67	
21	CLR	NC			10.00	18	14	17	84	16	28	28.88	30.08	21	CLR	NC			10.00		39	24	33	55	12	18	28.54	29.70	
24	OVC	028			9.00	17	13	16	84	9	28	28.89	30.09	24	CLR	NC			10.00		34	26	31	73	8	19	28.53	29.69	
SUNRISE: 0728 JAN 17 SUNSET: 1658						SUNRISE: 0724 JAN 23 SUNSET: 1705																							
03	CLR	NC			7.00	10	8	10	92	5	23	28.91	30.12	03	CLR	NC			10.00		32	27	30	82	8	18	28.53	29.69	
06	BKN	044			9.00	11	8	10	88	0	00	28.92	30.13	06	CLR	NC			7.00		28	25	27	88	6	23	28.55	29.71	
09	OVC	028			3.00	-SN	17	14	16	88	3	23	28.97	30.18	09	CLR	NC			10.00		33	27	31	78	14	01	28.62	29.79
12	OVC	017			10.00	24	17	22	75	10	27	28.98	30.19	12	CLR	NC			9.00		41	28	36	60	13	02	28.65	29.83	
15	SCT	NC			10.00	26	17	23	69	13	29	28.94	30.16	15	CLR	NC			8.00		41	28	36	60	14	33	28.69	29.87	
18	OVC	065			10.00	23	15	21	72	8	28	28.96	30.18	18	OVC	021			8.00		34	27	31	76	8	36	28.77	29.96	
21	OVC	055			10.00	21	14	19	74	7	28	28.97	30.18	21	OVC	021			9.00		33	25	30	72	8	36	28.80	29.98	
24	FEW	NC			10.00	17	11	15	77	8	30	28.99	30.20	24	OVC	021			10.00		31	24	28	76	13	33	28.81	29.99	
SUNRISE: 0728 JAN 18 SUNSET: 1659						SUNRISE: 0724 JAN 24 SUNSET: 1706																							
03	CLR	NC			10.00	14	6	12	71	17	32	29.03	30.25	03	OVC	017			8.00		29	22	27	75	10	36	28.80	29.98	
06	CLR	NC			10.00	10	1	8	67	14	32	29.05	30.27	06	OVC	015			7.00		26	20	24	78	10	29	28.86	30.04	
09	CLR	NC			10.00	9	-1	7	64	8	31	29.11	30.33	09	BKN	011			5.00	BR	23	19	22	85	10	28	28.91	30.10	
12	CLR	NC			10.00	14	0	11	53	5	26	29.11	30.33	12	CLR	NC			10.00		32	19	28	59	9	27	28.86	30.05	
15	CLR	NC			10.00	17	0	13	47	7	25	29.04	30.26	15	CLR	NC			10.00		40	18	32	41	14	25	28.81	29.99	
18	CLR	NC			10.00	11	2	9	67	0	00	29.01	30.24	18	CLR	NC			10.00		30	18	26	61	9	21	28.83	30.02	
21	CLR	NC			10.00	9	3	8	77	0	00	28.98	30.22	21	CLR	NC			10.00		26	17	23	69	8	23	28.84	30.03	
24	BKN	070			10.00	13	5	11	70	0	00	28.95	30.17	24	CLR	NC			10.00		25	14	22	63	12	25	28.87	30.06	

DUBUQUE, IA

JANUARY 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 OFF	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 OFF	Observation Time (LST)	EFF CLD AMT Oktas		Visibility (Miles)	Dry Bulb		Dew Point	Wet Bulb	Speed (MPH)	Direction Tens of DEG	Station	Sea Level
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 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			25	19	23	77	28.80	29.99	8.90	9	2	24																			
02			25	19	23	78	28.80	29.99	8.88	9	3	25																			
03			24	18	22	79	28.80	29.99	8.67	9	3	25																			
04			24	18	22	79	28.80	29.99	8.58	10	4	25																			
05			24	18	22	80	28.79	29.98	8.37	9	3	25																			
06			24	18	22	80	28.79	29.99	8.61	10	3	27																			
07			23	18	22	82	28.80	30.00	8.68	9	3	26																			
08			24	18	22	81	28.81	30.01	8.19	10	3	26																			
09			26	20	24	79	28.82	30.01	7.83	11	3	26																			
10			28	21	26	74	28.83	30.02	8.29	12	3	26																			
11			31	21	28	69	28.82	30.01	8.39	13	4	26																			
12			33	21	29	65	28.80	29.99	8.77	13	5	25																			
13			35	21	30	62	28.78	29.97	8.48	14	6	26																			
14			36	21	30	60	28.76	29.95	8.55	14	6	24																			
15			36	22	31	60	28.77	29.96	8.48	14	7	25																			
16			35	22	30	62	28.78	29.96	8.44	12	5	24																			
17			32	21	28	67	28.78	29.97	8.47	11	4	25																			
18			31	21	27	70	28.79	29.98	8.92	11	3	24																			
19			30	21	27	72	28.79	29.99	8.89	11	3	24																			
20			29	21	26	73	28.79	29.99	8.71	11	4	24																			
21			29	21	26	74	28.79	29.98	8.64	11	4	24																			
22			28	20	25	75	28.79	29.98	8.59	10	4	26																			
23			27	20	25	76	28.79	29.98	8.75	11	4	26																			
24			27	20	24	76	28.79	29.98	8.70	9	4	25																			

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.

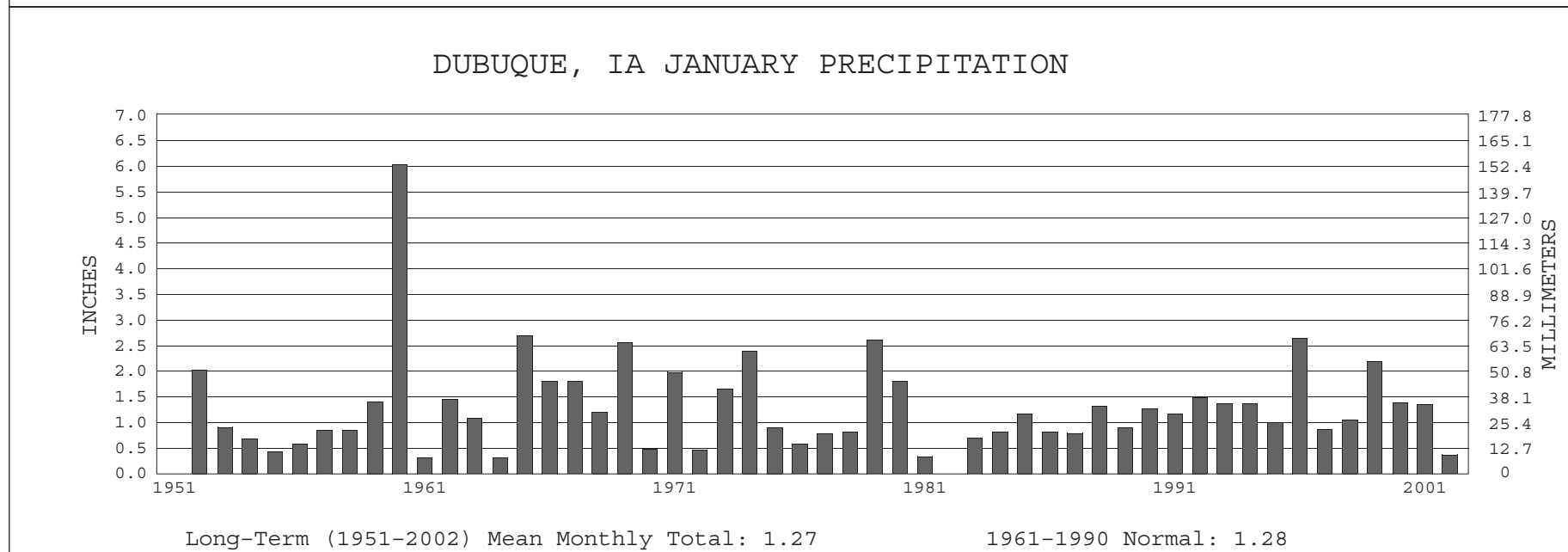
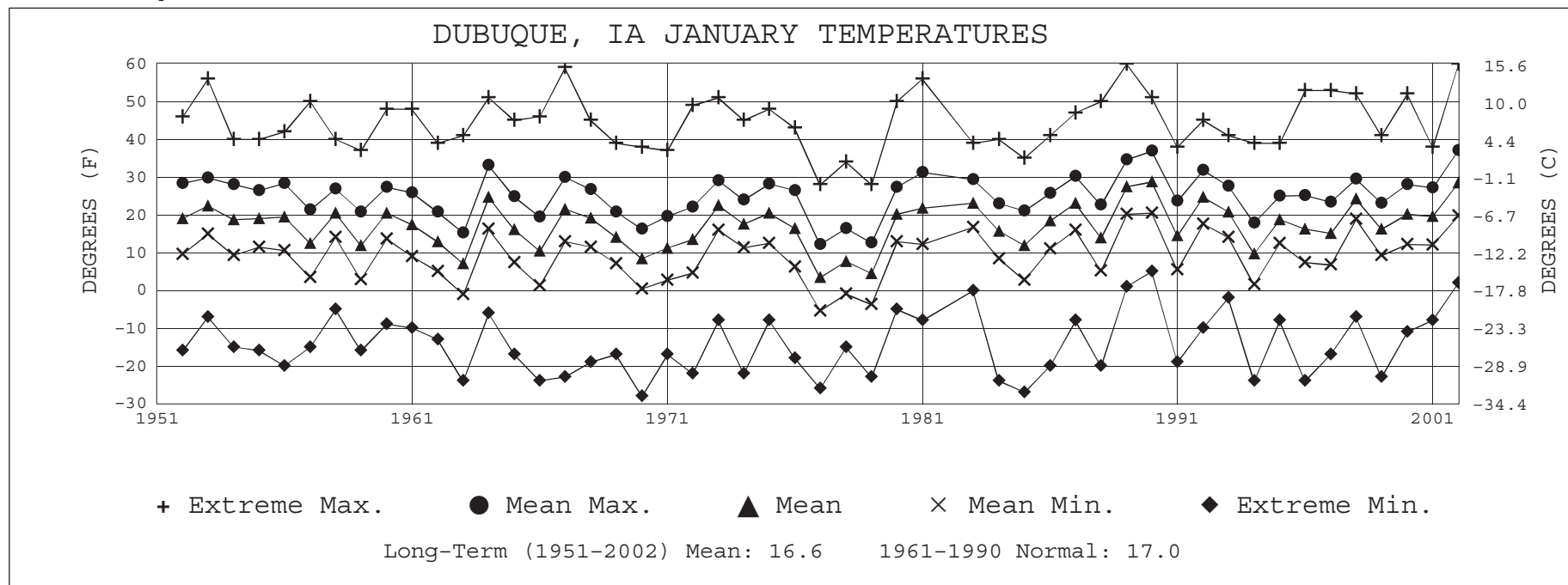
NC= No ceiling detected.

& = 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			25	19	23	77	28.80	29.99	8.90	9	2	24
02			25	19	23	78	28.80	29.99	8.88	9	3	25
03			24	18	22	79	28.80	29.99	8.67	9	3	25
04			24	18	22	79	28.80	29.99	8.58	10	4	25
05			24	18	22	80	28.79	29.98	8.37	9	3	25
06			24	18	22	80	28.79	29.99	8.61	10	3	27
07			23	18	22	82	28.80	30.00	8.68	9	3	26
08			24	18	22	81	28.81	30.01	8.19	10	3	26
09			26	20	24	79	28.82	30.01	7.83	11	3	26
10			28	21	26	74	28.83	30.02	8.29	12	3	26
11			31	21	28	69	28.82	30.01	8.39	13	4	26
12			33	21	29	65	28.80	29.99	8.77	13	5	25
13			35	21	30	62	28.78	29.97	8.48	14	6	26
14			36	21	30	60	28.76	29.95	8.55	14	6	24
15			36	22	31	60	28.77	29.96	8.48	14	7	25
16			35	22	30	62	28.78	29.96	8.44	12	5	24
17			32	21	28	67	28.78	29.97	8.47	11	4	25
18			31	21	27	70	28.79	29.98	8.92	11	3	24
19			30	21	27	72	28.79	29.99	8.89	11	3	24
20			29	21	26	73	28.79	29.99	8.71	11	4	24
21			29	21	26	74	28.79	29.98	8.64	11	4	24
22			28	20	25	75	28.79	29.98	8.59	10	4	26
23			27	20	25	76	28.79	29.98	8.75	11	4	26
24			27	20	24	76	28.79	29.98	8.70	9	4	25





JANUARY 2002

DUBUQUE, IA

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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