



# SEPTEMBER 1999

## LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

# HARTFORD, CT

BRADLEY INTERNATIONAL AIRPORT (BDL)  
 Lat: 41°56' N Long: 72°40' W Elev (Ground): 169 Feet  
 Time Zone: EASTERN WBAN: 14740 ISSN #:0198-1161

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		0700 LST	1300 LST	2400 LST	2400 LST	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM																														
																			5-SEC		2-MIN																												
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	85	51	68	0	51	58	0	3					0.00	29.98	30.17	2.2	36	4.8	14	18	13	19	01																										
02	87	53	70	2	55	61	0	5					0.00	29.89	30.08	0.2	24	3.9	11	18	9	17	02																										
03	90*	53	72	5	56	62	0	7					0.00	29.86	30.05	1.6	18	3.5	15	18	13	18	03																										
04	88	58	73	6	61	65	0	8					0.00	29.95	30.14	3.4	16	4.5	20	17	17	18	04																										
05	85	65	75	8	66	69	0	10					0.00	29.98	30.17	5.4	11	7.3	20	16	17	16	05																										
06	83	71	77	10	72	73	0	12	RA BR HZ				0.44	29.84	30.03	6.0	15	7.6	22	17	18	16	06																										
07	85	71	78	12	71	72	0	13	RA BR				0.52	29.71	29.90	9.5	17	9.9	28	16	23	16	07																										
08	83	72	78*	12	70	72	0	13	RA BR				0.02	29.64	29.83	8.7	18	8.8	18	18	16	21	08																										
09	84	70	77	11	70	72	0	12	RA BR HZ				T	29.67	29.85	8.0	18	8.5	21	18	16	17	09																										
10	73	66	70	5	69	69	0	5	RA BR				2.78	29.59	29.78	1.0	15	4.3	16	12	14	12	10																										
11	79	59	69	4	55	60	0	4	BR				0.00	29.74	29.92	4.7	32	5.8	18	31	15	31	11																										
12	77	51	64	-1			1	0					0.00	29.99		1.2	32	2.6	13	32	9	02	12																										
13	79	51	65	1	55	59	0	0	BR				0.00	30.00		3.8	17	5.3	18	16	15	17	13																										
14	75	59	67	3	63	65	0	2	RA BR				T	29.93	30.12	3.4	12	5.1	16	13	14	13	14																										
15	69	64	67	4	65	66	0	2	RA BR				0.34	29.89	30.09	1.0	07	1.2	7	02	6	02	15																										
16	65	58	62	-1	61	61	3	0	RA BR				5.72	29.44	29.63	14.8	02	15.1	43	02	38*	02	16																										
17	66	56	61	-2	48	54	4	0	RA BR				0.03	29.46	29.65	19.0	31	19.4	46*	31	36	31	17																										
18	74	49	62	-1	47	53	3	0					0.00	29.84	30.03	5.2	32	6.6	18	32	15	36	18																										
19	74	45	60	-2	50	54	5	0					0.00	29.95	30.14	2.0	19	5.1	14	18	11	18	19																										
20	75	49	62	0	55	58	3	0					0.00	29.82	30.01	7.4	18	7.7	18	21	16	18	20																										
21	64	55	60	-2	59	60	5	0	RA BR				0.55	29.65	29.84	3.5	36	5.8	20	36	15	01	21																										
22	55	50	53*	-8	50	51	12	0	RA BR				0.04	29.51	29.71	8.7	34	8.9	21	32	17	33	22																										
23	73	47	60	-1	46	53	5	0					0.00	29.58	29.77	4.0	28	8.9	25	29	20	31	23																										
24	77	51	64	4	56	59	1	0	BR				0.00	29.67	29.86	9.8	19	10.0	23	18	18	18	24																										
25	74	48	61	1	53	57	4	0	TS RA BR				0.04	29.78	29.98	3.5	31	6.3	20	33	16	30	25																										
26	70	42*	56	-4	48	52	9	0					0.00	30.09	30.29	0.2	03	4.3	11	20	10	18	26																										
27	74	46	60	1	55	57	5	0	FG+ BR				0.00	30.14	30.34	3.4	19	5.0	14	20	11	16	27																										
28	77	57	67	8	62	63	0	2	BR				0.00	30.09	30.28	5.8	18	6.0	16	18	14	18	28																										
29	74	61	68	10	63	65	0	3	BR				0.00	29.88	30.08	9.1	17	9.2	21	17	17	17	29																										
30	69	47	58	0	54	57	7	0	RA BR				0.74	29.54	29.73	5.2	25	12.5	32	17	25	16	30																										
										76.1		55.8		66.0		■ ■		2.2		3.4		< MONTHLY AVERAGES				TOTALS-->		11.22		29.80		1.2		21		7.1		<-- MONTHLY AVERAGES											
										1.3		4.0		2.7		■ ■		<----- DEPARTURE FROM NORMAL ----->										7.43		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3																			
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 5.72 DATE: 16										SEA LEVEL PRESSURE DATE TIME																													
MONTHLY TOTAL DEPARTURE										GREATEST 24-HR SNOWFALL: DATE:										MAXIMUM : 30.39 27 0851																													
SEASON TO DATE TOTAL DEPARTURE										GREATEST SNOW DEPTH: DATE:										MINIMUM : 29.13 16 2251																													
HEATING: 67 -29 78 -24										NUMBER OF DAYS WITH →										MAXIMUM TEMP ≥ 90: 1										MINIMUM TEMP ≤ 32: 0										PRECIPITATION ≥ 0.01 INCH : 11									
COOLING: 101 56 890 213																				MAXIMUM TEMP ≤ 32 : 0										MINIMUM TEMP ≤ 0 : 0										PRECIPITATION ≥ 0.10 INCH : 7									
																				THUNDERSTORMS : 1										HEAVY FOG : 1										SNOWFALL ≥ 1.0 INCH :									

SEPTEMBER 1999  
 HARTFORD, CT

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

# HARTFORD, CT

SEPTEMBER 1999 BDL WBAN # 14740

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												04		0.00		
05													05												05		0.00		
06						T	0.09	0.08			0.01	T	T	06	0.05	0.19	T	0.01	0.01					06		0.44			
07					T	0.02	0.01						07			0.12	0.37	T			T			07		0.52			
08										0.01	0.01	T	08											08		0.02			
09	T												09											09		T			
10	T		0.01	0.10	0.90	0.39	0.10	0.01	0.18	0.03	0.40	0.32	10	0.15	0.09	0.08	0.01	T					0.01	10		2.78			
11													11											11		0.00			
12													12											12		0.00			
13													13											13		0.00			
14													14											14		0.00			
15											T		15		0.06	0.01	0.01	0.03	0.03	0.04	0.06	0.07	0.05	T	0.02	0.03	0.41	0.34	
16	0.01	0.03	0.02	0.05	0.03	0.04	0.03	0.06	0.19	0.28	0.17	0.23	16	0.39	0.52	0.59		0.16	0.78	0.78	0.49	0.28	0.25	0.11	0.04	16	5.53	5.72	
17	0.03	0.01		T	T	T							17												17	0.04	0.03		
18													18												18		0.00		
19													19												19		0.00		
20													20												20		0.00		
21						T	0.02	0.02	0.05	0.08	0.13	0.07	21	0.01	0.01	0.04	0.01	0.03	0.01	0.03	0.04	T		21		0.55			
22	T								0.02	T			22		T	0.01	0.01	T						22		0.04			
23													23												23		0.00		
24													24												24		0.00		
25						T	0.03	0.01					25												25		0.04		
26													26												26		0.00		
27													27												27		0.00		
28													28												28		0.00		
29								0.10	0.40	0.23	0.01		29												29		0.00		
30												T	30												30		0.74		

## MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)												
Ending Date												
Ending Time (Hour/Min)												

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 1961–1990

### 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	
PR Partial	RA Rain	PY Spray	SQ Squalls
SH Shower(s)	SG Snow Grains	SA Sand	SS Sandstorm
TS Thunderstorm	SN Snow	VA Volcanic Ash	GL Glaze
VC In the Vicinity	UP Unknown Precipitation		

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

## HARTFORD, CT SEPTEMBER 1999

Ceilometer (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 at constant pressure by evaporation of moisture into it, to 100% relative humidity.

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							10.00	10.00	
04							10.00	10.00	
05							10.00	10.00	
06							2.50	10.00	
07							1.00	10.00	
08							1.50	10.00	
09							1.50	8.00	
10							1.00	10.00	
11							6.00	10.00	
12							7.00	10.00	
13							.75	10.00	
14							4.00	10.00	
15							2.00	7.00	
16							.75	5.00	
17							3.00	10.00	
18							10.00	10.00	
19							10.00	10.00	
20							7.00	10.00	
21							1.50	10.00	
22							1.25	10.00	
23							10.00	10.00	
24							6.00	10.00	
25							2.50	10.00	
26							10.00	10.00	
27							6.00	10.00	
28							4.00	9.00	
29							2.50	10.00	
30							2.50	10.00	
MONTHLY AVGS							5.14	9.63	
<b>SUNSHINE (MINUTES)</b>									
Total:      Possible:									
Percent Possible:									
<b>NUMBER OF DAYS WITH:</b>									
<b>SKY CONDITION</b>									
CLR   PTLY CLDY   CLOUDY   MISSING									
30									
<b>MINIMUM VISIBILITY (MILES)</b>									
<=0.25    <=3.0    >=7.0									
0            14          11									



# OBSERVATIONS AT 3-HOURLY INTERVALS

# HARTFORD, CT

SEPTEMBER 1999

BDL

WBAN # 14740

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 Otktas	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 Otktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
<b>SUNRISE: 0528</b>				<b>SEP 13</b>	<b>SUNSET: 1804</b>				<b>SUNRISE: 0535</b>				<b>SEP 19</b>	<b>SUNSET: 1754</b>															
01	CLR	NC			10.00	54	52	53	93	0	00	30.02		01	CLR	NC			10.00	49	47	48	93	5	36	29.94	30.13		
04	CLR	NC			10.00	53	52	52	96	0	00	30.03		04	CLR	NC			10.00	46	45	46	96	0	00	29.96	30.15		
07	OVC	002			9.00	55	53	54	93	3	03	30.04	30.23	07	CLR	NC			10.00	49	47	48	93	5	01	30.00	30.19		
10	SCT	NC			9.00	66	60	62	81	3	16	30.04	30.23	10	CLR	NC			10.00	63	47	54	56	5	VR	30.02	30.20		
13	SCT	NC			10.00	77	54	63	45	6	VR	30.00	30.19	13	CLR	NC			10.00	72	48	59	43	7	21	29.96	30.14		
16	CLR	NC			10.00	77	56	64	48	13	16	29.96	30.15	16	CLR	NC			10.00	72	49	59	44	7	19	29.91	30.10		
19	CLR	NC			10.00	66	53	59	63	10	16	29.97	30.16	19	CLR	NC			10.00	65	54	59	68	9	18	29.92	30.11		
22	BKN	042			10.00	64	60	62	87	5	18	29.99	30.18	22	CLR	NC			10.00	59	56	57	90	3	21	29.93	30.12		
<b>SUNRISE: 0529</b>				<b>SEP 14</b>	<b>SUNSET: 1803</b>				<b>SUNRISE: 0536</b>				<b>SEP 20</b>	<b>SUNSET: 1752</b>															
01	OVC	011			8.00	60	58	59	93	3	04	29.98	30.17	01	CLR	NC			10.00	55	53	54	93	5	20	29.93	30.11		
04	BKN	013			8.00	62	60	61	93	3	06	29.96	30.15	04	CLR	NC			10.00	50	49	49	96	3	25	29.90	30.09		
07	OVC	014		BR	5.00	61	60	60	97	5	36	29.97	30.16	07	SCT	NC			7.00	57	55	56	93	5	23	29.90	30.09		
10	BKN	012			10.00	70	63	66	79	0	00	29.96	30.15	10	FEW	NC			10.00	69	57	62	66	14	20	29.87	30.06		
13	OVC	025			10.00	75	65	69	71	6	12	29.93	30.12	13	BKN	060			10.00	72	57	63	60	13	17	29.80	29.98		
16	OVC	023			10.00	73	67	69	81	12	14	29.89	30.08	16	SCT	NC			10.00	70	57	62	64	12	18	29.76	29.95		
19	BKN	035			10.00	67	64	65	91	9	15	29.90	30.09	19	SCT	NC			10.00	65	56	60	73	10	18	29.77	29.96		
22	OVC	010			9.00	66	65	65	96	7	14	29.92	30.10	22	CLR	NC			10.00	60	57	58	90	5	21	29.75	29.94		
<b>SUNRISE: 0530</b>				<b>SEP 15</b>	<b>SUNSET: 1801</b>				<b>SUNRISE: 0537</b>				<b>SEP 21</b>	<b>SUNSET: 1750</b>															
01	OVC	006			7.00	65	64	64	97	6	14	29.91	30.09	01	BKN	022			10.00	59	57	58	93	7	16	29.70	29.89		
04	BKN	008		BR	5.00	65	64	64	97	0	00	29.90	30.08	04	OVC	034			8.00	60	59	59	96	3	14	29.67	29.85		
07	BKN	005		BR	2.50	65	64	64	97	3	06	29.91	30.09	07	OVC	013		-RA BR	2.50	61	60	60	97	3	21	29.68	29.87		
10	OVC	008		-RA BR	3.00	68	65	66	90	0	00	29.93	30.12	10	OVC	018		RA BR	1.50	63	62	62	97	0	00	29.68	29.87		
13				-RA BR	6.00	68	65	66	90	5	03	29.94	30.13	13	OVC	005		BR	6.00	63	62	62	97	5	34	29.66	29.84		
16				-RA BR	3.00	68	67	67	96	0	00	29.93	30.11	16	OVC	008		-RA BR	5.00	61	60	60	97	9	35	29.61	29.80		
19	OVC	024		-RA BR	2.50	67	66	66	97	0	00	29.87	30.06	19	OVC	010		-RA BR	6.00	59	58	58	96	9	35	29.63	29.82		
22	OVC	041		-RA BR	4.00	66	65	65	96	0	00	29.86	30.05	22	OVC	017		-RA BR	10.00	57	55	56	93	12	01	29.61	29.80		
<b>SUNRISE: 0531</b>				<b>SEP 16</b>	<b>SUNSET: 1759</b>				<b>SUNRISE: 0538</b>				<b>SEP 22</b>	<b>SUNSET: 1749</b>															
01	OVC	002		-RA BR	2.00	65	65	65	100	5	02	29.78	29.97	01	OVC	015			10.00	54	53	53	97	7	36	29.58	29.77		
04	OVC	003		-RA BR	2.50	65	65	65	100	7	01	29.76	29.95	04	OVC	015			10.00	54	52	53	93	7	36	29.53	29.72		
07	OVC	009		-RA BR	3.00	65	64	64	97	13	02	29.72	29.91	07	OVC	005		BR	2.00	53	52	52	96	8	34	29.56	29.75		
10	OVC	005		+RA BR	1.50	60	59	59	96	18	02	29.66	29.85	10	OVC	009			10.00	53	51	52	93	9	33	29.55	29.74		
13	OVC	014		+RA BR	1.00	62	61	61	96	20	02	29.49	29.68	13	OVC	009			10.00	53	49	51	86	9	32	29.51	29.70		
16	OVC	014		RA BR	1.50	60	59	59	96	21	02	29.34	29.53	16	OVC	023		-RA BR	4.00	51	49	50	92	8	34	29.49	29.68		
19	OVC	006		+RA BR	1.50	59	58	58	96	12	34	29.12	29.30	19	SCT	NC			10.00	51	47	49	86	8	34	29.48	29.67		
22	OVC	017		+RA BR	1.75	58	57	57	97	20	01	28.95	29.14	22	OVC	036			10.00	51	45	48	80	13	34	29.46	29.65		
<b>SUNRISE: 0532</b>				<b>SEP 17</b>	<b>SUNSET: 1757</b>				<b>SUNRISE: 0539</b>				<b>SEP 23</b>	<b>SUNSET: 1747</b>															
01	OVC	015		BR	3.00	58	57	57	97	13	33	29.00	29.19	01	OVC	040			10.00	51	43	47	74	10	33	29.47	29.66		
04	OVC	040		-RA	9.00	57	52	54	83	16	31	29.14	29.33	04	CLR	NC			10.00	48	35	42	61	9	34	29.47	29.66		
07	BKN	070			10.00	56	49	52	77	21	30	29.33	29.52	07	CLR	NC			10.00	50	38	44	63	6	36	29.56	29.75		
10	FEW	NC			10.00	63	47	54	56	35	30	29.45	29.64	10	CLR	NC			10.00	63	44	53	50	18	32	29.59	29.78		
13	OVC	060			10.00	64	46	54	52	33	31	29.55	29.73	13	CLR	NC			10.00	70	47	57	44	6	VR	29.59	29.78		
16	FEW	NC			10.00	63	47	54	56	30	31	29.60	29.79	16	CLR	NC			10.00	72	51	60	48	10	24	29.59	29.78		
19	CLR	NC			10.00	62	46	54	56	15	33	29.68	29.86	19	CLR	NC			10.00	63	53	57	70	8	18	29.64	29.83		
22	CLR	NC			10.00	59	46	52	62	9	32	29.72	29.91	22	CLR	NC			10.00	59	54	56	83	7	17	29.68	29.86		
<b>SUNRISE: 0533</b>				<b>SEP 18</b>	<b>SUNSET: 1756</b>				<b>SUNRISE: 0540</b>				<b>SEP 24</b>	<b>SUNSET: 1745</b>															
01	CLR	NC			10.00	57	45	51	64	8	31	29.76	29.95	01	CLR	NC			10.00	57	52	54	83	8	18	29.69	29.88		
04	CLR	NC			10.00	51	46	49	83	7	31	29.80	29.98	04	CLR	NC			10.00	54	51	52	90	3	20	29.70	29.88		
07	CLR	NC			10.00	55	47	51	74	3	24	29.85	30.03	07	CLR	NC			8.00	55	52	53	90	3	19	29.71	29.90		
10	CLR	NC			10.00	66	48	56	52	6	VR	29.86	30.04	10	CLR	NC			10.00	69	54	60	59	13	20	29.70	29.89		
13	CLR	NC			10.00	72	47	58	41	8	35	29.83	30.02	13	CLR	NC			10.00	76	56	64	50	15	20	29.65	29.83		
16	CLR	NC			10.00	73	44	57	36	13	34	29.83	30.02	16	CLR	NC			10.00	74	58	64	57	20	17	29.62	29.80		
19	CLR	NC			10.00	60	50	55	70	3	33	29.87	30.06	19	CLR	NC			10.00	67	59	62	76	13	20	29.66	29.85		
22	CLR	NC			10.00	53	50	51	89	0	00	29.91	30.10	22	CLR	NC			10.00	61	60	60	97	7	18	29.68	29.87		

# OBSERVATIONS AT 3-HOURLY INTERVALS

**HARTFORD, CT**  
**SEPTEMBER 1999**

BDL WBAN # 14740

HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES,HG)	
	SKY COVER	CEILING 100'S OF FT		DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
<b>SUNRISE: 0541</b>				<b>SEP 25</b>				<b>SUNSET: 1743</b>			
01	BKN	110		60	59	59	96	0	00	29.71	29.89
04	CLR	NC		59	59	59	100	6	20	29.70	29.89
07	OVC	060		61	56	58	84	13	23	29.73	29.92
10	FEW	NC		65	58	61	78	5	VR	29.73	29.92
13	FEW	NC		73	54	62	51	9	32	29.73	29.92
16	CLR	NC		70	50	59	49	10	35	29.78	29.96
19	CLR	NC		58	48	53	70	8	32	29.88	30.07
22	CLR	NC		51	45	48	80	6	01	29.95	30.14
<b>SUNRISE: 0542</b>				<b>SEP 26</b>				<b>SUNSET: 1742</b>			
01	CLR	NC		47	44	46	90	3	01	29.99	30.18
04	CLR	NC		43	42	43	97	8	02	30.05	30.24
07	CLR	NC		48	45	47	89	3	03	30.10	30.30
10	CLR	NC		60	49	54	67	5	VR	30.13	30.33
13	CLR	NC		66	47	56	50	0	00	30.09	30.29
16	CLR	NC		69	48	58	47	0	00	30.08	30.27
19	CLR	NC		60	54	57	80	7	18	30.09	30.28
22	CLR	NC		56	53	54	90	3	16	30.13	30.32
<b>SUNRISE: 0543</b>				<b>SEP 27</b>				<b>SUNSET: 1740</b>			
01	CLR	NC		49	48	48	97	0	00	30.14	30.34
04	CLR	NC		47	46	47	97	3	01	30.15	30.35
07	BKN	035	BR	51	50	51	96	5	31	30.16	30.36
10	CLR	NC		63	57	60	81	7	VR	30.18	30.38
13	OVC	032		71	58	63	63	5	25	30.13	30.33
16	BKN	033		71	60	64	68	9	19	30.10	30.30
19	SCT	NC		64	60	62	87	8	19	30.11	30.31
22	CLR	NC		60	59	59	96	6	19	30.14	30.34
<b>SUNRISE: 0544</b>				<b>SEP 28</b>				<b>SUNSET: 1738</b>			
01	BKN	015		59	57	58	93	0	00	30.12	30.32
04	SCT	NC		58	58	58	100	0	00	30.10	30.30
07	OVC	035		59	58	58	96	6	18	30.13	30.32
10	OVC	022		66	62	64	87	6	15	30.13	30.32
13	FEW	NC		74	65	68	74	10	18	30.08	30.27
16	FEW	NC		75	65	69	71	10	18	30.05	30.24
19	FEW	NC		68	65	66	90	8	18	30.06	30.25
22	OVC	090	BR	65	64	64	97	7	17	30.05	30.24
<b>SUNRISE: 0545</b>				<b>SEP 29</b>				<b>SUNSET: 1736</b>			
01	OVC	080	BR	64	63	63	96	6	18	30.02	30.21
04	OVC	065	BR	64	64	64	100	7	17	30.00	30.19
07	OVC	006	BR	66	65	65	96	8	17	29.99	30.17
10	OVC	014		70	65	67	84	9	18	29.95	30.14
13	OVC	023		73	63	67	71	12	18	29.90	30.09
16	OVC	042		71	61	65	71	13	17	29.84	30.02
19	OVC	027		67	63	64	87	9	16	29.80	29.98
22	OVC	017		62	62	62	100	9	15	29.73	29.92
<b>SUNRISE: 0546</b>				<b>SEP 30</b>				<b>SUNSET: 1735</b>			
01	OVC	014		64	62	63	93	9	15	29.63	29.81
04	BKN	065		68	63	65	84	16	17	29.50	29.69
07	OVC	019	RA BR	66	64	65	93	17	17	29.40	29.59
10	OVC	025		62	59	60	90	7	28	29.40	29.58
13	CLR	NC		68	50	58	53	21	31	29.47	29.66
16	BKN	060		63	44	53	50	18	30	29.58	29.77
19	CLR	NC		55	46	50	72	3	32	29.66	29.85
22	CLR	NC		49	46	47	90	7	30	29.71	29.90

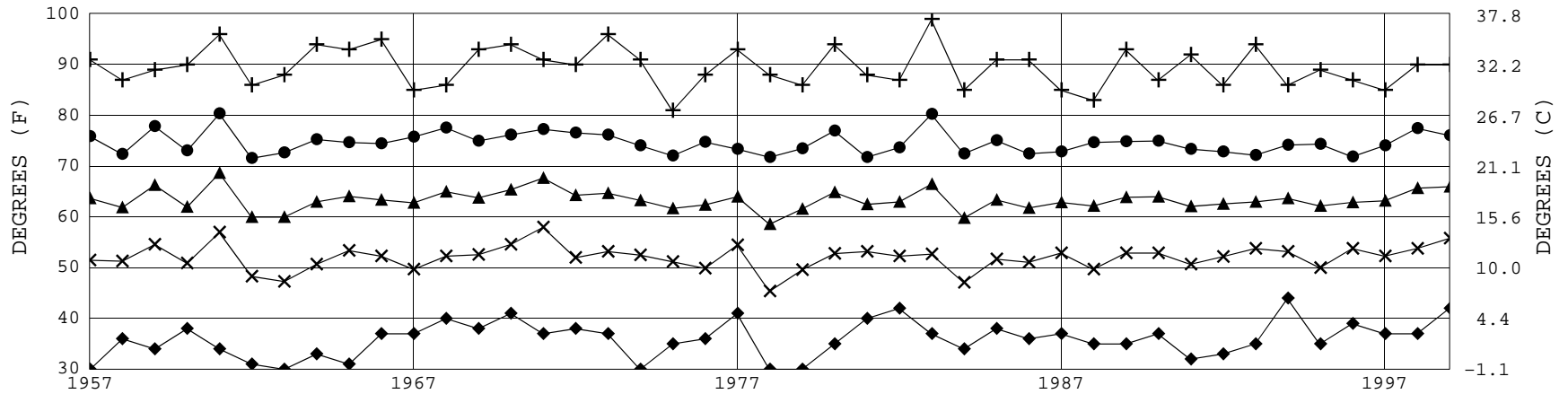
HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES,HG)	
	SKY COVER	CEILING 100'S OF FT		DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
<b>SUNRISE: SEP 31</b>				<b>SUNSET:</b>							

**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)	DIRECTION	
							STATION	SEA LEVEL				
01			60	57	59	90	29.81	29.99	8.47	4	0	0
02			60	57	58	92	29.81	29.98	8.57	4	0	0
03			59	57	58	93	29.80	29.98	8.10	5	1	32
04			59	57	58	92	29.81	29.99	8.05	5	0	0
05			59	56	57	92	29.81	29.99	7.84	5	1	32
06			59	57	57	93	29.82	30.01	7.23	5	1	29
07			61	58	59	90	29.83	30.02	6.77	6	1	29
08			63	58	60	85	29.83	30.02	7.12	7	1	30
09			66	59	62	79	29.84	30.03	7.20	7	1	28
10			68	59	63	74	29.83	30.02	7.97	7	1	26
11			71	59	64	68	29.82	30.01	8.33	7	1	22
12			72	58	64	64	29.81	29.99	8.63	8	1	24
13			74	58	64	61	29.80	29.98	8.63	9	2	24
14			74	58	64	60	29.79	29.97	8.68	10	3	23
15			74	58	64	61	29.78	29.96	8.24	10	2	23
16			73	58	64	63	29.78	29.96	8.62	9	2	19
17			72	58	64	65	29.77	29.96	9.00	10	4	18
18			69	58	63	70	29.78	29.97	8.82	9	4	18
19			67	58	62	76	29.79	29.98	8.80	8	3	19
20			65	59	61	80	29.80	29.99	8.84	8	3	19
21			64	59	61	84	29.80	29.99	8.74	7	2	20
22			63	59	60	87	29.80	29.99	8.76	6	2	18
23			61	58	59	90	29.80	29.99	8.63	5	0	0
24			61	58	59	89	29.80	29.98	8.66	5	1	21

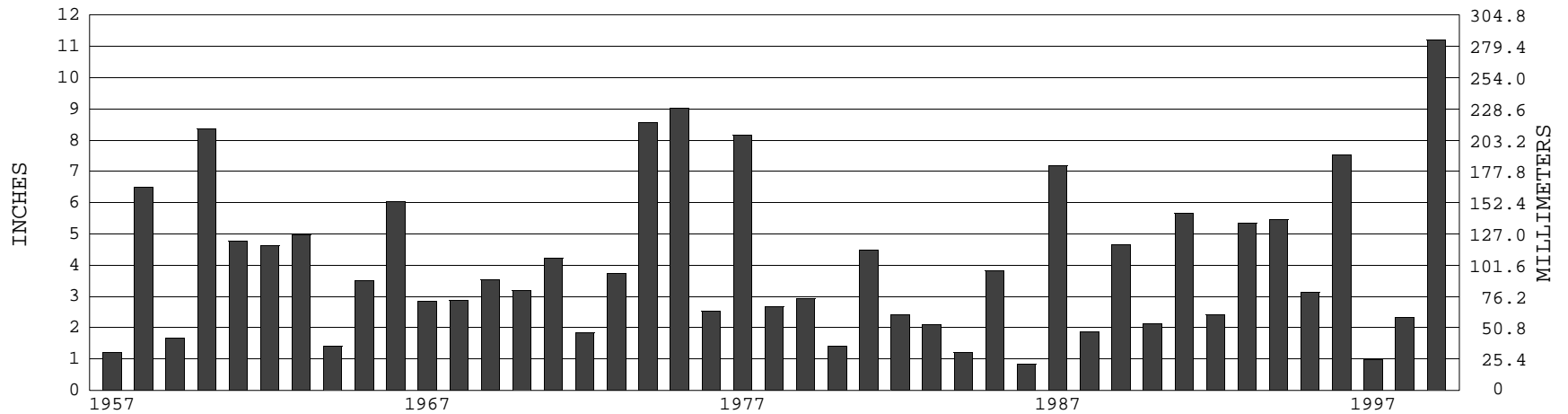
### HARTFORD, CT SEPTEMBER TEMPERATURES



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

Long-Term (1957-1999) Mean: 63.4      1961-1990 Normal: 63.3

### HARTFORD, CT SEPTEMBER PRECIPITATION



Long-Term (1957-1999) Mean Monthly Total: 4.08

1961-1990 Normal: 3.79



**SEPTEMBER 1999  
HARTFORD, CT**

**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.*

DIRECTOR

**NOTICE**

Effective July 1, 1996, the National Weather Service & Federal Aviation Administration began using the METAR format for Hourly Observations.

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