

2002

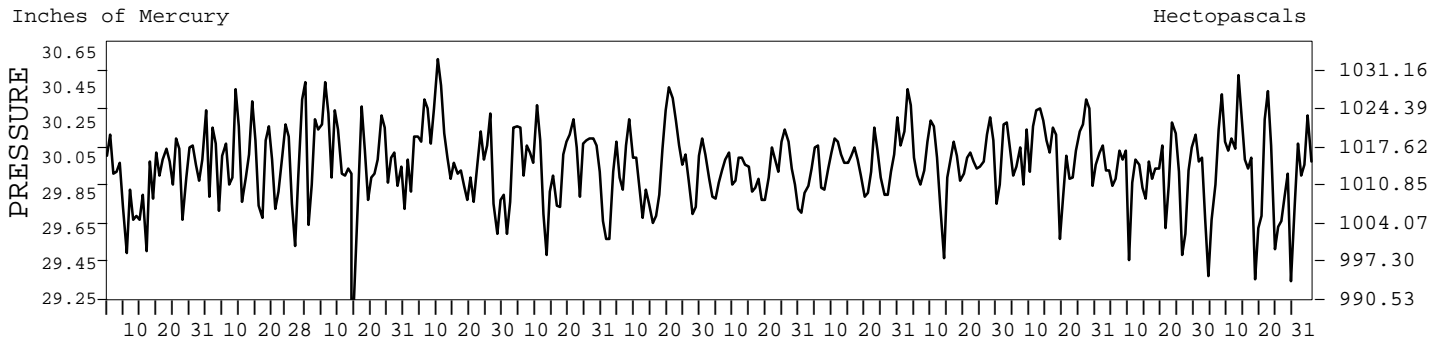
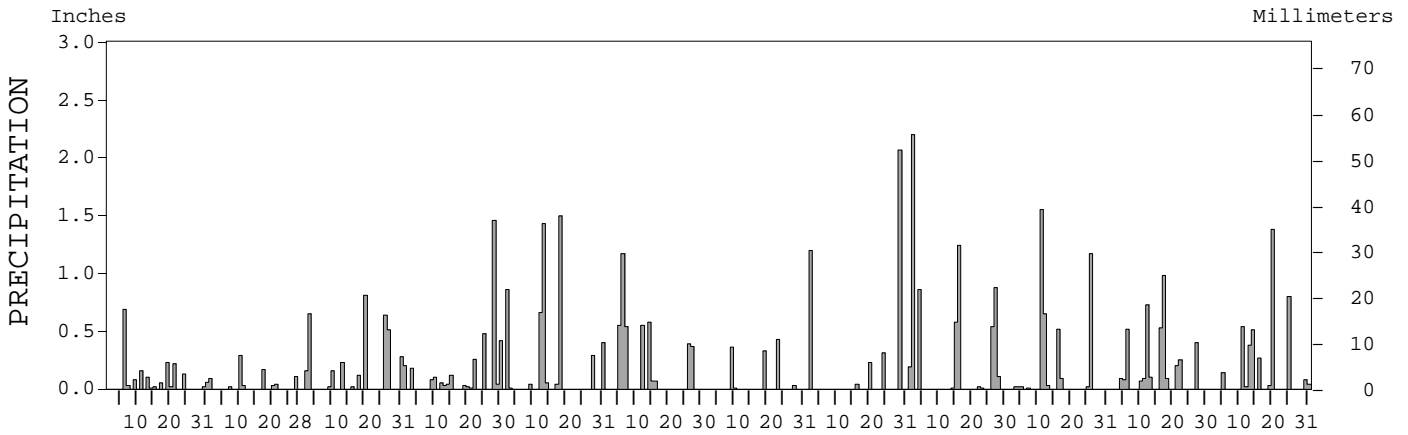
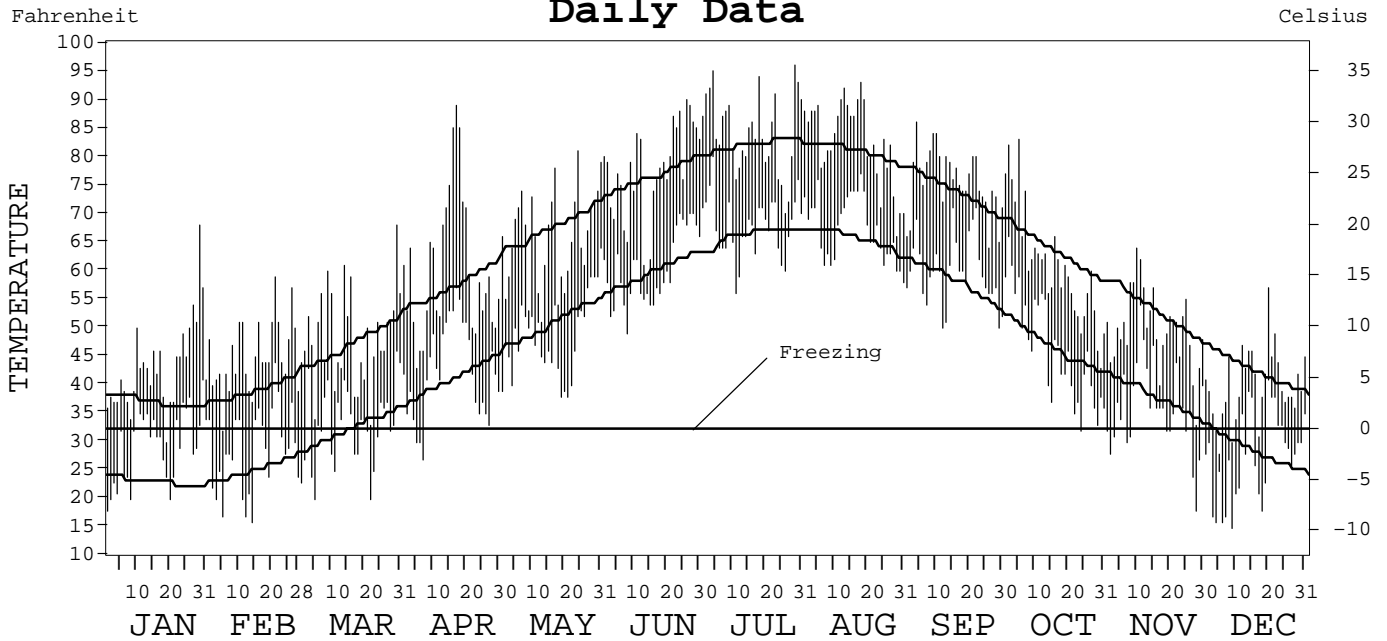
LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA



ISSN 0198-1129

BRIDGEPORT, CONNECTICUT (BDR)

Daily Data



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE	NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NORTH CAROLINA	DIRECTOR NATIONAL CLIMATIC DATA CENTER
---	---	---	---

METEOROLOGICAL DATA FOR 2002

BRIDGEPORT, CT (BDR)

LATITUDE: 41° 10' 30" N LONGITUDE: 73° 08' 44" W ELEVATION (FT): GRND: 8 BARO: 11 TIME ZONE: EASTERN (UTC + 5) WBAN: 94702

ELEMENT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	
TEMPERATURE °F	MEAN DAILY MAXIMUM	43.2	45.1	48.4	60.2	65.8	77.2	84.2	82.5	75.7	61.0	49.9	39.9	61.1	
	HIGHEST DAILY MAXIMUM	68	59	68	89	81	90	96	93	86	83	64	57	96	
	DATE OF OCCURRENCE	29	21	30	17	24	26	29	18	04	05	10	20	JUL 29	
	MEAN DAILY MINIMUM	29.6	28.5	32.8	42.3	48.5	60.2	67.8	67.3	59.9	46.3	35.9	27.5	45.5	
	LOWEST DAILY MINIMUM	18	16	20	27	38	49	56	58	50	32	18	15	15	
	DATE OF OCCURRENCE	01	14	22+	07	21+	08	11	31	29+	24	28	09	DEC 09	
	AVERAGE DRY BULB	36.4	36.8	40.6	51.3	57.2	68.7	76.0	74.9	67.8	53.7	42.9	33.7	53.3	
	MEAN WET BULB	33.4	33.3			51.9	62.1	67.8			49.6	40.4	30.4		
	MEAN DEW POINT	27.9	25.9			46.4	57.7	63.1			44.2	35.3	23.1		
	NUMBER OF DAYS WITH:														
	MAXIMUM ≥ 90°	0	0	0	0	0	1	8	5	0	0	0	0	0	14
	MAXIMUM ≤ 32°	1	1	0	0	0	0	0	0	0	0	0	4	6	6
	MINIMUM ≤ 32°	19	18	14	3	0	0	0	0	0	1	11	22	88	88
	MINIMUM ≤ 0°	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/C	HEATING DEGREE DAYS	880	782	751	422	247	41	0	3	23	367	657	962	5135	
	COOLING DEGREE DAYS	0	0	0	17	13	160	346	318	115	22	0	0	991	
RH	MEAN (PERCENT)	73	67	70	65	71	71	67	69	75	71	74	67	70	
	HOUR 01 LST	76	74	76	74	82	82	77	79	82	78	78	71	77	
	HOUR 07 LST	80	76	76	71	77	77	74	75	82	80	83	69	77	
	HOUR 13 LST	65	57	63	53	58	58	53	57	63	61	64	59	59	
	HOUR 19 LST	71	64	71	63	68	68	64	68	76	70	74	68	69	
S	PERCENT POSSIBLE SUNSHINE														
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG (VISBY ≤ 1/4 MI)	3	3	5	3	4	0	1	0	0	0	1	1	21	
	THUNDERSTORMS	0	0	0	2	1	4	2	0	0	0	0	0	9	
CLOUDINESS	SUNRISE-SUNSET: (OKTAS)														
	CEILOMETER (≤ 12,000 FT.)														
	SATELLITE (> 12,000 FT.)														
	MIDNIGHT-MIDNIGHT: (OKTAS)														
	CEILOMETER (≤ 12,000 FT.)														
	SATELLITE (> 12,000 FT.)														
NUMBER OF DAYS WITH:															
CLEAR															
PARTLY CLOUDY															
CLOUDY															
PR	MEAN STATION PRESS. (IN.)	29.94	30.01		30.06	30.01	29.98	29.96	30.04	30.04	30.09	29.93	29.98		
	MEAN SEA-LEVEL PRESS. (IN.)	29.96	30.03		30.08	30.02	30.00	29.97	30.05	30.06	30.10	29.94	29.99		
WINDS	RESULTANT SPEED (MPH)	5.2	4.3		1.9	0.6	1.6	1.6			2.8	4.1	5.6		
	RES. DIR. (TENS OF DEGS.)	30	30		30	26	17	13			04	31	33		
	MEAN SPEED (MPH)	8.7	9.3	10.6	9.7	9.7	8.5	8.4	7.8	8.7	12.1	9.9	9.8	9.4	
	PREVAIL. DIR. (TENS OF DEGS.)	25	24	09	24	25	25	25	23	22	01	29	34	25	
	MAXIMUM 2-MINUTE WIND:														
	SPEED (MPH)	40	33	33	30	38	35	25	36	30	35	35	37	40	
	DIR. (TENS OF DEGS.)	31	32	31	09	31	18	02	02	23	10	31	31	31	
	DATE OF OCCURRENCE	13	02	10	28+	03	26	23+	02	27+	11	23	01	JAN 13	
	MAXIMUM 5-SECOND WIND:														
	SPEED (MPH)	51	43	41	37	44	40	32	47	36	41	43	43	51	
DIR. (TENS OF DEGS.)	31	31	31	30	30	19	36	02	23	11	30	31	31		
DATE OF OCCURRENCE	13	01	10	01	03	26	19+	02	15	11	18	01	JAN 13		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	1.82	0.78	3.60	3.52	5.28	4.29	1.16	3.85	6.64	4.10	4.13	4.19	43.36	
	GREATEST 24-HOUR (IN.)	0.72	0.32	1.15	1.50	1.53	1.62	0.43	2.07	1.75	2.05	1.06	1.41	2.07	
	DATE OF OCCURRENCE	06-07	10-11	26-27	28-29	17-18	06-07	23	29	15-16	11-12	16-17	19-20	AUG 29	
	NUMBER OF DAYS WITH:														
	PRECIPITATION ≥ 0.01	14	8	11	16	10	9	5	5	11	11	13	11	124	
PRECIPITATION ≥ 0.10	6	3	9	8	6	7	3	4	8	4	8	7	73		
PRECIPITATION ≥ 1.00	0	0	0	1	2	1	0	2	2	2	0	1	11		
SNOWFALL	SNOW, ICE PELLETS, HAIL:														
	TOTAL (IN.)														
	GREATEST 24-HOUR (IN.)														
	DATE OF OCCURRENCE														
	MAXIMUM SNOW DEPTH (IN.)														
	DATE OF OCCURRENCE														
NUMBER OF DAYS WITH:															
SNOWFALL ≥ 1.0															

NORMALS, MEANS, AND EXTREMES

BRIDGEPORT, CT (BDR)

LATITUDE: 41° 10' 30" N LONGITUDE: 73° 08' 44" W ELEVATION (FT): GRND: 8 BARO: 11 TIME ZONE: EASTERN (UTC + 5) WBAN: 94702

ELEMENT		POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	36.9	38.8	46.9	57.0	67.4	76.4	81.9	80.7	73.6	63.1	52.6	42.1	59.8
	MEAN DAILY MAXIMUM	54	37.0	38.7	46.0	57.1	67.2	76.6	82.1	80.8	74.0	63.9	52.8	41.6	59.8
	HIGHEST DAILY MAXIMUM	54	68	67	84	91	97	96	103	100	99	86	78	76	103
	YEAR OF OCCURRENCE		2002	1997	1990	1990	1996	1994	1957	2001	1953	1997	1993	1998	JUL 1957
	MEAN OF EXTREME MAXS.	54	53.8	54.1	63.3	75.8	83.4	89.9	93.1	90.8	85.8	77.5	67.5	58.2	74.4
	NORMAL DAILY MINIMUM	30	22.9	24.9	32.0	40.7	50.6	59.6	66.0	65.4	57.7	46.3	37.5	28.0	44.3
	MEAN DAILY MINIMUM	54	23.1	24.4	30.9	40.1	50.0	59.5	65.7	64.8	57.4	46.9	37.9	27.7	44.0
	LOWEST DAILY MINIMUM	54	-7	-5	4	18	31	41	49	44	36	26	16	-4	-7
	YEAR OF OCCURRENCE		1984	1963	1967	1982	1966	1967	1988	1982	1963	1988	1972	1980	JAN 1984
	MEAN OF EXTREME MINS.	54	6.0	7.7	16.5	28.9	39.3	48.7	56.2	53.7	43.1	33.0	24.1	11.3	30.7
	NORMAL DRY BULB	30	28.9	30.4	38.6	48.2	58.4	67.6	73.7	73.1	65.9	55.6	45.6	34.3	51.7
	MEAN DRY BULB	54	30.0	31.6	38.6	48.6	58.5	68.1	73.8	72.9	65.6	55.5	45.4	34.6	51.9
	MEAN WET BULB	15	28.5	29.8	35.3	44.2	54.1	62.9	68.1	63.0	57.3	48.1	41.3	32.9	47.1
	MEAN DEW POINT	15	19.7	20.4	25.4	34.2	48.0	58.0	63.7	58.8	53.0	42.5	34.8	25.4	40.3
	NORMAL NO. DAYS WITH:														
MAXIMUM ≥ 90°	30	0.0	0.0	0.0	*	0.1	0.9	2.8	1.4	0.3	0.0	0.0	0.0	5.5	
MAXIMUM ≤ 32°	30	10.6	7.3	1.3	*	0.0	*	0.0	0.0	0.0	0.0	0.1	5.3	24.6	
MINIMUM ≤ 32°	30	26.4	23.6	17.1	3.6	0.1	0.0	0.0	0.0	0.0	1.0	7.2	21.7	100.7	
MINIMUM ≤ 0°	30	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	
H/C	NORMAL HEATING DEG. DAYS	30	1089	943	803	489	207	32	2	4	68	320	591	918	5466
	NORMAL COOLING DEG. DAYS	30	0	0	0	1	21	125	286	258	91	7	0	0	789
RH	NORMAL (PERCENT)	30	66	66	66	64	70	74	73	74	74	70	70	70	70
	HOUR 01 LST	30	69	69	72	72	79	84	83	83	82	77	75	73	76
	HOUR 07 LST	30	72	72	72	71	76	78	79	80	82	79	77	74	76
	HOUR 13 LST	30	61	59	57	54	59	61	61	62	61	59	61	62	60
	HOUR 19 LST	30	65	64	62	62	67	70	70	71	72	69	68	67	67
S	PERCENT POSSIBLE SUNSHINE														
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG (VISBY ≤ 1/4 MI)	39	3.3	2.8	3.2	2.9	4.2	3.7	1.8	1.1	1.2	1.5	1.6	1.7	29.0
	THUNDERSTORMS	39	0.1	0.3	0.9	1.7	2.9	3.5	4.5	3.8	1.7	0.8	0.3	0.1	20.6
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)	47	5.0	4.9	5.0	5.1	5.2	4.8	4.7	4.5	4.5	4.2	4.9	4.9	4.8
	MIDNIGHT-MIDNIGHT (OKTAS)	17	4.3	4.3	4.6	4.4	4.8	4.6	4.4	4.4	4.1	4.0	4.6	4.7	4.4
	MEAN NO. DAYS WITH:														
CLEAR	47	8.2	8.4	8.0	7.1	6.7	7.7	7.4	8.8	9.6	10.9	7.9	8.3	99.0	
PARTLY CLOUDY	47	7.8	6.8	8.6	8.6	10.1	10.1	12.0	10.6	8.8	8.1	7.7	7.7	106.9	
CLOUDY	47	15.0	13.1	14.5	14.3	14.2	12.2	11.6	11.5	11.5	12.0	14.4	14.9	159.2	
PR	MEAN STATION PRESSURE (IN)	14	30.03	30.04	29.99	29.95	29.95	29.98	29.96	30.01	30.03	30.05	30.01	30.03	30.00
	MEAN SEA-LEVEL PRES. (IN)	19	30.06	30.06	30.02	29.98	29.97	30.01	29.99	30.03	30.06	30.10	30.07	30.07	30.04
WINDS	MEAN SPEED (MPH)	22	12.0	12.4	12.7	11.8	10.8	9.5	9.4	9.0	10.1	11.0	11.4	11.5	11.0
	PREVAIL. DIR (TENS OF DEGS)	14	27	31	32	24	23	24	23	24	24	36	29	27	24
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	6	41	45	47	39	40	39	33	36	34	35	44	41	47
	DIR. (TENS OF DEGS)		29	31	31	10	31	35	33	02	31	10	09	27	31
	YEAR OF OCCURRENCE		1999	1997	1997	2000	2000	2000	1997	2002	1999	2002	1997	2000	MAR 1997
	MAXIMUM 5-SECOND:														
SPEED (MPH)	6	51	56	62	49	48	53	47	47	45	45	53	53	62	
DIR. (TENS OF DEGS)		31	31	30	01	31	31	31	02	14	30	16	29	30	
YEAR OF OCCURRENCE		2002	1997	1997	1997	2000	2000	1997	2002	1999	1998	1999	2000	MAR 1997	
PRECIPITATION	NORMAL (IN)	30	3.73	2.92	4.15	3.99	4.03	3.57	3.77	3.75	3.58	3.54	3.65	3.47	44.15
	MAXIMUM MONTHLY (IN)	54	11.20	6.65	9.40	10.72	9.53	17.70	12.84	13.29	7.42	10.72	10.22	7.87	17.70
	YEAR OF OCCURRENCE		1979	1972	1953	1983	1989	1972	1971	1952	1960	1955	1972	1972	JUN 1972
	MINIMUM MONTHLY (IN)	54	0.40	0.43	0.69	0.69	0.41	0.07	0.47	0.72	0.43	0.33	0.36	0.33	0.07
	YEAR OF OCCURRENCE		1970	1987	1981	1985	1986	1949	1979	1981	1959	1963	1976	1955	JUN 1949
	MAXIMUM IN 24 HOURS (IN)	54	4.55	2.31	4.60	5.33	3.23	6.89	5.95	4.72	4.67	4.28	4.07	3.69	6.89
	YEAR OF OCCURRENCE		1979	1969	1977	1996	1968	1972	1971	1991	1960	1972	1954	1968	JUN 1972
	NORMAL NO. DAYS WITH:														
PRECIPITATION ≥ 0.01	30	10.2	9.6	11.0	9.8	11.0	10.2	8.3	9.1	8.0	7.2	10.7	11.4	116.5	
PRECIPITATION ≥ 1.00	30	0.6	0.7	0.9	1.2	1.0	0.7	1.2	1.0	0.6	0.7	1.0	0.9	10.5	
SNOWFALL	NORMAL (IN)	30	8.5	7.2	4.3	0.9	0.*	0.0	0.0	0.0	0.*	0.7	3.6	25.2	
	MAXIMUM MONTHLY (IN)	49	26.2	27.9	21.8	11.8	T	0.0	T	T	0.0	0.5	6.6	16.2	27.9
	YEAR OF OCCURRENCE		1965	1994	1967	1996	1977		1991	1992		1987	1989	1963	FEB 1994
	MAXIMUM IN 24 HOURS (IN)	49	16.7	16.7	11.1	7.9	T	0.0	T	T	0.0	0.5	6.6	8.4	16.7
	YEAR OF OCCURRENCE		1978	1969	1967	1996	1977		1991	1992		1987	1989	1995	JAN 1978
	MAXIMUM SNOW DEPTH (IN)	47	17	140	11	6	0	0	0	0	0	0	5	150	150
	YEAR OF OCCURRENCE		1978	1958	1967	1982							1989	1948	DEC 1948
NORMAL NO. DAYS WITH:															
SNOWFALL ≥ 1.0	30	2.4	2.0	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.0	7.3	

PRECIPITATION (inches) 2002 BRIDGEPORT, CT (BDR)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1973	4.77	4.00	5.00	8.14	6.04	4.58	6.55	2.05	2.56	2.83	1.84	6.53	54.89
1974	4.45	1.97	6.05	2.70	2.79	2.24	1.43	3.02	5.39	2.52	1.26	5.93	39.75
1975	4.70	3.11	3.05	2.49	3.27	3.39	6.48	1.91	6.18	3.96	4.41	4.50	47.45
1976	5.56	3.20	2.75	2.38	3.15	2.62	2.09	6.16	1.52	6.62	0.36	2.59	39.00
1977	2.43	1.74	7.74	3.60	2.07	2.75	1.03	4.69	7.26	3.94	4.93	5.17	47.35
1978	7.91	1.34	3.95	1.97	5.12	1.59	2.59	5.90	3.75	2.54	1.74	4.76	43.16
1979	11.20	3.65	3.70	4.53	4.88	3.29	0.47	4.35	4.46	2.71	2.54	2.24	48.02
1980	1.02	1.07	7.05	7.03	2.69	2.52	5.97	2.38	2.39	4.12	3.95	0.95	41.14
1981	0.54	4.66	0.69	3.19	1.92	2.10	4.45	0.72	4.50	4.32	1.93	3.65	32.67
1982	5.50	2.47	2.76	3.83	3.02	11.53	3.31	3.14	1.30	1.52	3.13	1.10	42.61
1983	3.72	2.40	9.21	10.72	4.77	3.72	1.66	2.57	2.20	4.63	6.58	4.74	56.92
1984	1.52	4.72	3.49	4.37	8.14	3.53	6.54	1.23	2.24	2.79	1.83	2.56	42.96
1985	1.25	1.72	1.93	0.69	5.11	5.34	5.19	4.62	1.60	1.48	5.67	1.25	35.85
1986	2.66	3.05	2.32	1.65	0.41	3.16	5.74	2.43	0.85	2.14	4.91	4.41	33.73
1987	4.78	0.43	4.77	4.73	1.20	1.55	1.78	3.89	4.09	2.20	2.87	2.08	34.37
1988	2.65	3.64	2.36	1.59	2.65	0.79	8.53	1.86	2.26	3.26	7.58	1.63	38.80
1989	1.44	2.40	4.06	3.15	9.53	5.60	3.44	6.57	3.21	7.02	3.27	0.83	50.52
1990	4.01	1.94	2.10	4.87	6.89	1.91	2.83	6.47	1.75	5.72	1.89	3.53	43.91
1991	2.82	1.83	4.07	3.19	3.83	2.29	2.17	7.84	3.47	1.88	2.82	4.27	40.48
1992	1.92	2.12	3.64	1.89	2.85	5.13	3.76	8.38	5.32	2.42	4.46	4.30	46.19
1993	2.60	2.60	6.75	3.50	2.25	1.42	1.58	1.58	6.60	4.00	1.71	4.54	39.13
1994	5.12	3.17	5.74	2.85	3.42	1.51	1.82	4.95	4.46	1.06	3.13	3.73	40.96
1995	2.98	2.85	2.07	3.61	2.27	1.44	1.32	1.37	3.15	5.71	4.33	1.94	33.04
1996	4.91	2.67	2.75	9.42	2.31	3.63	5.94	1.34	4.79	7.78	3.35	6.47	55.36
1997	2.95	2.15	4.89	3.39	3.04	1.44	4.20	4.97	0.60	2.07	3.87	3.23	36.80
1998	4.61	4.00	4.71	5.49	7.35	5.08	0.97	1.49	2.16	3.65	1.22	1.05	41.78
1999	6.42	4.01	3.27	1.81	3.77	0.97	0.78	4.34	6.88	3.23	3.08	2.39	40.95
2000	2.12	1.82	4.02	5.18	4.23	3.96	5.73	6.65	4.59	0.42	4.13	2.46	45.31
2001	2.79	1.67	6.91	1.57	3.41	3.79	2.10	6.01	2.41	1.00	0.79	2.03	34.48
2002	1.82	0.78	3.60	3.52	5.28	4.29	1.16	3.85	6.64	4.10	4.13	4.19	43.36
POR= 99 YRS	3.55	3.17	3.98	3.85	3.77	3.26	3.02	4.01	3.55	3.30	3.66	3.58	42.70

WBAN : 94702

AVERAGE TEMPERATURE (°F) 2002 BRIDGEPORT, CT (BDR)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1973	30.4	29.2	42.1	49.1	55.5	70.4	75.2	75.8	68.0	59.9	48.0	37.7	53.4
1974	33.1	29.6	40.1	52.2	58.4	68.6	76.2	75.1	65.7	52.9	46.5	37.4	53.0
1975	35.3	32.2	36.8	44.7	61.9	67.2	74.5	74.0	64.5	59.0	50.5	35.5	53.0
1976	26.9	36.3	40.2	51.1	56.9	70.4	71.5	73.1	65.4	53.5	42.4	29.9	51.5
1977	23.7	31.2	41.9	49.1	60.4	65.1	72.6	74.1	67.8	56.9	50.0	33.5	52.2
1978	26.6	24.1	35.6	46.9	56.8	66.4	73.2	75.0	64.2	55.4	47.2	36.2	50.6
1979	30.6	24.6	43.0	49.5	61.7	66.6	73.8	72.8	64.8	53.2	47.3	37.9	52.2
1980	31.7	28.1	37.0	48.1	60.4	67.3	75.8	75.9	68.4	55.4	43.2	31.3	51.9
1981	22.2	33.9	38.1	49.3	58.6	68.0	74.0	71.4	62.8	50.5	44.1	33.8	50.6
1982	22.9	32.8	37.9	46.3	59.6	63.9	72.9	69.3	64.1	52.9	47.0	38.7	50.7
1983	31.4	32.3	40.5	48.1	55.8	67.7	74.3	73.1	67.3	55.1	46.5	33.1	52.1
1984	26.6	36.5	34.1	47.9	57.8	71.0	73.1	74.8	63.3	57.7	45.0	40.2	52.3
1985	26.2	32.3	41.8	50.8	60.9	65.6	73.6	72.8	66.6	56.0	46.6	31.4	52.1
1986	30.6	29.2	39.9	50.6	61.1	66.8	73.1	70.7	64.7	54.3	42.3	35.5	51.6
1987	30.1	30.0	41.3	50.2	58.8	68.6	74.9	71.0	65.2	51.3	44.9	36.8	51.9
1988	26.4	31.2	39.4	48.1	59.4	68.2	75.5	75.6	64.6	50.5	45.9	32.7	51.5
1989	33.8	31.0	38.8	47.9	59.6	68.5	71.8	71.6	65.2	54.9	43.2	23.3	50.8
1990	36.7	35.0	40.1	49.2	56.9	69.1	73.9	73.9	65.6	59.6	46.6	40.0	53.9
1991	31.7	36.2	42.2	51.8	64.5	70.3	75.5	74.8	65.1	56.7	45.9	36.7	54.3
1992	32.2	33.8	37.1	46.5	58.0	67.1	71.1	70.4	65.0	52.1	44.7	36.0	51.2
1993	33.6	27.9	36.7	49.2	61.4	70.0	76.7	75.3	65.7	53.3	45.0	35.5	52.5
1994	23.4	26.2	37.5	50.6	58.6	71.8	78.5	72.0	65.4	54.9	48.9	38.7	52.2
1995	35.6	29.4	41.4	48.1	58.6	68.8	77.0	74.8	66.1	58.6	41.6	30.1	52.5
1996	28.4	30.8	36.2	48.7	57.4	68.2	71.2	72.6	66.3	54.0	40.7	39.1	51.1
1997	30.3	37.3	38.7	48.1	56.1	67.7	73.1	71.5	65.2	53.9	42.2	35.5	51.6
1998	36.7	37.9	41.0	49.3	60.9	66.8	73.7	74.2	67.4	55.1	45.7	39.3	54.0
1999	31.0	34.2	39.7	49.7	59.5	70.1	77.3	72.8	67.2	53.7	47.9	37.7	53.4
2000	28.6	34.0	43.2	47.5	59.6	68.5	70.4	70.8	64.7	54.0	43.6	29.6	51.2
2001	29.5	32.3	36.5	49.5	60.3	71.0	71.6	75.8	66.0	56.1	49.2	41.4	53.3
2002	36.4	36.8	40.6	51.3	57.2	68.7	76.0	74.9	67.8	53.7	42.9	33.7	53.3
POR= 100 YRS	28.8	30.8	38.1	48.1	58.5	67.9	73.4	72.0	65.2	54.7	44.3	33.6	51.3

HEATING DEGREE DAYS (base 65°F) 2002 BRIDGEPORT, CT (BDR)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1973-74	0	0	35	171	501	838	984	988	765	380	219	21	4902
1974-75	0	0	67	368	551	847	916	907	866	604	141	34	5301
1975-76	0	0	59	190	432	908	1174	826	762	420	251	37	5059
1976-77	0	7	59	356	673	1079	1274	940	710	470	160	62	5790
1977-78	4	3	52	248	442	970	1181	1136	904	536	265	43	5784
1978-79	4	0	92	290	524	889	1062	1126	675	460	114	23	5259
1979-80	8	13	84	360	523	833	1025	1064	862	499	159	39	5469
1980-81	0	0	41	297	646	1038	1320	865	831	465	214	18	5735
1981-82	0	1	102	445	619	959	1297	897	832	556	164	72	5944
1982-83	1	19	66	371	530	809	1034	914	754	501	280	29	5308
1983-84	0	8	73	320	550	981	1188	819	952	508	227	18	5644
1984-85	0	0	104	219	593	761	1197	908	713	423	138	43	5099
1985-86	0	2	54	278	541	1032	1060	997	772	425	174	41	5376
1986-87	3	23	68	345	673	908	1077	975	727	434	232	23	5488
1987-88	0	10	53	417	596	867	1186	974	787	499	195	45	5629
1988-89	6	3	62	449	569	995	958	945	804	505	180	19	5495
1989-90	0	7	88	305	648	1285	869	836	766	476	243	12	5535
1990-91	5	1	77	208	546	771	1023	799	700	396	106	14	4646
1991-92	0	0	91	268	566	871	1012	895	859	548	225	23	5358
1992-93	4	3	80	393	599	892	966	1036	871	465	127	27	5463
1993-94	2	0	89	358	597	909	1283	1080	843	425	208	7	5801
1994-95	0	1	39	306	473	807	905	993	724	498	203	6	4955
1995-96	0	0	56	204	695	1075	1128	984	888	484	258	15	5787
1996-97	0	1	62	334	721	794	1073	768	810	502	268	65	5398
1997-98	2	0	70	351	678	908	869	752	739	464	165	52	5050
1998-99	0	0	39	298	574	790	1047	857	780	452	179	14	5030
1999-00	0	5	36	343	507	839	1121	893	669	516	192	45	5166
2000-01	0	2	100	338	634	1090	1093	911	875	457	173	13	5686
2001-02	0	0	58	278	469	725	880	782	751	422	247	41	4653
2002-	0	3	23	367	657	962							

WBAN : 94702

COOLING DEGREE DAYS (base 65°F) 2002 BRIDGEPORT, CT (BDR)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1973	0	0	0	0	6	177	324	342	131	21	0	0	1001
1974	0	0	0	6	20	135	353	320	95	0	0	0	929
1975	0	0	0	0	50	108	300	285	46	11	4	0	804
1976	0	0	0	10	6	205	204	266	78	6	0	0	775
1977	0	0	0	0	24	70	249	290	143	5	0	0	781
1978	0	0	0	0	19	93	264	318	76	1	0	0	771
1979	0	0	0	0	16	79	288	259	85	4	0	0	731
1980	0	0	0	0	23	114	338	346	148	6	0	0	975
1981	0	0	0	0	24	116	286	205	44	0	0	0	675
1982	0	0	0	0	9	46	253	158	45	2	0	0	513
1983	0	0	0	0	0	116	296	267	149	20	0	0	848
1984	0	0	0	0	7	207	258	313	61	0	0	0	846
1985	0	0	0	3	19	71	276	251	110	8	0	0	738
1986	0	0	0	0	60	103	263	204	66	18	0	0	714
1987	0	0	0	0	46	140	312	205	64	0	0	0	767
1988	0	0	0	0	30	148	339	341	57	6	0	0	921
1989	0	0	0	0	18	131	219	218	102	0	0	0	688
1990	0	0	0	10	0	142	288	282	104	47	0	0	873
1991	0	0	0	7	98	178	328	310	101	18	0	0	1040
1992	0	0	0	0	17	94	200	179	85	0	0	0	575
1993	0	0	0	0	22	182	371	324	117	1	2	0	1019
1994	0	0	0	0	17	215	423	225	57	0	0	0	937
1995	0	0	0	0	11	125	378	311	94	15	0	0	934
1996	0	0	0	0	31	119	199	241	104	0	0	0	694
1997	0	0	0	0	0	154	261	209	80	15	0	0	719
1998	0	0	0	0	45	112	279	292	118	0	0	0	846
1999	0	0	0	0	20	173	389	254	107	1	0	0	944
2000	0	0	0	0	31	156	176	191	97	2	0	0	653
2001	0	0	0	0	35	202	212	345	98	11	0	0	903
2002	0	0	0	17	13	160	346	318	115	22	0	0	991

SNOWFALL (inches) 2002 BRIDGEPORT, CT (BDR)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1973-74	0.0	0.0	0.0	0.0	T	0.2	16.6	8.8	8.4	T	0.0	0.0	34.0
1974-75	0.0	0.0	0.0	0.0	0.4	2.3	2.5	10.4	1.8	0.1	0.0	0.0	17.5
1975-76	0.0	0.0	0.0	0.0	T	8.6	12.3	3.1	5.4	0.0	0.0	0.0	29.4
1976-77	0.0	0.0	0.0	0.0	T	6.5	10.3	5.8	4.7	T	T	0.0	27.3
1977-78	0.0	0.0	0.0	0.0	1.0	3.5	23.2	15.9	9.1	0.0	0.0	0.0	52.7
1978-79	0.0	0.0	0.0	0.0	2.2	1.2	6.1	8.6	T	0.0	0.0	0.0	18.1
1979-80	0.0	0.0	0.0	T	0.0	0.9	0.7	1.7	6.3	0.0	0.0	0.0	9.6
1980-81	0.0	0.0	0.0	0.0	1.0	3.6	5.4	T	1.5	0.0	0.0	0.0	11.5
1981-82	0.0	0.0	0.0	0.0	0.0	3.1	9.0	T	1.6	6.0	0.0	0.0	19.7
1982-83	0.0	0.0	0.0	0.0	0.0	3.2	5.1	14.2	T	0.5	0.0	0.0	23.0
1983-84	0.0	0.0	0.0	0.0	T	0.6	11.5	T	8.4	0.0	0.0	0.0	20.5
1984-85	0.0	0.0	0.0	0.0	T	1.5	11.2	6.5	0.5	0.0	0.0	0.0	19.7
1985-86	0.0	0.0	0.0	0.0	1.0	3.5	2.0	11.0	T	T	0.0	0.0	17.5
1986-87	0.0	0.0	0.0	0.0	1.8	3.3	11.4	2.9	2.7	0.0	0.0	0.0	22.1
1987-88	0.0	0.0	0.0	0.5	0.9	1.8	15.5	2.1	2.1	T	0.0	0.0	22.9
1988-89					0.0	7.5	1.6	2.1	1.8	0.0	0.0	0.0	
1989-90	0.0	0.0	0.0	0.0	6.6	4.1	5.2	9.3	4.4	1.7	0.0	0.0	31.3
1990-91	0.0	0.0	0.0	0.0	0.0	7.1	6.3	5.6	3.0	0.0	0.0	0.0	22.0
1991-92	T	0.0	0.0	0.0	0.0	2.1	1.8	2.4	10.2	0.0	0.0	0.0	16.5
1992-93	0.0	T	0.0	0.0	0.0	2.4	3.3	9.5	13.7	0.0	0.0	0.0	28.9
1993-94	0.0	0.0	0.0	0.0	0.0	1.9	17.3	27.9	7.9	0.0	0.0	0.0	55.0
1994-95	0.0	0.0	0.0	0.0	T	T	1.3	8.0	T	T	0.0	0.0	9.3
1995-96	0.0	0.0	0.0	0.0	2.6	13.8	20.5	16.8	10.2	11.8			
1996-97				0.0	T		3.8	2.1	3.8	4.0			
1997-98													
1998-99													
1999-00													
2000-01													
2001-02													
2002-													
POR= 47 YRS	T	T	0.0	0.0	0.6	4.6	7.4	7.6	4.8	0.8	T	0.0	25.8

WBAN : 94702

REFERENCE NOTES:

<p>PAGE 1: THE TEMPERATURE GRAPH SHOWS NORMAL MAXIMUM AND NORMAL MINIMUM DAILY TEMPERATURES (SOLID CURVES) AND THE ACTUAL DAILY HIGH AND LOW TEMPERATURES (VERTICAL BARS).</p> <p>PAGE 2 AND 3: H/C INDICATES HEATING AND COOLING DEGREE DAYS. RH INDICATES RELATIVE HUMIDITY W/O INDICATES WEATHER AND OBSTRUCTIONS S INDICATES SUNSHINE. PR INDICATES PRESSURE. CLOUDINESS ON PAGE 3 IS THE SUM OF THE CEILOMETER AND SATELLITE DATA NOT TO EXCEED EIGHT EIGHTHS(OKTAS).</p> <p>GENERAL: T INDICATES TRACE PRECIPITATION, AN AMOUNT GREATER THAN ZERO BUT LESS THAN THE LOWEST REPORTABLE VALUE. + INDICATES THE VALUE ALSO OCCURS ON EARLIER DATES. BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA. NORMALS ARE 30-YEAR AVERAGES (1961 - 1990). ASOS INDICATES AUTOMATED SURFACE OBSERVING SYSTEM. PM INDICATES THE LAST DAY OF THE PREVIOUS MONTH. POR (PERIOD OF RECORD) BEGINS WITH THE JANUARY DATA MONTH AND IS THE NUMBER OF YEARS USED TO COMPUTE THE MEAN. INDIVIDUAL MONTHS WITHIN THE POR MAY BE MISSING. WHEN THE POR FOR A NORMAL IS LESS THAN 30 YEARS, THE NORMAL IS PROVISIONAL AND IS BASED ON THE NUMBER OF YEARS INDICATED. 0.* OR * INDICATES THE VALUE OR MEAN-DAYS-WITH IS BETWEEN 0.00 AND 0.05. CLOUDINESS FOR ASOS STATIONS DIFFERS FROM THE NON-ASOS OBSERVATION TAKEN BY A HUMAN OBSERVER. ASOS STATION CLOUDINESS IS BASED ON TIME-AVERAGED CEILOMETER DATA FOR CLOUDS AT OR BELOW 12,000 FEET AND ON SATELLITE DATA FOR CLOUDS ABOVE 12,000 FEET. THE NUMBER OF DAYS WITH CLEAR, PARTLY CLOUDY, AND CLOUDY CONDITIONS FOR ASOS STATIONS IS THE SUM OF THE CEILOMETER AND SATELLITE DATA FOR THE SUNRISE TO SUNSET PERIOD.</p>	<p>GENERAL CONTINUED: CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS. WHEN AT LEAST ONE OF THE ELEMENTS (CEILOMETER OR SATELLITE) IS MISSING, THE DAILY CLOUDINESS IS NOT COMPUTED. WIND DIRECTION IS RECORDED IN TENS OF DEGREES (2 DIGITS) CLOCKWISE FROM TRUE NORTH. "00" INDICATES CALM. "36" INDICATES TRUE NORTH. RESULTANT WIND IS THE VECTOR AVERAGE OF THE SPEED AND DIRECTION. AVERAGE TEMPERATURE IS THE SUM OF THE MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURE DIVIDED BY 2. SNOWFALL DATA COMPRISE ALL FORMS OF FROZEN PRECIPITATION, INCLUDING HAIL. A HEATING (COOLING) DEGREE DAY IS THE DIFFERENCE BETWEEN THE AVERAGE DAILY TEMPERATURE AND 65° F. DRY BULB IS THE TEMPERATURE OF THE AMBIENT AIR. DEW POINT IS THE TEMPERATURE TO WHICH THE AIR MUST BE COOLED TO ACHIEVE 100 PERCENT RELATIVE HUMIDITY. WET BULB IS THE TEMPERATURE THE AIR WOULD HAVE IF THE MOISTURE CONTENT WAS INCREASED TO 100 PERCENT RELATIVE HUMIDITY.</p> <p>ON JULY 1, 1996, THE NATIONAL WEATHER SERVICE BEGAN USING THE "METAR" OBSERVATION CODE THAT WAS ALREADY EMPLOYED BY MOST OTHER NATIONS OF THE WORLD. THE MOST NOTICEABLE DIFFERENCE IN THIS ANNUAL PUBLICATION WILL BE THE CHANGE IN UNITS FROM TENTHS TO EIGHTS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER.</p>
---	--

2002
BRIDGEPORT,
CONNECTICUT (BDR)

The airport is located on Stratford Point, a peninsula jutting out into Long Island Sound. Station instrumentation is located approximately 1 mile from the sound. Land around the airport is flat, with marshes to the south. The terrain is of glacial origin, rising in a rolling, mostly wooded manner, to the foothills of the Berkshires, 30 miles to the north and northwest.

Cities in close proximity to the station are Bridgeport, Fairfield, and Milford, while Danbury, New Haven, Norwalk and Stamford are located within a 35-mile radius.

The most pronounced topographical effect is the land-sea breeze, an occurrence generally associated with the spring through early autumn months.

Mean monthly temperatures during the summer months average 3 to 5 degrees lower than nearby inland stations because of the sea-breeze effect. Temperatures during the fall and winter months are moderated because of the proximity of Long Island Sound.

Winter snowfall is generally around 10 inches less than areas a few miles inland, also due to the proximity of the station to Long Island Sound.

One of the hazards along the coastal areas is the flooding of low-lying areas (usually during periods of high tide) with the approach of slow-moving deepening low pressure systems, resulting in 3 to 5 feet higher tides than normal.

STATION LOCATION

BRIDGEPORT, CONNECTICUT

LOCATION	Occupied From	Occupied To	Airline Distances and Directions from previous Location	LATITUDE		ELEVATION ABOVE											* TYPE	REMARKS	
				NORTH	WEST	SEA LEVEL	GROUND												AUTOMATED OBSERVING * EQUIPMENT
							GROUND	WIND INSTRUMENT	EXTREME THERMOMETERS	PSYCHROMETER	SUNSHINE SWITCH	TIPPING GAUGE	WEIGHING RAIN GAGE	8 INCH RAIN GAGE	HYGROMETER				
*NOTES:																			
<u>AIRPORT</u>																			
Administration Building Municipal Airport Bridgeport, Connecticut	3/19/38	2/3/48	4.2 mi. SE	41° 10'	73° 08'	7	27		5							4			
2nd Floor, Adm. Building Municipal Airport Bridgeport, Connecticut	2/3/48	6/19/61	Same	41° 10'	73° 08'	7	48	5	5					3	3				
Bridgeport Municipal AP+ Stratford, Connecticut	6/19/61	5/01/96	1400 ft. SW	41° 10'	73° 08'	7	84 f33 g80 j27	45 b4 h45	45 b4 h45 i	NA	NA c4 m4	50 d4 e45	4 e45	NA a4 k4	NA	NA	a. Commissioned 710 feet NNE of thermometer site 6/30/65. b. Moved to field site 6/30/65. c. Installed 11/24/65. d. Moved to field site 11/5/66. e. Moved to roof 7/15/70. f. Moved from roof to a mast E of runways 4/18/74. Equipment inoperative 4/1976. g. Effective 4/1976. h. Returned to roof site 4/1978. i. Removed prior to 6/1980. j. Moved to Center Field 10/30/81. k. Type change 7/10/85. m. Shield removed 7/10/85.		
+Sikorsky Memorial AP (Effective 1973)																			
Sikorsky Memorial AP	5/01/96	Present	NA	41°11'	73°09'	n8										S	ASOS Commissioned 05/01/96 n. Ground elevation.		

For Hard Copy Subscription:

Price and ordering information: NCDC Subscribing Service Center, 310 State Route 956, Building 300, Rocket Center, WV 26726.

INQUIRIES/COMMENTS CALL: Toll Free (866) 742-3322

Visit our Web Site for other weather data: www.ncdc.noaa.gov

Non-Subscription Request:

NCDC Customer Services;
Phone: 828-271-4800
Fax: 828-271-4876
Email: ncdc.orders@noaa.gov

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300
CHANGE SERVICE REQUESTED

**FIRST CLASS
POSTAGE & FEES PAID
United States Department of Commerce
NOAA Permit No. G - 19**

* NOTES: For earlier station history see previous edition.