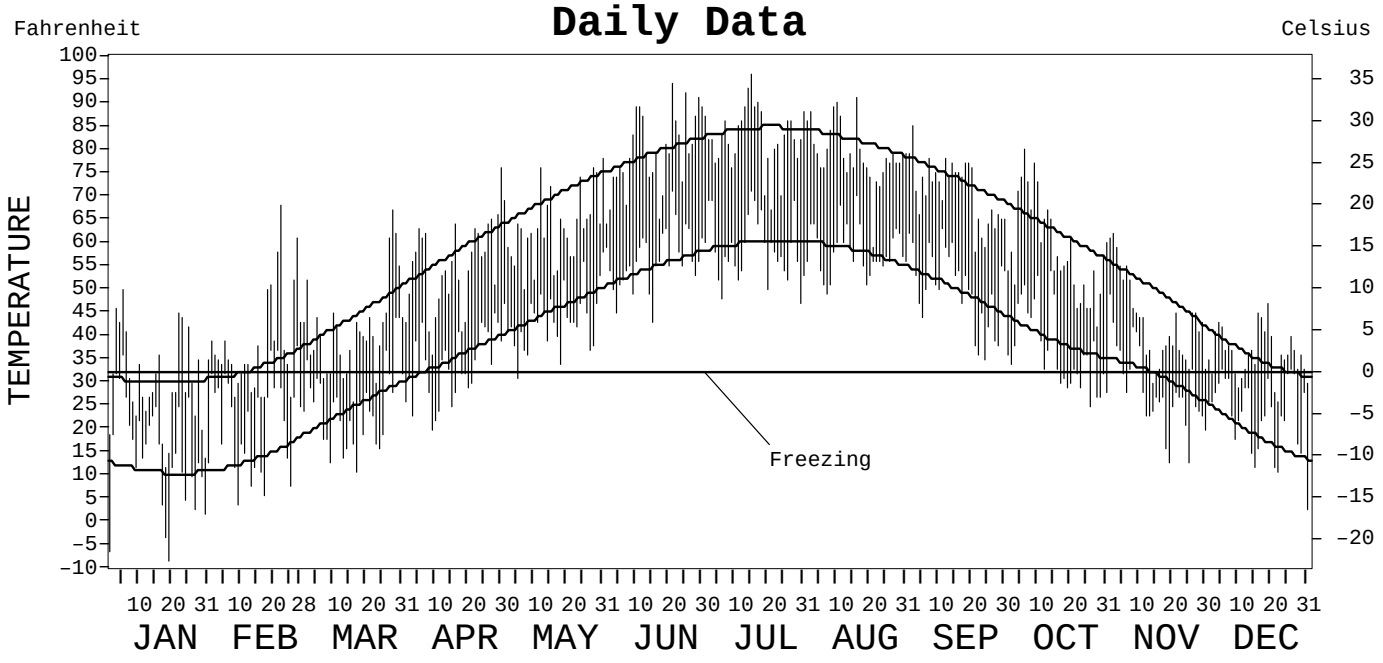
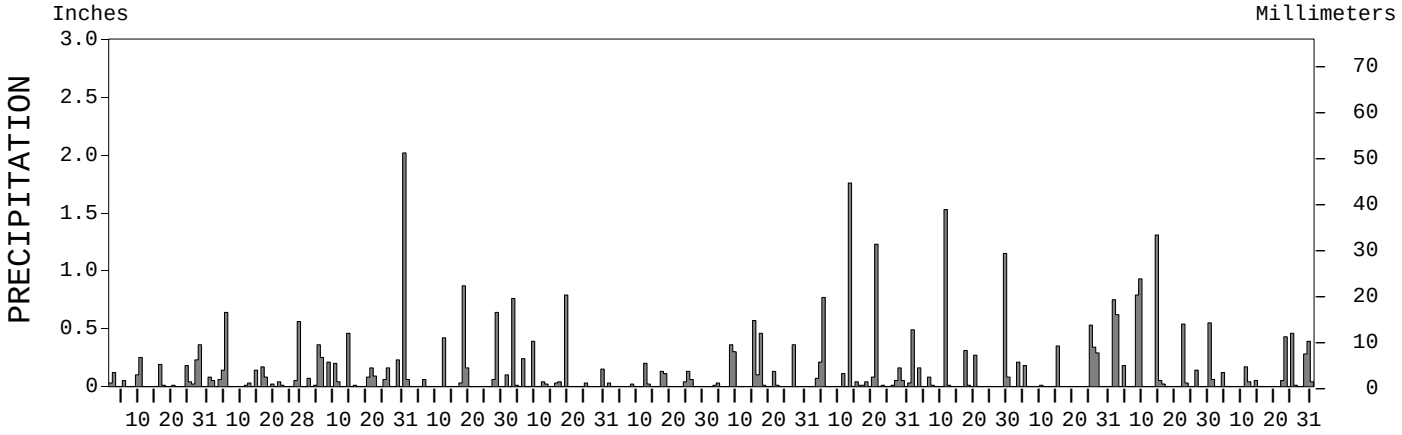
1997 LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA

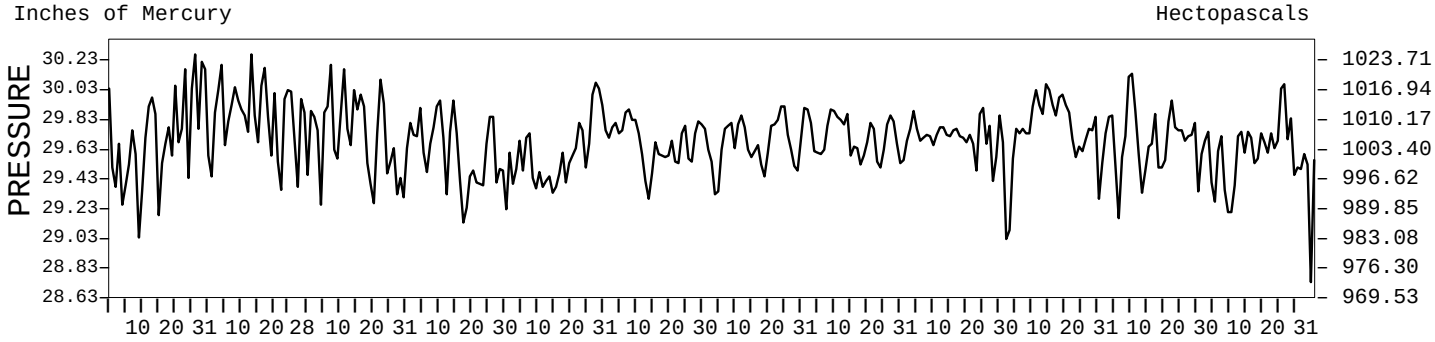
ISSN 0198-3547

ALBANY,
NEW YORK (ALB)

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.

Kenneth D. Hinckson

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER
ASHEVILLE, NORTH CAROLINA

ACTING DIRECTOR
NATIONAL CLIMATIC DATA CENTER

METEOROLOGICAL DATA FOR

ALBANY, NY (ALB)

LATITUDE: 42° 44′ 53″ N LONGITUDE: 73° 48′ 12″ W ELEVATION (FT): GRND: 275 BARO: 296 TIME ZONE: EASTERN (UTC+ 5) WBAN: 14735

	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	MEAN DAILY MAXIMUM	30.2	38.5	41.5	54.9	63.5	79.4	82.5	78.9	71.0	58.7	43.0	36.3	56.5
	HIGHEST DAILY MAXIMUM	50	68	67	76	78	94	96	91	85	80	62	47	96
	DATE OF OCCURRENCE	5	22	28	30	31	21	15	16	02	06	02	19	JUL 15
	MEAN DAILY MINIMUM	15.1	22.2	24.8	33.5	43.6	56.4	58.7	58.2	50.3	37.2	28.5	23.3	37.6
	LOWEST DAILY MINIMUM	−8	4	11	20	31	43	47	49	35	25	13	3	−8
	DATE OF OCCURRENCE	19	9	17	9	5	15	30	7	24	26	25+	31	JAN 19
	AVERAGE DRY BULB	22.7	30.4	33.2	44.2	53.6	67.9	70.6	68.6	60.7	48.0	35.8	29.8	47.1
	MEAN WET BULB	21.1	27.6	30.0	39.0	47.2	61.1	64.2	63.3	57.3	45.1	34.2	27.8	43.2
	MEAN DEW POINT	15.2	21.7	23.5	30.7	39.9	55.6	59.8	59.9	54.6	41.6	31.0	23.3	38.1
	NUMBER OF DAYS WITH:													
	MAXIMUM ≥ 90°	0	0	0	0	0	3	3	2	0	0	0	0	8
	MAXIMUM ≤ 32°	20	8	7	0	0	0	0	0	0	0	2	7	44
	MINIMUM ≤ 32°	30	25	27	14	1	0	0	0	0	11	21	29	158
	MINIMUM ≤ 0°	3	0	0	0	0	0	0	0	0	0	0	0	3
H/C	HEATING DEGREE DAYS	1306	961	977	616	350	35	3	11	152	521	872	1083	6887
	COOLING DEGREE DAYS	0	0	0	0	3	128	186	129	28	1	0	0	475
RH	MEAN (PERCENT)	72	71	69	62	63	66	70	77	82	80	82	77	73
	HOUR 01 LST	73	76	74	73	69	79	85	91	90	91	85	82	81
	HOUR 07 LST	78	78	77	74	72	76	79	87	91	92	88	82	81
	HOUR 13 LST	69	64	60	50	51	53	51	59	67	63	74	68	61
	HOUR 19 LST	70	70	66	53	56	57	63	72	79	77	81	76	68
S	PERCENT POSSIBLE SUNSHINE													
W/O	NUMBER OF DAYS WITH:													
	HEAVY FOG(VISBY ≤ 1/4 MI)	0	0	1	1	0	0	1	0	3	6	1	2	15
	THUNDERSTORMS	0	0	1	0	5	2	6	6	3	0	1	0	24
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.)	29.70	29.84	29.71	29.60	29.58	29.67	29.67	29.70	29.67	29.79	29.66	29.57	29.68
	MEAN SEA-LEVEL PRESS. (IN.)	30.03	30.17	30.03	29.92	29.90	29.98	29.98	30.01	29.98	30.10	29.98	29.90	30.00
WINDS	RESULTANT SPEED (MPH)	5.6	4.1	5.8	6.2	5.0	2.4	2.6	1.2	2.4	2.2	2.7	4.1	3.6
	RES. DIR. (TENS OF DEGS.)	28	29	29	31	28	25	28	25	27	28	29	30	29
	MEAN SPEED (MPH)	10.3	8.8	10.7	8.7	10.2	6.2	6.6	5.6	6.2	6.1	7.2	7.1	7.8
	PREVAIL.DIR.(TENS OF DEGS.)	30	30	29	29	29	18	29	17	18	18	17	29	29
	MAXIMUM 2-MINUTE WIND:													
	SPEED (MPH)	37	44	46	30	36	25	29	30	34	31	37	33	46
	DIR. (TENS OF DEGS.)	29	29	30	30	30	23	27	32	27	30	29	28	30
	DATE OF OCCURRENCE	16+	22	06	07	22+	12+	17	05	29	27+	27	02	MAR 06
	MAXIMUM 5-SECOND WIND:													
	SPEED (MPH)	47	56	56	39	47	30	33	36	48	40	51	43	56
	DIR. (TENS OF DEGS.)	30	29	27	31	31	30	28	32	25	29	28	29	27
	DATE OF OCCURRENCE	28	20	06	08	22	22+	17	05	29	22	27	14	MAR 06
PRECIPITATION	WATER EQUIVALENT:													
	TOTAL (IN.)	1.67	2.00	4.41	2.30	2.60	0.74	2.34	4.64	4.10	1.91	5.91	2.10	34.72
	GREATEST 24-HOUR (IN.)	0.58	0.68	2.02	0.93	0.79	0.22	0.65	1.76	1.54	0.63	1.31	0.67	2.02
	DATE OF OCCURRENCE	27-28	4-5	31	18-19	19-20	12-13	15-16	13	11-12	26-27	14	29-30	MAR 31
	NUMBER OF DAYS WITH:													
	PRECIPITATION ≥ 0.01	14	14	16	8	12	9	11	17	11	7	12	12	143
	PRECIPITATION ≥ 0.10	7	5	9	4	6	4	7	6	6	6	9	6	75
	PRECIPITATION ≥ 1.00	0	0	1	0	0	0	0	2	2	0	1	0	6
SNOWFALL	SNOW,ICE PELLETS,HAIL:													
	TOTAL (IN.)	16.7	8.2	23.6	3.0	0.0	0.0	0.0	0.0	0.0	T	11.8	14.7	78.0
	GREATEST 24-HOUR (IN.)	6.8	3.4	14.6	1.9	0.0	0.0	0.0	0.0	0.0	T	8.6	5.8	14.6
	DATE OF OCCURRENCE	27-28	16-17	31	18						22	14	29-30	MAR 31
	MAXIMUM SNOW DEPTH (IN.)	6	3	2	11	0	0	0	0	0	0	9	6	11
	DATE OF OCCURRENCE	02	18+	17+	01							17+	30+	APR 01
	NUMBER OF DAYS WITH:													
	SNOWFALL ≥ 1.0	6	4	4	1	0	0	0	0	0	0	2	5	22

NORMALS, MEANS, AND EXTREMES

ALBANY, NY (ALB)

LATITUDE: 42° 44′ 53″ N LONGITUDE: 73° 48′ 12″ W ELEVATION (FT): GRND: 275 BARO: 296 TIME ZONE: EASTERN (UTC+ 5) WBAN: 14735

	ELEMENT	POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE F	NORMAL DAILY MAXIMUM	30	30.2	33.2	44.0	57.5	69.7	79.0	84.0	81.4	73.2	61.8	48.7	34.9	58.1
	MEAN DAILY MAXIMUM	52	30.8	33.3	43.4	57.5	69.3	78.2	83.1	80.7	72.5	61.6	47.9	35.1	57.8
	HIGHEST DAILY MAXIMUM	51	65	68	86	92	94	99	100	99	100	89	82	71	100
	YEAR OF OCCURRENCE		1995	1997	1986	1990	1981	1952	1953	1955	1953	1963	1950	1984	SEP 1953
	MEAN OF EXTREME MAXS.	52	50.8	51.9	66.5	79.3	86.6	91.7	93.6	91.7	87.3	78.8	67.7	54.2	75.0
	NORMAL DAILY MINIMUM	30	11.0	13.8	24.5	35.1	45.4	54.6	59.6	57.8	49.4	38.6	30.7	18.2	36.6
	MEAN DAILY MINIMUM	52	12.9	14.6	24.5	35.7	45.8	55.0	59.9	57.9	49.8	39.4	30.8	19.1	37.1
	LOWEST DAILY MINIMUM	51	-28	-21	-21	10	26	36	40	34	24	16	5	-22	-28
	YEAR OF OCCURRENCE		1971	1973	1948	1965	1968	1986	1978	1982	1947	1969	1972	1969	JAN 1971
	MEAN OF EXTREME MINS.	52	-9.3	-8.5	5.2	21.6	31.6	40.3	47.4	44.4	33.5	24.0	14.6	-3.7	20.1
	NORMAL DRY BULB	30	20.6	23.5	34.3	46.4	57.6	66.9	71.8	69.6	61.3	50.2	39.7	26.5	47.4
	MEAN DRY BULB	52	21.8	23.9	33.9	46.7	57.6	66.6	71.5	69.3	61.1	50.5	39.3	27.1	47.4
	MEAN WET BULB	14	21.5	22.9	30.6	41.8	51.8	60.5	65.5	64.1	56.6	46.1	36.0	24.2	43.5
	MEAN DEW POINT	14	15.5	15.9	22.8	33.9	45.4	55.6	61.6	60.5	53.1	41.7	30.9	19.1	38.0
	NORMAL NO. DAYS WITH:														
	MAXIMUM ≥ 90°	30	0.0	0.0	0.0	0.2	0.5	1.9	4.5	2.0	0.6	0.0	0.0	0.0	9.7
	MAXIMUM ≤ 32°	30	17.3	13.4	3.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2	12.2	48.2
	MINIMUM ≤ 32°	30	29.6	25.9	24.4	12.5	1.7	0.0	0.0	0.0	0.7	8.4	18.1	27.7	149.0
	MINIMUM ≤ 0°	30	6.9	4.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	14.1
H/C	NORMAL HEATING DEG. DAYS	30	1376	1162	952	558	247	34	0	12	141	459	759	1194	6894
	NORMAL COOLING DEG. DAYS	30	0	0	0	0	18	91	213	155	30	0	0	0	507
RH	NORMAL (PERCENT)	30	71	68	65	61	66	70	70	74	76	72	73	74	70
	HOUR 01 LST	30	76	74	72	71	77	82	84	87	87	82	79	78	79
	HOUR 07 LST	30	77	76	75	72	75	78	80	86	88	85	81	80	79
	HOUR 13 LST	30	63	59	54	49	51	55	54	57	58	56	62	66	57
	HOUR 19 LST	30	70	66	61	56	58	62	63	69	74	71	72	73	66
S	PERCENT POSSIBLE SUNSHINE	57	46	52	54	54	56	60	64	60	57	52	37	39	53
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG(VISBY≤1/4 MI)	60	1.2	1.0	1.3	0.8	1.3	1.2	1.4	2.5	3.4	3.9	1.6	1.7	21.3
	THUNDERSTORMS	60	0.1	0.1	0.5	1.3	3.2	5.2	6.1	4.4	2.2	0.9	0.3	0.1	24.4
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)	0			5.6		6.4	6.4							
	MIDNIGHT-MIDNIGHT (OKTAS)	0			6.4										
	MEAN NO. DAYS WITH:														
	CLEAR	0													
	PARTLY CLOUDY	0													
	CLOUDY	0													
PR	MEAN STATION PRESSURE(IN)	25	29.70	29.71	29.70	29.70	29.70	29.70	29.70	29.70	29.79	29.80	29.79	28.65	29.64
	MEAN SEA-LEVEL PRES. (IN)	14	30.08	30.08	30.06	29.97	29.98	29.96	29.99	30.05	30.08	30.10	30.10	27.93	29.86
WINDS	MEAN SPEED (MPH)	59	9.8	10.2	10.5	10.4	9.0	8.2	7.6	7.1	7.5	8.1	9.2	9.4	8.9
	PREVAIL.DIR(TENS OF DEGS)	26	30	30	29	29	18	17	18	18	18	18	18	30	18
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	2	38	44	46	32	36	31	32	30	34	31	37	33	46
	DIR. (TENS OF DEGS)		31	29	30	28	30	27	29	32	27	29	29	30	30
	YEAR OF OCCURRENCE		1996	1997	1997	1996	1997	1996	1996	1997	1997	1996	1997	1996	MAR 1997
	MAXIMUM 5-SECOND:														
	SPEED (MPH)	2	47	56	56	43	47	37	44	36	48	40	51	44	56
	DIR. (TENS OF DEGS)		30	29	27	32	31	28	32	32	25	28	28	17	27
	YEAR OF OCCURRENCE		1997	1997	1997	1996	1997	1996	1996	1997	1997	1996	1997	1996	MAR 1997
PRECIPITATION	NORMAL (IN)	30	2.36	2.27	2.93	2.99	3.41	3.62	3.18	3.47	2.95	2.83	3.23	2.93	36.17
	MAXIMUM MONTHLY (IN)	51	6.44	5.02	5.90	7.95	8.96	7.36	6.96	7.33	7.89	8.83	8.07	6.73	8.96
	YEAR OF OCCURRENCE		1978	1981	1977	1983	1953	1973	1975	1950	1960	1955	1972	1973	MAY 1953
	MINIMUM MONTHLY (IN)	51	0.42	0.24	0.26	1.14	1.05	0.65	0.49	0.73	0.40	0.20	0.91	0.64	0.20
	YEAR OF OCCURRENCE		1980	1987	1981	1963	1980	1964	1968	1947	1964	1963	1978	1958	OCT 1963
	MAXIMUM IN 24 HOURS (IN)	51	1.91	1.74	2.38	2.20	2.17	3.48	3.49	4.52	3.66	3.31	2.26	4.02	4.52
	YEAR OF OCCURRENCE		1978	1990	1986	1968	1968	1952	1996	1971	1960	1987	1991	1948	AUG 1971
	NORMAL NO. DAYS WITH:														
	PRECIPITATION ≥ 0.01	30	11.7	10.3	11.8	11.6	13.2	11.8	10.0	10.6	9.6	8.9	12.4	12.7	134.6
	PRECIPITATION ≥ 1.00	30	0.3	0.3	0.4	0.6	0.4	0.7	0.7	0.6	0.8	0.7	0.5	0.3	6.3
SNOWFALL	NORMAL (IN)	30	16.8	14.1	10.2	2.8	0.1	0.0	0.0	0.0	0.0	0.2	5.0	16.7	65.9
	MAXIMUM MONTHLY (IN)	51	47.8	34.5	34.7	17.7	1.6	T	T	0.0	T	6.5	24.6	57.5	57.5
	YEAR OF OCCURRENCE		1987	1962	1956	1982	1977	1991	1995		1989	1987	1972	1969	DEC 1969
	MAXIMUM IN 24 HOURS (IN)	51	21.2	17.9	26.6	17.5	1.6	T	T	0.0	T	6.5	21.9	18.3	26.6
	YEAR OF OCCURRENCE		1983	1958	1993	1982	1977	1991	1995		1989	1987	1971	1966	MAR 1993
	MAXIMUM SNOW DEPTH (IN)	49	36	22	28	13	0	0	0	0	0	2	18	36	36
	YEAR OF OCCURRENCE		1970	1971	1993	1982						1987	1971	1969	DEC 1969
	NORMAL NO. DAYS WITH:														
	SNOWFALL ≥ 1.0	30	4.0	3.2	2.3	0.6	0.1	0.0	0.0	0.0	0.0	0.*	1.1	4.5	15.8

PRECIPITATION (inches) 1997 ALBANY, NEW YORK (ALB)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1968	1.48	0.36	2.62	2.64	4.79	4.38	0.49	1.77	1.49	2.18	5.48	4.60	32.28
1969	2.13	1.66	1.32	3.51	2.64	5.30	5.08	2.18	2.06	1.55	5.56	6.51	39.50
1970	0.81	1.98	2.87	3.01	1.78	3.14	1.93	3.35	3.79	2.49	1.48	3.89	30.52
1971	1.78	4.10	3.11	2.00	3.48	2.81	3.89	7.04	2.40	2.09	3.78	3.09	39.57
1972	1.21	3.04	4.05	3.63	5.98	6.84	3.10	1.48	1.99	3.60	8.07	4.19	47.18
1973	2.16	1.34	1.99	4.47	5.45	7.36	1.68	2.89	1.33	2.07	1.27	6.73	38.74
1974	2.04	2.12	3.10	2.80	3.47	3.31	4.84	3.53	5.37	1.49	3.83	2.57	38.47
1975	2.75	3.58	2.72	2.18	2.96	3.80	6.96	5.98	4.57	5.88	2.89	2.78	47.05
1976	3.78	2.60	3.57	3.63	4.89	5.37	2.60	5.04	2.61	5.65	1.41	1.39	42.54
1977	1.51	2.63	5.90	3.41	2.29	2.87	2.31	3.66	6.66	4.00	4.85	4.21	44.30
1978	6.44	0.88	1.99	1.68	1.96	4.60	4.04	3.06	1.87	2.95	0.91	3.08	33.46
1979	6.37	1.71	1.83	3.89	4.13	1.94	2.78	2.67	4.05	3.42	3.41	0.94	37.14
1980	0.42	0.89	4.44	3.02	1.05	4.90	2.69	6.45	2.24	2.27	2.99	1.23	32.59
1981	0.59	5.02	0.26	1.99	2.44	2.78	3.50	1.76	3.45	3.55	1.56	3.54	30.44
1982	3.18	2.14	3.23	2.46	2.60	6.48	2.43	2.01	1.42	0.99	3.80	1.33	32.07
1983	3.73	2.03	5.33	7.95	6.26	1.95	1.34	3.41	2.28	2.18	4.73	5.10	46.29
1984	1.28	2.98	3.04	4.29	7.92	1.74	3.97	3.25	1.53	2.50	2.15	2.48	37.13
1985	0.81	1.18	3.67	1.44	2.71	4.12	1.86	2.23	3.07	1.81	5.00	2.05	29.95
1986	3.17	3.00	3.72	1.49	3.11	5.43	6.68	4.09	2.61	2.12	4.62	3.92	43.96
1987	4.23	0.24	1.99	4.25	1.57	3.54	2.50	3.67	6.98	6.90	1.78	1.64	39.29
1988	1.95	3.00	1.62	2.22	2.95	1.42	3.12	4.77	1.50	1.40	4.58	1.02	29.55
1989	0.46	1.60	2.69	2.68	5.92	6.52	5.91	2.90	2.81	5.53	1.90	0.75	39.67
1990	3.84	3.94	3.66	3.87	6.12	2.66	1.68	6.66	1.81	4.60	3.67	3.50	46.01
1991	2.15	1.67	2.53	4.14	2.74	1.69	1.65	4.32	3.33	3.82	4.76	2.92	35.72
1992	1.86	1.30	1.66	2.77	3.61	1.96	4.26	2.05	2.43	2.80	3.66	3.02	31.38
1993	2.14	2.86	5.12	5.39	1.37	2.87	6.55	1.54	3.22	3.31	3.80	3.08	41.25
1994	3.20	1.80	4.27	3.45	3.27	3.26	4.25	4.13	2.15	0.83	1.53	2.58	34.72
1995	2.11	1.95	2.20	1.94	1.35	2.27	2.23	3.66	2.28	8.03	3.76	2.30	34.08
1996	5.08	1.49	2.10	5.76	4.24	3.60	6.46	3.15	5.07	2.03	2.91	4.50	46.39
1997	1.67	2.00	4.41	2.30	2.60	0.74	2.34	4.64	4.10	1.91	5.91	2.10	34.72
POR= 172 YRS	2.49	2.34	2.78	2.87	3.33	3.64	3.61	3.51	3.22	2.98	2.92	2.61	36.30

WBAN : 14735

AVERAGE TEMPERATURE (°F) 1997 ALBANY, NEW YORK (ALB)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1968	14.7	21.1	37.1	51.1	54.9	66.7	72.7	68.6	63.7	53.3	38.5	23.5	47.2
1969	20.9	24.7	31.1	47.6	56.3	66.0	69.7	70.6	62.4	49.0	39.7	21.6	46.6
1970	9.7	23.1	32.0	48.7	60.5	65.9	72.0	69.6	63.3	52.9	41.9	21.6	46.8
1971	13.9	25.4	30.6	42.3	54.9	66.3	68.4	66.8	64.8	54.7	36.9	30.0	46.3
1972	22.9	21.1	30.5	41.2	59.5	63.6	70.9	67.2	60.7	45.7	35.1	28.9	45.6
1973	27.0	22.0	41.9	48.8	55.3	68.7	72.8	72.9	60.5	51.0	39.9	28.2	49.1
1974	23.3	21.3	32.4	48.1	54.1	65.0	69.3	67.9	58.3	44.4	38.6	28.9	46.0
1975	25.7	24.9	30.8	40.7	61.9	65.1	72.8	70.0	59.4	53.3	45.5	26.1	48.0
1976	16.0	31.5	36.7	49.7	55.0	69.4	68.5	67.4	59.0	46.5	34.9	21.4	46.3
1977	15.5	24.5	40.0	46.8	60.2	64.6	71.7	67.8	61.4	49.7	42.6	26.7	47.6
1978	21.5	18.2	30.8	43.4	58.4	64.4	68.9	69.2	56.8	48.6	38.6	28.7	45.6
1979	22.1	14.4	38.9	45.4	60.0	66.0	72.5	69.0	61.2	50.2	44.1	31.4	47.9
1980	24.1	19.8	33.3	48.0	59.5	63.3	72.2	70.7	62.6	47.4	34.8	19.9	46.3
1981	14.0	33.1	34.7	48.1	58.9	66.7	69.3	68.5	58.8	44.8	37.7	25.7	46.7
1982	14.3	23.4	32.8	44.3	59.5	62.9	70.1	65.5	60.5	50.6	43.0	33.7	46.7
1983	24.3	26.8	37.6	46.7	54.9	67.2	72.2	69.8	62.6	49.6	39.2	24.0	47.9
1984	18.1	32.4	29.0	47.6	53.2	66.4	68.9	71.8	60.2	53.8	40.3	33.8	48.0
1985	19.9	26.8	37.3	49.7	60.0	62.2	70.7	68.7	63.3	50.2	40.1	24.5	47.8
1986	23.0	22.8	37.2	50.5	61.3	64.6	71.3	67.8	60.1	48.9	35.7	30.8	47.8
1987	21.7	21.7	37.7	50.4	60.0	68.3	73.5	67.2	60.6	46.6	40.1	30.7	48.2
1988	20.6	24.1	34.2	46.6	59.5	65.1	75.0	72.3	60.0	46.0	41.0	26.6	47.6
1989	27.8	24.2	33.5	44.6	59.5	68.0	71.6	69.8	62.5	51.5	39.3	13.7	47.2
1990	32.8	28.2	37.8	48.9	55.3	67.3	73.0	70.9	61.7	53.1	41.8	33.6	50.4
1991	23.2	30.0	37.4	51.2	63.2	69.0	71.6	71.2	59.9	53.2	40.1	28.9	49.9
1992	24.5	26.9	31.5	44.7	58.5	65.2	67.6	67.4	61.4	46.5	38.9	29.8	46.9
1993	26.6	18.3	31.4	48.4	59.5	66.3	73.1	71.7	60.5	48.6	38.4	27.4	47.5
1994	12.7	19.2	33.1	48.2	56.4	68.9	74.0	67.1	60.9	50.1	43.3	31.6	47.1
1995	31.3	22.8	40.0	43.9	57.0	66.9	74.0	70.9	59.1	53.4	35.7	23.9	48.2
1996	20.6	25.3	31.1	46.2	55.2	68.6	69.7	70.1	62.3	49.1	34.6	33.8	47.2
1997	22.7	30.4	33.2	44.2	53.6	67.9	70.6	68.6	60.7	48.0	35.8	29.8	47.1
POR= 124 YRS	22.7	23.9	33.7	46.6	58.4	67.4	72.3	70.0	62.4	51.1	39.6	27.7	48.0

HEATING DEGREE DAYS (base 65°F) 1997 ALBANY, NEW YORK (ALB)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1968-69	7	45	76	359	787	1281	1360	1122	1043	518	284	55	6937
1969-70	13	22	137	491	749	1339	1708	1168	1016	495	165	75	7378
1970-71	3	7	127	377	686	1336	1580	1104	1059	672	315	50	7316
1971-72	20	45	109	311	838	1080	1298	1269	1060	707	175	97	7009
1972-73	16	38	154	590	890	1113	1168	1198	709	486	299	47	6708
1973-74	2	3	200	431	750	1136	1285	1216	1005	511	343	54	6936
1974-75	17	14	227	631	786	1113	1212	1115	1053	722	145	88	7123
1975-76	0	19	173	357	580	1199	1511	964	871	472	315	43	6504
1976-77	7	40	196	564	895	1345	1526	1127	764	545	205	85	7299
1977-78	7	51	156	471	666	1179	1340	1306	1051	642	245	84	7198
1978-79	43	19	256	503	784	1119	1324	1414	803	579	188	63	7095
1979-80	19	37	163	468	619	1036	1259	1303	974	503	190	106	6677
1980-81	0	7	140	539	900	1393	1575	885	930	502	235	30	7136
1981-82	8	22	204	622	816	1209	1564	1160	992	617	182	87	7483
1982-83	20	65	156	436	657	969	1255	1062	843	539	312	58	6372
1983-84	5	24	150	479	766	1265	1448	939	1109	517	363	60	7125
1984-85	12	8	170	344	737	959	1389	1062	852	458	184	106	6281
1985-86	7	16	123	452	740	1246	1295	1177	859	432	154	75	6576
1986-87	17	46	173	495	872	1053	1332	1207	842	433	210	29	6709
1987-88	2	56	154	567	741	1056	1370	1181	946	546	198	99	6916
1988-89	8	30	160	584	714	1185	1146	1133	968	607	194	35	6764
1989-90	0	22	134	413	766	1584	990	1026	839	500	298	44	6616
1990-91	5	6	148	388	689	964	1290	973	850	417	141	22	5893
1991-92	6	0	197	372	740	1111	1248	1098	1034	605	210	56	6677
1992-93	17	27	167	565	773	1082	1183	1300	1034	492	185	67	6892
1993-94	0	11	185	500	791	1161	1619	1272	983	502	283	33	7340
1994-95	0	47	138	457	644	1027	1037	1177	766	627	252	41	6213
1995-96	2	12	196	355	872	1266	1369	1146	1046	559	316	18	7157
1996-97	1	2	133	488	903	961	1306	961	977	616	350	35	6733
1997-	3	11	152	521	872	1083							

WBAN : 14735

COOLING DEGREE DAYS (base 65°F) 1997 ALBANY, NEW YORK (ALB)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1969	0	0	0	2	23	95	165	203	68	0	0	0	556
1970	0	0	0	12	36	107	225	160	83	7	0	0	630
1971	0	0	0	0	9	98	132	107	109	1	0	0	456
1972	0	0	0	0	12	58	208	112	31	0	0	0	421
1973	0	0	0	7	6	164	248	255	71	2	0	0	753
1974	0	0	0	11	12	59	157	111	35	0	1	0	386
1975	0	0	0	0	58	97	248	180	12	0	2	0	597
1976	0	0	0	19	11	184	120	120	22	0	0	0	476
1977	0	0	0	8	66	79	222	146	53	0	0	0	574
1978	0	0	0	0	47	70	169	154	16	0	0	0	456
1979	0	0	0	0	39	99	258	168	55	17	0	0	636
1980	0	0	0	0	28	63	230	189	73	0	0	0	583
1981	0	0	0	2	53	87	149	137	25	0	0	0	453
1982	0	0	0	0	19	31	184	88	29	0	4	0	355
1983	0	0	0	0	8	134	236	179	86	6	0	0	649
1984	0	0	0	0	3	107	140	226	35	3	0	0	514
1985	0	0	0	5	37	27	191	140	80	2	0	0	482
1986	0	0	6	4	46	69	220	140	33	1	0	0	519
1987	0	0	0	4	62	136	271	133	29	0	0	0	635
1988	0	0	0	0	36	110	326	263	16	4	0	0	755
1989	0	0	1	0	31	132	213	178	63	0	0	0	618
1990	0	0	2	22	1	119	261	197	55	24	0	0	681
1991	0	0	0	9	92	147	221	198	50	14	0	0	731
1992	0	0	0	2	15	70	106	112	65	0	0	0	370
1993	0	0	0	0	17	116	259	224	55	2	0	0	673
1994	0	0	0	6	24	160	290	119	21	0	1	0	621
1995	0	0	0	0	11	102	289	200	27	0	0	0	629
1996	0	0	0	1	19	132	153	168	57	0	0	0	530
1997	0	0	0	0	3	128	186	129	28	1	0	0	475

SNOWFALL (inches) 1997 ALBANY, NEW YORK (ALB)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1968–69	0.0	0.0	0.0	0.0	13.5	18.1	6.3	20.7	4.5	0.2	0.0	0.0	63.3
1969–70	0.0	0.0	0.0	T	3.2	57.5	7.2	7.4	11.2	1.2	T	0.0	87.7
1970–71	0.0	0.0	0.0	T	T	43.8	15.2	17.6	32.0	3.9	0.0	0.0	112.5
1971–72	0.0	0.0	0.0	0.0	24.0	10.1	8.5	24.8	15.9	6.0	0.0	0.0	89.3
1972–73	0.0	0.0	0.0	T	24.6	22.5	11.2	12.5	T	0.1	0.0	0.0	70.9
1973–74	0.0	0.0	0.0	0.0	0.1	18.9	10.0	12.4	5.6	11.3	0.0	0.0	58.3
1974–75	0.0	0.0	0.0	T	2.2	12.5	14.0	21.2	2.9	1.8	0.0	0.0	54.6
1975–76	0.0	0.0	0.0	0.0	3.6	16.4	15.0	4.4	14.8	T	T	0.0	54.2
1976–77	0.0	0.0	0.0	T	5.7	7.8	22.1	17.9	15.2	0.3	1.6	0.0	70.6
1977–78	0.0	0.0	0.0	0.0	8.4	19.8	40.8	15.8	7.4	0.2	T	0.0	92.4
1978–79	0.0	0.0	0.0	0.0	3.4	19.9	26.5	4.6	0.9	8.2	0.0	0.0	63.5
1979–80	0.0	0.0	0.0	T	0.0	5.8	0.6	10.2	10.8	0.0	0.0	0.0	27.4
1980–81	0.0	0.0	0.0	0.0	11.8	12.8	11.9	6.9	1.5	T	0.0	0.0	44.9
1981–82	0.0	0.0	0.0	0.0	1.1	31.4	18.2	9.6	19.1	17.7	0.0	0.0	97.1
1982–83	0.0	0.0	0.0	0.0	0.6	5.5	27.5	17.4	9.2	14.7	0.1	0.0	75.0
1983–84	0.0	0.0	0.0	0.0	1.7	11.6	16.5	7.2	28.2	T	0.0	0.0	65.2
1984–85	0.0	0.0	0.0	0.0	2.2	11.7	8.4	10.1	8.7	0.2	0.0	0.0	41.3
1985–86	0.0	0.0	0.0	0.0	11.8	11.5	18.0	16.1	3.4	1.7	T	0.0	62.5
1986–87	0.0	0.0	0.0	0.0	8.3	20.3	47.8	2.8	0.8	0.6	0.0	0.0	80.6
1987–88	0.0	0.0	0.0	6.5	6.2	11.4	21.7	26.0	4.8	0.1	0.0	0.0	76.7
1988–89	0.0	0.0	0.0	T	T	7.8	1.3	5.1	4.7	0.1	0.0	0.0	19.0
1989–90	T	0.0	T	0.0	1.9	8.0	20.3	22.8	4.9	T	0.0	0.0	57.9
1990–91	0.0	0.0	0.0	T	0.4	8.5	11.2	5.3	3.3	0.0	0.0	T	28.7
1991–92	0.0	0.0	0.0	0.0	1.5	12.7	3.4	6.3	4.9	1.9	0.0	0.0	30.7
1992–93	0.0	0.0	0.0	T	2.8	12.6	14.3	28.6	34.3	1.6	0.0	0.0	94.2
1993–94	0.0	0.0	0.0	T	0.7	6.1	42.0	20.2	19.1	T	T	0.0	88.1
1994–95	0.0	0.0	0.0	0.0	4.1	2.9	3.9	15.4	4.6	T	0.0	0.0	30.9
1995–96	T	0.0	0.0	0.0	5.8	25.1	28.4		20.3	1.1	0.0	0.0	
1996–97				0.0	4.0	11.1	16.7	8.2	23.6	3.0	0.0	0.0	
1997–	0.0	0.0	0.0	T	11.8	14.7							
POR= 50 YRS	T	0.0	T	0.2	4.4	14.9	16.2	14.0	11.4	2.5	0.2	T	63.8

WBAN : 14735

REFERENCE NOTES:

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).

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).

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.

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.

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.

1997
ALBANY,
NEW YORK (ALB)

Albany is located on the west bank of the Hudson River some l50 miles north of New York City, and 8 miles south of the confluence of the Mohawk and Hudson Rivers. The river–front portion of the city is only a few feet above sea level, and there is a tidal effect upstream to Troy. Eleven miles west of Albany the Helderberg escarpment rises to l,800 feet. Between it and the Hudson River the valley floor is gently rolling, ranging some 200 to 500 feet above sea level. East of the city there is more rugged terrain 5 or 6 miles wide with elevations of 300 to 600 feet. Farther to the east the terrain rises more sharply. It reaches a north–south range of hills 12 miles east of Albany with elevations ranging to 2,000 feet.

The climate at Albany is primarily continental in character, but is subjected to some modification by the Atlantic Ocean. The moderating effect on temperatures is more pronounced during the warmer months than in winter when outbursts of cold air sweep down from Canada. In the warmer seasons, temperatures rise rapidly in the daytime. However, temperatures also fall rapidly after sunset so that the nights are relatively cool. Occasionally there are extended periods of oppressive heat up to a week or more in duration.

Winters are usually cold and sometimes fairly severe. Maximum temperatures during the colder winters are often below freezing and nighttime lows are frequently below l0 degrees. Sub–zero readings occur about twelve times a year. Snowfall throughout the area is quite variable and snow flurries are quite frequent during the winter. Precipitation is sufficient to serve the economy of the region in most years, and only occasionally do periods of drought exist. Most of the rainfall in the summer is from thunderstorms. Tornadoes are quite rare and hail is not usually of any consequence.

Wind velocities are moderate. The north–south Hudson River Valley has a marked effect on the lighter winds and in the warm months, average wind direction is usually southerly. Destructive winds rarely occur.

The area enjoys one of the highest percentages of sunshine in the entire state. Seldom does the area experience long periods of cloudy days and long periods of smog are rare.

Based on the 1951–1980 period, the average first occurrence of 32 degrees Fahrenheit in the fall is September 29 and the average last occurrence in the spring is May 7.

STATION LOCATION

ALBANY, NEW YORK

LOCATION	OCCUPIED FROM	OCCUPIED TO	AIRLINE DISTANCES AND DIRECTIONS FROM PREVIOUS LOCATION	LATITUDE NORTH	LONGITUDE WEST	ELEVATION ABOVE SEA LEVEL: GROUND TEMPERATURE SITE	ELEVATION ABOVE GROUND: WIND INSTRUMENTS	EARTHEMETHERMOMETERS	PSYCHROMETER	SUNSHINE SWITCH	TIPPING BUCKET RAIN GAGE	WEIGHING RAIN GAGE	8 INCH RAIN GAGE	HYGROTHERMOMETER	AUTOMATIC OBSERVING EQUIPMENT *	REMARKS
CITY																
Dudley Observatory Dudley Heights	12/22/73	6/30/74	NA	42°40'	73°45'	Unk		11								Station established by Signal Service.
Dudley Heights Observatory Grounds	7/1/74	3/12/80	Unk	42°40'	73°45'	Unk	48	17					1			
S.K. Grey Building 42-44 State Street	3/13/80	9/30/84	1.3 mi. SW	42°39'	73°45'	Unk	79	51					70			
U.S. Custom House and Post Office, Broadway and State Streets	10/1/84	4/17/35	400 ft. E	42°39'	73°45'	19	109	80					100			
U.S. Custom House and Post Office, Broadway and State Streets							113	84	84		99		99			Exposures changed 7/3/88. Tipping bucket rain gage installed 1897.
U.S. Custom House and Post Office, Broadway and State Streets							115	102	102		99		100			Exposures changed 10/9/01.
U.S. Custom House and Post Office, Broadway and State Streets							115	107	107		100		100			Exposures changed 10/12/28.
New Post Office Bldg. Broadway & Maiden Lane	4/18/35	1/27/65	100 ft. N	42°39'	73°45'	19	112 b	97	97 b	NA	88 b	NA a88	88	NA	NA	a - Installed 7/1/40. b - Removed 9/1/42.
AIRPORT																
Administration Building Albany County Airport	1/13/30	1/20/65	NA	42°45'	73°48'	277	40 g20	28 d6	28 d6	NA c34	NA c25 e3	NA f4	NA c25 e3	NA	NA	c - Installed June 1938. d - Effective 10/23/46. e - Effective 10/23/46. 8" gage not used after June 1951. f - Added 10/23/46. g - Effective 1/8/63.
Crash, Fire, Rescue & Maintenance Building Albany County Airport	1/20/65	Present	500 ft. N	42°45'	73°48'	275	20	NA	NA	42	4	5	NA	h4 i5	NA	h - Installed 1925' NE of previous temp. sensor. i - Type change 2/6/85.
															S	ASOS Commissioned 08/01/95

* Type
M = AMOS
T = AUTOB
S = ASOS
W = AWOS

SUBSCRIPTION:
Price and ordering information available through: National Climatic Data Center, Federal Building, Asheville, North Carolina 28801.
INQUIRIES/COMMENTS CALL: (704) 271-4800

National Climatic Data Center
151 Patton Avenue, Rm 120
Asheville NC 28801-5001

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300
FORWARD AND ADDRESS CORRECTION