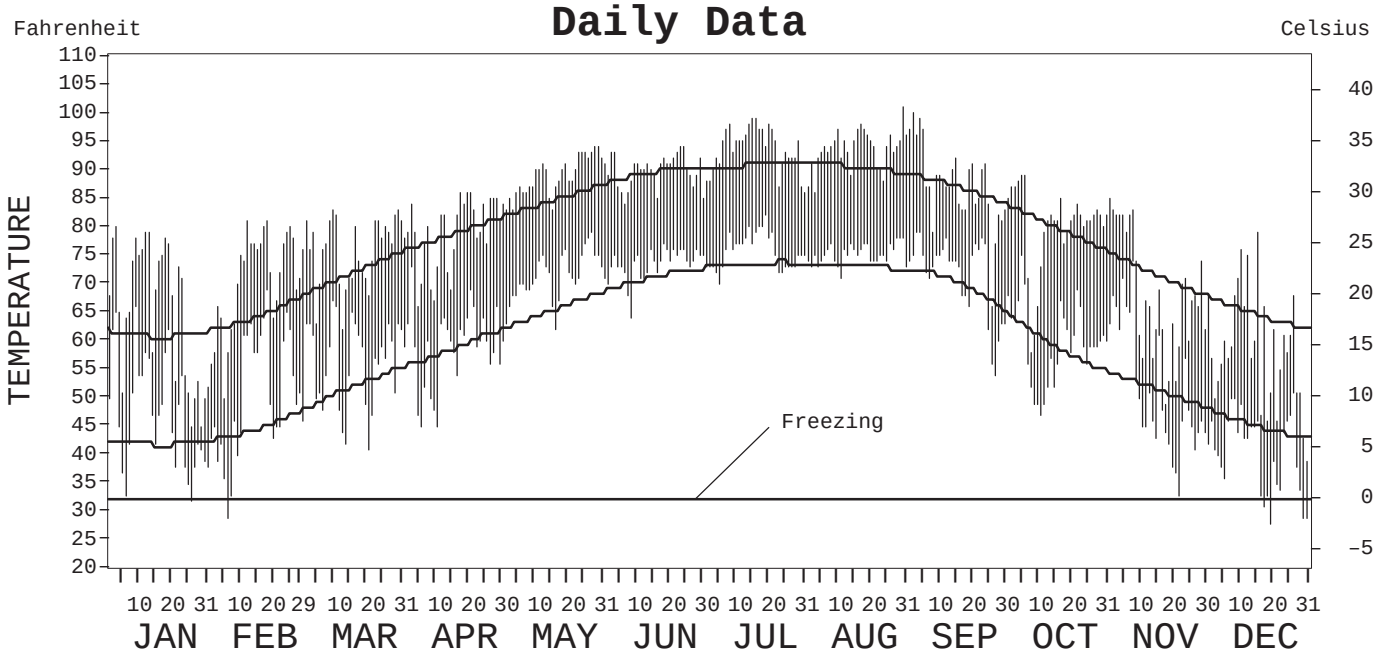
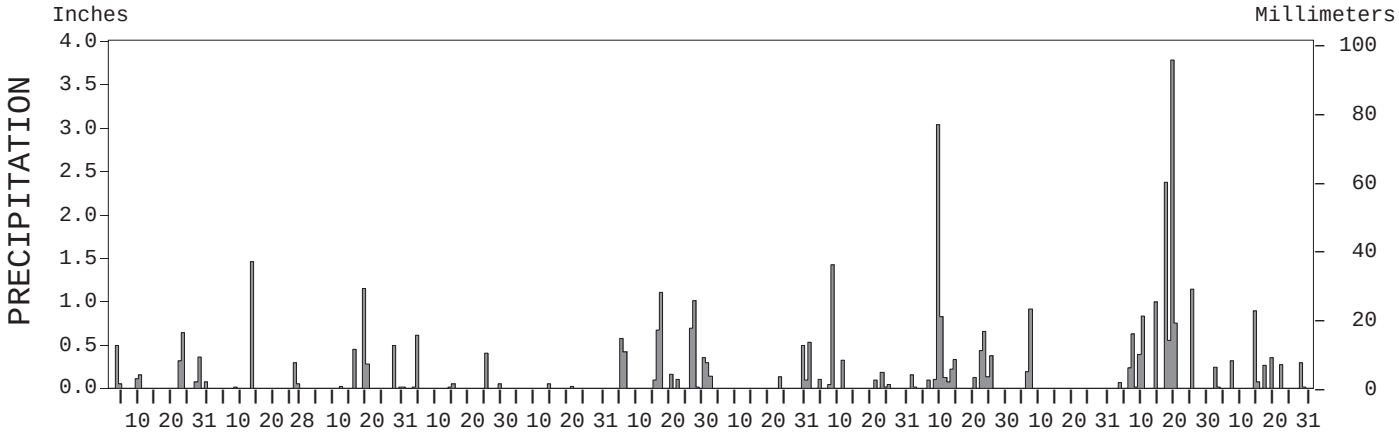
2000 LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA

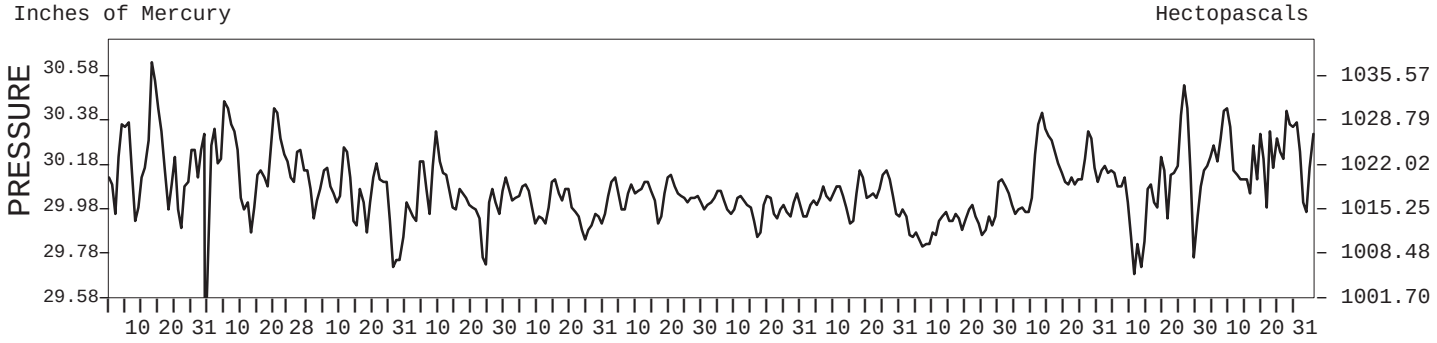
ISSN 0198-2311

NEW ORLEANS,
LOUISIANA (MSY)

Daily Data







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Thomas R. Karl

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 2000

NEW ORLEANS, LA (MSY)

LATITUDE: 29° 59′ 34″ N | LONGITUDE: 90° 15′ 03″ W | ELEVATION (FT): GRND: 17 BARO: 17 | TIME ZONE: CENTRAL (UTC + 6) | WBAN: 12916

	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	MEAN DAILY MAXIMUM	65.4	70.7	75.8	79.0	88.9	89.8	93.6	93.5	87.3	80.0	68.3	58.6	79.2
	HIGHEST DAILY MAXIMUM	80	81	83	86	94	94	99	101	100	89	85	79	101
	DATE OF OCCURRENCE	03	18+	29+	20+	29+	24+	16+	30	02	06+	01	16	AUG 30
	MEAN DAILY MINIMUM	47.3	50.4	56.2	58.8	71.3	73.5	75.6	75.2	71.3	59.6	51.4	40.5	60.9
	LOWEST DAILY MINIMUM	32	29	41	45	62	64	70	71	54	47	33	28	28
	DATE OF OCCURRENCE	26	06	20	10+	16	08	05	11	27	11	22	20	DEC 20
	AVERAGE DRY BULB	56.4	60.6	66.0	68.9	80.1	81.7	84.6	84.4	79.3	69.8	59.9	49.6	70.1
	MEAN WET BULB		55.9	61.8	62.6	71.9	74.6	76.1	76.5	72.9	64.6	56.0	44.9	
	MEAN DEW POINT		51.5	58.6	57.5	67.8	71.7	72.5	73.4	69.7	60.7	52.2	39.2	
	NUMBER OF DAYS WITH:													
	MAXIMUM ≥ 90°	0	0	0	0	16	18	26	27	11	0	0	0	98
	MAXIMUM ≤ 32°	0	0	0	0	0	0	0	0	0	0	0	0	0
	MINIMUM ≤ 32°	1	1	0	0	0	0	0	0	0	0	0	4	6
	MINIMUM ≤ 0°	0	0	0	0	0	0	0	0	0	0	0	0	0
H/C	HEATING DEGREE DAYS	295	181	63	33	0	0	0	0	4	34	227	469	1306
	COOLING DEGREE DAYS	35	58	103	159	477	506	616	610	439	192	79	0	3274
RH	MEAN (PERCENT)	72	75	78	70	69	76	71	73	76	75	77	70	74
	HOUR 00 LST	78	86	87	82	83	87	83	86	84	86	84	76	84
	HOUR 06 LST	81	90	92	84	85	89	87	90	87	90	87	78	87
	HOUR 12 LST	61	59	65	53	52	62	54	59	64	59	65	62	60
	HOUR 18 LST	68	63	68	61	61	70	60	64	72	64	74	65	66
S	PERCENT POSSIBLE SUNSHINE													
W/O	NUMBER OF DAYS WITH:													
	HEAVY FOG(VISBY ≤ 1/4 MI)	4	7	0	2	0	0	0	1	1	4	3	2	24
	THUNDERSTORMS	3	2	3	2	0	13	10	12	11	2	4	1	63
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.)		30.18	30.01	30.01	29.97	30.02	29.97	30.01	29.92	30.13	30.05	30.20	
	MEAN SEA-LEVEL PRESS. (IN.)		30.20	30.03	30.04	30.00	30.05	30.00	30.03	29.94	30.16	30.08	30.23	
WINDS	RESULTANT SPEED (MPH)		2.3	2.4	0.5	2.4	2.5	2.5	0.2	3.1	3.7	1.7	4.4	
	RES. DIR. (TENS OF DEGS.)		14	09	23	17	21	26	22	07	04	06	02	
	MEAN SPEED (MPH)	10.3	8.2	8.2	9.1	9.8	7.2	6.9	5.9	7.9	7.1	8.5	9.7	8.2
	PREVAIL.DIR.(TENS OF DEGS.)	36	17	13	18	19	13	25	28	05	04	13	01	18
	MAXIMUM 2-MINUTE WIND:													
	SPEED (MPH)	28	35	36	31	23	36	32	36	32	32	33	39	39
	DIR. (TENS OF DEGS.)	27	27	33	36	14	30	04	30	18	03	21	24	24
	DATE OF OCCURRENCE	10+	13	27	08	31+	26	22	31	08	08+	24	16	DEC 16
	MAXIMUM 5-SECOND WIND:													
	SPEED (MPH)	43	43	44	37	29	44	38	46	38	38	39	51	51
	DIR. (TENS OF DEGS.)	29	26	33	35	13	30	04	31	19	02	20	23	23
	DATE OF OCCURRENCE	23	13	27	08	31	26	22	31	08+	08+	06	16	DEC 16
PRECIPITATION	WATER EQUIVALENT:													
	TOTAL (IN.)	2.25	1.81	2.41	1.13	0.07	5.46	1.38	2.35	6.50	1.10	11.72	2.70	38.88
	GREATEST 24-HOUR (IN.)	0.82	1.46	1.25	0.61	0.05	1.70	0.58	1.46	3.04	0.92	4.01	0.96	4.01
	DATE OF OCCURRENCE	22-23	13	18-19	03	13	25-26	30-31	06-07	08	05-06	18-19	13-14	NOV 18-19
	NUMBER OF DAYS WITH:													
	PRECIPITATION ≥ 0.01	9	4	7	6	2	12	5	9	14	2	12	10	92
	PRECIPITATION ≥ 0.10	6	2	4	2	0	10	4	5	11	2	10	7	63
	PRECIPITATION ≥ 1.00	0	1	1	0	0	2	0	1	1	0	3	0	9
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

NEW ORLEANS, LA (MSY)

LATITUDE: 29° 59′ 34″ N | LONGITUDE: 90° 15′ 03″ W | ELEVATION (FT): GRND: 17 BARO: 17 | TIME ZONE: CENTRAL (UTC + 6) | WBAN: 12916

	ELEMENT	POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	60.8	64.1	71.6	78.5	84.4	89.2	90.6	90.2	86.6	79.4	71.1	64.3	77.6
	MEAN DAILY MAXIMUM	53	62.0	65.2	71.3	78.3	84.9	89.4	90.9	90.6	86.9	79.6	70.6	64.4	77.8
	HIGHEST DAILY MAXIMUM	54	83	85	89	92	96	100	101	102	101	94	87	84	102
	YEAR OF OCCURRENCE		1982	1972	1982	1987	1953	1954	1981	1980	1980	1998	1997	1995	AUG 1980
	MEAN OF EXTREME MAXS.	53	77.4	79.3	82.6	86.5	91.4	94.6	95.8	95.7	93.2	88.6	83.2	79.9	87.4
	NORMAL DAILY MINIMUM	30	41.8	44.4	51.6	58.4	65.2	70.8	73.1	72.8	69.5	58.7	51.0	44.8	58.5
	MEAN DAILY MINIMUM	53	43.7	46.1	51.9	58.6	65.8	71.3	73.5	73.4	70.0	59.9	50.7	45.4	59.2
	LOWEST DAILY MINIMUM	54	14	16	25	32	41	50	60	60	42	35	24	11	11
	YEAR OF OCCURRENCE		1985	1996	1980	1971	1960	1984	1967	1968	1967	1993	1970	1989	DEC 1989
	MEAN OF EXTREME MINS.	53	26.4	29.9	35.7	43.5	54.0	63.5	69.2	68.3	59.8	44.3	34.7	28.4	46.5
	NORMAL DRY BULB	30	51.3	54.3	61.6	68.5	74.8	80.0	81.9	81.5	78.1	69.1	61.1	54.5	68.1
	MEAN DRY BULB	53	52.8	55.6	61.7	68.4	75.4	80.4	82.2	82.0	78.5	69.7	60.7	55.0	68.5
	MEAN WET BULB	16	48.9	52.3	57.0	62.3	69.9	74.5	76.0	76.0	72.6	64.4	57.2	48.3	63.3
	MEAN DEW POINT	16	44.4	47.6	52.5	57.9	66.4	72.0	73.7	73.6	69.7	60.6	53.1	44.4	59.7
	NORMAL NO. DAYS WITH:														
	MAXIMUM ≥ 90°	30	0.0	0.0	0.0	0.2	3.1	14.4	20.4	19.8	8.9	0.9	0.0	0.0	67.7
	MAXIMUM ≤ 32°	30	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4
	MINIMUM ≤ 32°	30	6.2	3.5	0.6	*	0.0	0.0	0.0	0.0	0.0	0.0	0.8	4.7	15.8
	MINIMUM ≤ 0°	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
H/C	NORMAL HEATING DEG. DAYS	30	450	316	162	28	0	0	0	0	0	30	178	349	1513
	NORMAL COOLING DEG. DAYS	30	25	17	56	133	304	450	524	512	393	157	61	23	2655
RH	NORMAL (PERCENT)	30	76	73	73	73	74	76	79	79	78	75	77	77	76
	HOUR 00 LST	30	81	80	81	84	85	87	88	88	86	84	85	83	84
	HOUR 06 LST	30	84	83	85	88	89	90	92	92	89	88	87	86	88
	HOUR 12 LST	30	66	63	61	59	60	64	66	67	65	59	63	66	63
	HOUR 18 LST	30	71	66	64	64	65	68	72	73	74	72	76	74	70
S	PERCENT POSSIBLE SUNSHINE	22	46	50	56	62	62	63	59	61	61	64	54	48	57
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG(VISBY≤1/4 MI)	52	5.7	4.1	3.5	1.6	0.9	0.2	0.1	0.2	0.3	1.6	3.5	4.5	26.2
	THUNDERSTORMS	52	2.2	2.9	4.0	4.3	5.9	9.7	14.7	12.4	6.6	1.9	2.0	2.1	68.7
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)	48	5.4	5.0	5.0	4.6	4.9	4.9	5.1	4.6	4.3	3.6	4.3	5.1	4.7
	MIDNIGHT-MIDNIGHT (OKTAS)	32	5.2	4.8	4.9	4.4	4.2	4.0	4.6	4.3	4.0	3.3	4.0	4.8	4.4
	MEAN NO. DAYS WITH:														
	CLEAR	48	6.9	7.5	7.8	7.9	8.9	8.3	4.6	7.2	9.6	14.3	10.2	7.7	100.9
	PARTLY CLOUDY	48	7.1	6.4	8.0	10.4	11.2	12.5	14.6	13.8	10.6	7.9	8.2	7.4	118.1
	CLOUDY	48	16.9	14.3	15.2	11.7	10.9	9.2	11.8	10.0	9.8	8.9	11.5	15.9	146.1
PR	MEAN STATION PRESSURE(IN)	27	30.11	30.08	30.00	29.98	29.94	29.96	30.00	29.98	29.96	30.03	30.08	30.11	30.02
	MEAN SEA-LEVEL PRES. (IN)	16	30.15	30.11	30.05	30.00	29.98	30.01	30.04	30.00	29.99	30.06	30.11	30.16	30.06
WINDS	MEAN SPEED (MPH)	38	9.4	9.9	9.9	9.5	8.1	6.9	6.2	6.1	7.5	7.8	8.9	9.2	8.3
	PREVAIL.DIR(TENS OF DEGS)	22	36	36	16	18	18	18	23	04	04	05	06	36	18
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	4	48	43	36	40	32	36	39	40	46	32	33	39	48
	DIR. (TENS OF DEGS)		27	21	33	01	27	30	24	02	02	03	21	24	27
	YEAR OF OCCURRENCE		1998	1998	2000	1997	1999	2000	1998	1997	1998	2000	2000	2000	JAN 1998
	MAXIMUM 5-SECOND:														
	SPEED (MPH)	4	63	51	44	53	44	44	47	48	55	38	39	51	63
	DIR. (TENS OF DEGS)		33	21	33	21	26	30	24	04	01	02	20	23	33
	YEAR OF OCCURRENCE		1998	1998	2000	1997	1999	2000	1998	1997	1998	2000	2000	2000	JAN 1998
PRECIPITATION	NORMAL (IN)	30	5.05	6.01	4.90	4.50	4.56	5.84	6.12	6.17	5.51	3.05	4.42	5.75	61.88
	MAXIMUM MONTHLY (IN)	54	19.28	12.59	19.09	16.12	21.18	15.01	13.15	16.12	18.98	13.20	19.81	10.77	21.18
	YEAR OF OCCURRENCE		1998	1983	1948	1980	1995	1987	1991	1977	1998	1985	1989	1967	MAY 1995
	MINIMUM MONTHLY (IN)	54	0.54	0.15	0.24	0.28	0.07	0.23	1.38	1.68	0.24	0.00	0.21	1.46	0.00
	YEAR OF OCCURRENCE		1968	1989	1955	1976	2000	1979	2000	1980	1953	1978	1949	1958	OCT 1978
	MAXIMUM IN 24 HOURS (IN)	54	6.08	5.60	7.87	8.08	12.40	7.40	4.43	4.96	6.50	4.51	12.66	6.81	12.66
	YEAR OF OCCURRENCE		1978	1961	1948	1988	1995	1988	1996	1992	1971	1985	1989	1990	NOV 1989
	NORMAL NO. DAYS WITH:														
	PRECIPITATION ≥ 0.01	30	10.3	8.9	8.8	6.7	7.6	10.9	14.3	13.5	10.0	5.5	7.9	9.9	114.3
	PRECIPITATION ≥ 1.00	30	1.5	2.0	1.7	1.2	1.5	2.0	1.7	1.6	1.9	1.0	1.5	1.8	19.4
SNOWFALL	NORMAL (IN)	30	0.*	0.*	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
	MAXIMUM MONTHLY (IN)	50	0.4	2.0	T	T	T	0.0	0.0	0.0	0.0	0.0	T	2.7	2.7
	YEAR OF OCCURRENCE		1985	1958	1993	1996	1989						1950	1963	DEC 1963
	MAXIMUM IN 24 HOURS (IN)	50	0.4	2.0	T	T	T	0.0	0.0	0.0	0.0	0.0	T	2.7	2.7
	YEAR OF OCCURRENCE		1985	1958	1993	1996	1989						1950	1963	DEC 1963
	MAXIMUM SNOW DEPTH (IN)	48	2	2	0	0	0	0	0	0	0	0	0	1	2
	YEAR OF OCCURRENCE		1964	1958										1989	FEB 1958
	NORMAL NO. DAYS WITH:														
	SNOWFALL ≥ 1.0	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.*	0.0

PRECIPITATION (inches) 2000 NEW ORLEANS, LA (MSY)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1971	1.13	4.87	3.61	1.53	1.38	8.02	4.55	5.75	16.74	0.58	2.63	6.64	57.43
1972	6.98	6.03	6.07	1.64	6.31	3.10	3.90	4.92	3.29	4.64	8.45	8.65	63.98
1973	2.68	5.40	12.17	10.47	4.68	6.08	5.94	3.37	11.07	5.07	4.04	8.31	79.28
1974	8.46	5.53	6.64	5.52	9.84	3.83	5.66	6.70	7.58	2.26	5.88	4.89	72.79
1975	2.95	3.64	5.32	6.69	8.03	12.28	8.35	10.11	3.97	4.00	11.35	3.81	80.50
1976	2.61	3.85	3.08	0.28	5.58	3.36	5.67	1.69	1.57	5.08	5.80	8.81	47.38
1977	5.62	2.75	3.96	6.38	2.59	1.74	2.91	16.12	13.48	4.33	8.77	4.15	72.80
1978	13.63	2.53	2.67	3.44	9.72	7.82	10.34	14.68	2.98	0.00	4.67	4.42	76.90
1979	5.55	12.49	3.31	4.90	4.38	0.23	11.43	4.57	4.55	1.49	4.27	3.07	60.24
1980	6.37	3.09	10.08	16.12	9.65	3.69	4.84	1.68	6.31	5.87	3.85	1.54	73.09
1981	0.94	8.34	2.70	2.28	5.35	8.47	1.92	11.10	4.78	2.03	1.10	5.50	54.51
1982	2.76	7.88	2.56	5.86	1.19	5.43	13.07	1.92	5.40	3.84	5.45	10.26	65.62
1983	3.31	12.59	4.88	14.86	3.71	10.64	2.95	6.29	5.72	4.88	6.32	9.15	85.30
1984	4.10	5.27	4.90	1.72	3.54	7.21	3.86	9.51	3.79	2.84	2.80	2.53	52.07
1985	4.83	9.28	7.07	2.11	1.16	4.56	6.92	6.37	5.74	13.20	0.96	4.78	66.98
1986	3.49	2.93	1.88	1.50	1.61	8.87	3.60	6.74	1.42	2.87	7.90	5.05	47.86
1987	8.88	7.38	4.39	2.27	3.46	15.01	6.38	5.05	1.29	0.72	2.92	2.88	60.63
1988	3.74	11.31	8.90	9.25	1.68	11.28	6.78	7.53	5.86	2.87	1.26	3.94	74.40
1989	2.47	0.15	7.14	3.20	3.50	8.22	8.34	3.31	4.53	0.51	19.81	6.28	67.46
1990	7.59	11.45	5.98	4.59	5.87	1.01	2.30	2.45	4.55	2.38	3.21	9.67	61.05
1991	19.25	5.42	6.27	15.29	14.28	10.71	13.15	7.86	3.44	1.88	2.19	2.63	102.37
1992	9.94	8.73	6.69	2.52	0.95	9.52	5.75	9.64	6.63	0.55	15.27	5.68	81.87
1993	6.21	2.34	5.65	6.82	7.23	4.96	5.77	2.26	2.47	3.67	2.43	2.90	52.71
1994	3.25	0.54	4.82	2.83	3.67	9.35	8.95	4.59	5.61	2.30	1.39	4.61	51.91
1995	3.66	4.94	7.89	3.81	21.18	2.84	6.44	3.26	0.69	1.31	4.24	5.07	65.33
1996	4.66	1.56	2.97	3.87	1.37	8.60	10.32	8.76	3.96	2.59	3.10	5.55	57.31
1997	6.32	6.88	2.57	4.91	5.03	6.97	3.94	2.25	0.81	1.36	8.09	2.55	51.68
1998	19.28	4.28	5.97	4.39	0.43	3.38	6.56	8.30	18.98	1.82	3.40	2.25	79.04
1999	3.20	0.92	4.60	0.30	3.37	12.20	4.05	5.21	2.87	5.46	0.28	3.85	46.31
2000	2.25	1.81	2.41	1.13	0.07	5.46	1.38	2.35	6.50	1.10	11.72	2.70	38.88
POR= 71 YRS	5.14	4.96	5.22	4.69	4.81	5.49	6.60	5.86	5.31	2.97	4.47	4.88	60.40

WBAN : 12916

AVERAGE TEMPERATURE (˚F) 2000 NEW ORLEANS, LA (MSY)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1971	55.1	53.9	59.2	66.9	72.9	80.0	81.4	81.1	78.9	71.7	59.2	63.4	68.6
1972	58.6	56.1	61.9	69.8	73.9	80.8	79.4	81.1	79.6	70.4	56.6	55.3	68.6
1973	50.3	52.6	65.5	64.2	72.5	81.7	84.4	81.7	79.7	73.4	66.6	54.1	68.9
1974	63.3	55.9	67.3	69.0	75.8	78.1	80.3	80.4	77.0	66.9	59.8	55.3	69.1
1975	57.2	58.9	61.4	66.8	75.1	79.4	80.2	80.5	75.1	69.9	61.2	51.9	68.1
1976	50.6	58.2	64.8	68.5	72.3	78.3	81.2	81.5	77.8	64.0	52.7	50.6	66.7
1977	43.4	53.8	65.0	69.0	75.9	82.4	83.9	81.9	80.2	68.2	62.9	54.3	68.4
1978	44.1	45.0	59.9	71.4	76.9	81.2	82.6	83.2	81.1	69.7	67.1	55.9	68.2
1979	45.9	52.9	62.6	71.1	74.6	81.1	83.6	82.9	79.3	71.0	58.0	52.5	68.0
1980	56.1	52.0	62.0	66.2	77.9	83.3	85.8	85.5	83.5	68.8	60.0	53.6	69.6
1981	48.5	55.3	61.9	71.4	74.8	83.8	85.0	83.1	77.9	71.1	64.9	54.5	69.4
1982	54.5	55.0	65.9	69.8	76.5	81.5	81.4	82.2	76.8	70.4	62.5	59.4	69.7
1983	50.2	53.8	58.3	64.3	74.0	77.6	81.5	82.4	75.3	69.1	60.0	49.5	66.3
1984	46.6	53.9	59.3	67.5	73.7	77.4	78.8	79.2	76.3	73.5	58.8	62.4	67.3
1985	45.2	52.3	65.3	69.0	74.7	79.3	80.2	81.6	77.0	72.6	67.3	51.0	68.0
1986	51.2	59.2	60.6	67.2	76.7	81.0	83.2	81.6	81.0	70.4	66.3	53.2	69.3
1987	50.0	56.3	60.3	66.2	76.8	79.9	82.9	83.5	78.2	64.4	61.6	59.0	68.3
1988	49.4	53.2	60.9	68.4	73.3	78.5	81.6	81.4	79.8	68.0	65.6	56.0	68.0
1989	60.2	55.9	62.8	67.0	76.4	79.4	81.4	81.7	76.9	67.5	62.4	46.9	68.2
1990	57.2	61.3	63.3	67.6	76.2	82.6	82.3	83.0	79.6	68.1	62.3	59.0	70.2
1991	52.8	58.2	64.2	71.2	77.5	81.3	83.5	81.7	78.2	71.6	55.9	57.6	69.5
1992	51.1	58.3	62.0	66.4	72.8	80.6	83.1	79.6	78.5	69.5	57.4	58.2	68.1
1993	57.2	54.7	58.8	64.0	71.9	80.4	83.3	83.6	79.7	69.9	58.0	52.2	67.8
1994	50.0	56.9	60.8	69.6	75.1	81.4	80.8	81.3	77.8	70.8	65.3	56.5	68.9
1995	53.0	56.3	63.0	68.8	77.6	79.3	83.9	84.7	79.5	71.3	59.8	55.2	69.4
1996	52.9	55.9	58.4	67.1	78.1	80.6	82.8	81.1	79.0	70.4	63.3	57.3	68.9
1997	53.8	57.1	66.4	65.4	74.5	79.6	83.4	83.6	81.1	71.3	58.6	52.8	69.0
1998	56.1	55.9	59.8	67.5	78.8	83.7	85.3	84.6	81.1	73.3	65.4	59.1	70.9
1999	57.7	61.1	61.6	73.1	76.7	81.4	82.2	85.5	78.2	70.7	62.0	55.2	70.5
2000	56.4	60.6	66.0	68.9	80.1	81.7	84.6	84.4	79.3	69.8	59.9	49.6	70.1
POR= 71 YRS	53.3	56.2	61.9	68.7	75.5	80.7	82.3	82.2	78.7	70.3	61.0	55.3	68.8

HEATING DEGREE DAYS (base 65˚F) 2000 NEW ORLEANS, LA (MSY)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1971–72	0	0	0	10	208	137	245	278	126	25	0	0	1029
1972–73	0	0	0	28	293	314	447	351	72	114	9	0	1628
1973–74	0	0	0	18	80	355	117	274	71	16	0	0	931
1974–75	0	0	0	24	194	341	270	210	183	73	0	0	1295
1975–76	0	0	6	16	222	417	445	205	98	21	0	0	1430
1976–77	0	0	0	93	375	438	664	318	117	18	0	0	2023
1977–78	0	0	0	43	113	342	646	556	191	2	0	0	1893
1978–79	0	0	0	16	39	324	586	347	128	8	2	0	1450
1979–80	0	0	0	13	230	396	278	385	154	38	0	0	1494
1980–81	0	0	0	35	195	363	504	275	123	12	0	0	1507
1981–82	0	0	0	36	100	333	365	278	127	29	0	0	1268
1982–83	0	0	0	31	146	234	453	309	217	81	1	0	1472
1983–84	0	0	1	37	183	483	564	321	197	48	2	0	1836
1984–85	0	0	2	14	214	146	605	359	62	28	0	0	1430
1985–86	0	0	0	12	49	443	421	195	160	28	0	0	1308
1986–87	0	0	0	28	85	370	464	242	168	75	0	0	1432
1987–88	0	0	0	58	149	222	490	351	166	23	0	0	1459
1988–89	0	0	0	12	92	301	186	292	155	60	0	0	1098
1989–90	0	0	0	53	142	559	253	136	101	41	0	0	1285
1990–91	0	0	0	62	122	244	371	196	105	8	0	0	1108
1991–92	0	0	0	22	312	262	426	203	128	54	5	0	1412
1992–93	0	0	0	2	240	218	248	285	209	82	0	0	1284
1993–94	0	0	0	42	259	399	464	263	177	49	0	0	1653
1994–95	0	0	0	16	72	268	375	257	123	33	0	0	1144
1995–96	0	0	0	16	186	358	380	307	248	54	1	0	1550
1996–97	0	0	0	17	116	253	373	248	58	44	0	0	1109
1997–98	0	0	0	38	202	383	273	251	210	25	0	0	1382
1998–99	0	0	0	2	48	243	263	150	118	21	0	0	845
1999–00	0	0	0	23	112	318	295	181	63	33	0	0	1025
2000–	0	0	4	34	227	469							

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COOLING DEGREE DAYS (base 65˚F) 2000 NEW ORLEANS, LA (MSY)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1971	29	25	44	151	252	456	514	508	424	221	40	92	2756
1972	50	26	38	175	281	479	453	507	446	200	48	19	2722
1973	0	9	96	99	247	507	607	524	448	289	136	24	2986
1974	71	27	147	144	345	402	484	484	368	93	45	45	2655
1975	34	45	80	132	321	440	479	491	314	171	114	16	2637
1976	4	18	100	132	234	404	509	518	390	68	13	0	2390
1977	0	10	123	145	345	528	593	532	463	151	56	16	2962
1978	5	0	39	203	380	493	553	569	489	169	110	49	3059
1979	0	14	63	198	307	491	581	559	435	206	25	16	2895
1980	10	13	70	85	409	554	653	640	561	160	51	17	3223
1981	0	12	35	210	311	570	627	565	396	231	102	12	3071
1982	49	6	160	182	366	504	517	541	363	208	78	66	3040
1983	0	0	16	67	286	385	518	545	317	171	42	10	2357
1984	0	6	31	130	281	379	436	448	351	286	33	71	2452
1985	0	10	78	154	308	437	480	521	366	251	124	13	2742
1986	0	40	32	99	370	487	573	524	488	203	127	9	2952
1987	3	4	30	120	373	456	562	580	402	48	53	42	2673
1988	14	15	49	131	263	411	523	513	448	113	118	30	2628
1989	46	43	95	124	363	439	515	525	365	137	70	6	2728
1990	17	40	56	127	353	538	545	567	448	166	50	62	2969
1991	2	12	88	202	396	496	580	524	402	233	47	40	3022
1992	0	18	41	103	258	472	568	459	408	149	20	14	2510
1993	13	4	26	61	222	468	572	585	447	200	57	8	2663
1994	4	40	54	191	320	501	495	513	390	204	94	12	2818
1995	10	20	67	155	399	434	594	615	444	216	39	59	3052
1996	13	50	47	124	412	473	558	507	427	189	70	21	2891
1997	34	31	107	67	301	445	576	583	489	238	19	9	2899
1998	4	1	59	108	435	568	635	613	489	267	68	70	3317
1999	41	48	20	273	369	497	543	643	403	209	29	23	3098
2000	35	58	103	159	477	506	616	610	439	192	79	0	3274

SNOWFALL (inches) 2000 NEW ORLEANS, LA (MSY)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1971–72	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972–73	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.0	0.0	0.0	0.0	0.7
1973–74	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	T
1974–75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975–76	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976–77	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	T
1977–78	0.0	0.0	0.0	0.0	0.0	0.0	T	T	0.0	0.0	0.0	0.0	T
1978–79	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	T
1979–80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	T
1980–81	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981–82	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	T
1982–83	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983–84	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984–85	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.4
1985–86	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986–87	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987–88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	T
1988–89	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	T	0.0	T
1989–90	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	T	0.0	0.0	0.5
1990–91	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	T	0.0	0.0	T
1991–92	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	T
1992–93	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	T
1993–94	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	T
1994–95	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	T
1995–96	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	T			
1996–97													
1997–98													
1998–99													
1999–00													
2000–													
POR= 49 YRS	0.0	0.0	0.0	0.0	T	0.1	0.0	0.1	T	T	T	0.0	0.2

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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.

2000
NEW ORLEANS, LOUISIANA (MSY)

The New Orleans metropolitan area is virtually surrounded by water. Lake Pontchartrain, some 610 square miles in area, borders the city on the north and is connected to the Gulf of Mexico through Lake Borgne on the east. In other directions there are bayous, lakes, and marshy delta land. The proximity of the Gulf of Mexico also has a great influence on the climate. Elevations in the city vary from a few feet below to a few feet above mean sea level. A massive levee system surrounding the city and along the Mississippi River offers protection against flooding from the river and tidal surges. The New Orleans International Airport is located 12 miles west of downtown New Orleans, between the Mississippi River and Lake Pontchartrain.

The climate of the city can best be described as humid with the surrounding water modifying the temperature and decreasing the range between the extremes. Almost daily sporadic afternoon thunderstorms from mid–June through September keep the temperature from rising much above 90 degrees. From about mid–November to mid–March, the area is subjected alternately to the southerly flow of warm tropical air and to the northerly flow of cold continental air in periods of varying lengths. The usual track of winter storms is to the north of New Orleans, but occasionally one moves this far south, bringing large and rather sudden drops in temperature. However, the cold spells seldom last over three or four days. The lowest temperatures observed are below 10 degrees. In about two–thirds of the years, the lowest temperature is about 24 degrees or warmer. The lowest temperatures in some years are entirely above freezing.

During the winter and spring, the cold Mississippi River water enhances the formation of river fogs, particularly when light southerly winds bring warm, moist air into the area from the Gulf of Mexico. The nearby lakes and marshes also contribute to fog formation. Even so, the fog usually does not seriously affect automobile traffic except for brief periods. However, air travel will be suspended for several hours and river traffic, at times, will be unable to move between New Orleans and the Gulf for several days.

Rather frequent and sometimes very heavy rains are typical for this area. There are an average of 120 days of measurable rain per year and an annual average accumulation of over 60 inches. A fairly definite rainy period occurs from mid–December to mid–March. Precipitation during this period is most likely to be steady rain for two to three day periods. April, May, October, and November are generally dry, but there have been some extremely heavy showers in those months. The greatest 24–hour amounts have exceeded 14 inches. Snowfall is rather infrequent and light. However, on rare occasions, snowstorms have produced accumulations over 8 inches.

While thunder occurs with most of the showers in the area, thunderstorms with damaging winds are infrequent. Hail of a damaging nature seldom occurs, and tornadoes are extremely rare. However, waterspouts are observed quite often on nearby lakes. Hurricanes have effected the area.

The lower Mississippi River floods result from runoff upstream. If the water level in the river becomes dangerously high, the spillways upriver can be opened to divert the floodwaters. Rainfall in the New Orleans area is pumped into the surrounding lakes and bayous. Local street and minor urban flooding of short duration result from occasional downpours.

Air pollution is not a serious problem. The area is not highly industrialized, and long periods of air stagnation are rare.

Based on the 1951–1980 period, the average first occurrence of 32 degrees Fahrenheit in the fall is December 5 and the average last occurrence in the spring is February 20.

STATION LOCATION

NEW ORLEANS, LOUISIANA

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 INSTRUMENT	EXTREME THERMOMETERS	PSYCHROMETER	SUN-SHINE SWITCH	TIPPING BUCKET RAIN GAUGE	WEIGHING RAIN GAGE	8 INCH RAIN GAGE	HYGROTHERMOMETER	AUTOMATIC OBSERVING EQUIPMENT *	REMARKS
*NOTE:																
AIRPORT																
Administration Bldg. International Airport Moisant Field	12/23/59	5/01/96	1000 ft. SW	29°59′	90°15′	3 b4	20		30	c42	d30	30	a30	6		Hygrothermometer commissioned 12/23/59. Extreme thermometers elevation effective 9/1/60; weighing and 8″ rain gages 10/15/60. a. Removed prior to 1965. Reinstalled 8/23/76. b. Result of C&GS survey of 5/13/69. c. Installed 7/1/73. d. Installed 1/15/80.
New Orleans Int'l AP	05/01/96	Present	NA	30°00′	90°15′	17									S	ASOS Commissioned 05/01/96

* TYPE

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

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*** NOTES: For earlier station history see previous editions.**