LOCAL CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF COMMERCE -- JOHN T. CONNOR, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION -- ENVIRONMENTAL DATA SERVICE

JACKSONVILLE, FLORIDA
THOMAS C. IMESON AIRPORT
FEBRUARY 1966

Latitude 30°25'N Longitude 81°39'W Elevation (ground) 20 ft. Standard time used: EASTERN

Date	Temperature (°F) Maximum	Minimum	Average	Departure from normal	Average dew point	Degree days (Base 65°)	Weather types shown by code 1-9 on dates of occurrence (1 Fog, Heavy Fog, x Thunderstorm; 2 Sleet, Hail, Glaze; 3 Duststorm, Sandstorm, Blowing Snow)	Snow, Sleet, or Ice on ground at 07AM (In.)	Precipitation Total (Water equivalent) (In.)	Snow, sleet (In.)	Avg. station pressure (In.) --- Elev. 31 feet m.s.l.	Wind Resultant direction	Resultant speed (m.p.h.)	Average speed (m.p.h.)	Fastest mile Speed (m.p.h.)	Direction	Sunshine Total (Hours and tenths)	Percent of possible	Sky cover (Tenths) Sunrise to sunset	Midnight to midnight	Date
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	63	32	48	-9	36	17	8	0	0	0	30.02	18	6.8	8.2	22	SE	5.9	54	10	9	1
2	64	38	51	-6	44	14		0	0	0	29.87	29	11.0	12.9	24	W	8.5	79	7	8	2
3	55	31	43	-14	28	22	8	0	0	0	30.12	31	6.9	8.1	15	NW	9.3	86	4	5	3
4	50	30	40	-17	21	25		0	0	0	30.20	30	13.2	13.4	25	NW	10.8	100	0	0	4
5	48	26	37	-20	21	28		0	0	0	30.31	34	2.9	7.6	17	NW	10.8	99	0	0	5
6	58	25*	42	-15	27	23	1 8	0	0	0	30.35	06	.9	3.0	16	E	10.8	99	0	1	6
7	63	31	47	-10	39	18	1 8	0	0	0	30.32	07	3.0	5.6	13	E	6.9	63	6	5	7
8	71	41	56	-1	46	9		0	0	0	30.34	08	6.9	7.5	21	NE	8.4	76	6	5	8
9	70	53	62	5	56	3	1 8	0	.06	0	30.33	10	6.7	8.3	21	E	4.4	40	10	9	9
10	77	55	66	9	57	0		0	0	0	30.23	15	11.9	12.2	29	SE	6.5	59	10	8	10
11	77	55	66	9	59	0	1 8	0	T	0	30.18	17	10.1	10.8	20	S	5.4	49	10	10	11
12	75	63	69	12	61	0		0	0	0	29.97	17	10.1	10.5	27	S	3.8	35	10	10	12
13	74	56	65	8	55	0		0	.43	0	29.77	22	15.6	17.7	39	SW	9.1	82	2	5	13
14	64	46	55	-2	49	10	2 8	0	0	0	30.12	07	3.1	6.8	14	E	9.5	85	8	6	14
15	63	49	56	-1	54	9	1 8	0	.15	0	30.20	03	5.7	6.5	18	NE	0.8	7	10	9	15
16	81*	58	70	13	61	0	2 8	0	T	0	29.98	23	8.4	10.4	20	SW	8.1	72	5	7	16
17	68	56	62	4	57	3	1 8	0	.19	0	29.97	35	6.8	10.1	27	NW	4.5	40	10	10	17
18	58	49	54	-4	53	11	1	0	1.53	0	29.92	02	11.4	12.8	34	NE	0.0	0	10	10	18
19	58	46	52	-6	48	13	1	0	.06	0	30.05	34	8.3	9.5	22	N	6.8	61	9	8	19
20	67	40	54	-4	40	11	1	0	0	0	30.24	03	3.9	6.9	17	E	11.3	100	0	0	20
21	65	40	53	-5	47	12	2 8	0	0	0	30.26	02	10.9	11.6	25	NE	8.9	79	4	3	21
22	58	51	55	-4	50	10	1 8	0	.22	0	30.22	03	15.8	16.1	31	NE	4.1	36	9	9	22
23	54	46	50	-9	50	15	1	0	1.59	0	30.19	02	17.3	18.3	40	NE	0.0	0	10	10	23
24	63	44	54	-5	49	11	1 8	0	.08	0	30.07	33	10.9	11.5	17	NW	6.1	53	9	9	24
25	63	44	54	-5	39	11		0	0	0	30.06	30	10.9	11.4	18	NW	7.6	67	5	6	25
26	66	39	53	-6	37	12	1 8	0	0	0	30.10	27	1.9	7.2	14	E	9.3	82	5	5	26
27	66	49	58	-1	54	7	1 8	0	.39	0	30.07	09	5.6	12.2	29	S	0.0	0	10	10	27
28	73	60	67	7	65	0	1 3 8	0	1.27	0	29.84	20	12.9	15.0	37	S	0.4	4	10	9	28
	Sum 1812	Sum 1253	—	—	—	Total 294	Dep. 48	Temperature: Number of days	Total 5.97	Total 0	For the month: 30.12	35	1.5	10.4	40	NE	Total 178.0	% for month	Sum 189	Sum 186	
	Avg. 64.7	Avg. 44.8	Avg. 54.8	Dep. -2.7	Avg. 47	Season to date Total 1108	Dep. 64	Max. ≤32° 0 / Max. ≥90° 0 / Min. ≤32° 6 / Min. ≤0° 0	Dep. 3.06	—	—	—	—	—	Date: 23		Possible 311.2	57	Avg. 6.8	Avg. 6.6	

Greatest in 24 hours and dates			Greatest depth on ground of snow, sleet or ice and date
Precipitation		Snow, Sleet	
1.67	22-23	0	0

* Extreme for the month.

T In columns 9, 10, and 11 and in the Hourly Precipitation table indicates an amount too small to measure.

X Heavy fog - visibility 1/4 mile or less.

HOURLY PRECIPITATION (In.)

Date	A. M. Hour ending at 1	2	3	4	5	6	7	8	9	10	11	12	P. M. Hour ending at 1	2	3	4	5	6	7	8	9	10	11	12	Date
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9								T	.06							T									9
10																									10
11																							T		11
12																									12
13			T	T	T	.10	.29	.04																	13
14																									14
15										T	.01	.05		.06	.02	.01	T								15
16	T	T	T	T	T	T	T																		16
17	.03	.05	T		T	T	T																	.11	17
18	.05	.04	.02	.01	.01	.01	.06	.06	.08	.01	.03	.06		.03	.07	.16	.12	.05	.01	.01	.03	.14	.10	.29	.08	18
19	.03	.02	.01	T																					19
20																									20
21																									21
22												T		T	.01	T	T	.04	.01	.03	.01	.08	.04	T	T	22
23	.01	.02	.02	.02	.02	.01	.08	.20	.17	.22	.24	.13		.09	.01	.02	.04	.07	.02	.03	.12	.02	.02	.01	T	23
24	.01	.06	.01	T	T																				24
25																									25
26																									26
27							T	.03	.01	T	T	.01		.05	.09	.14	.01	.05	T						27
28					T	T	T	T			T	T		.01	.73	.41	.11	.01	T						28

Data in columns 6, 12, 13, 14, and 15 are based on 8 observations per day at 3-hour intervals. Wind directions are those from which the wind blows. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations. Figures for directions are tens of degrees from true North; i.e., 09 = East, 18 = South, 27 = West, 36 = North, and 00 = Calm. When directions are in tens of degrees in Col. 17, entries in Col. 16 are fastest observed 1-minute speeds. If the / appears in Col. 17, speeds are gusts. Any errors detected will be corrected and changes in summary data will be annotated in the annual Summary if published.

AVERAGES BY HOURS

Hour (Local time)	Sky cover (In tenths)	Station press. (In.)	Dry bulb (°F)	Wet bulb (°F)	Rel. hum. %	Dew point (°F)	Wind speed (m.p.h.)	Resultant wind Direction	Resultant wind Speed (m.p.h.)
01	6	30.12	50	48	87	46	8.9	36	1.2
04	7	30.10	49	47	90	46	7.2	35	2.2
07	7	30.13	48	47	91	46	9.2	31	4.1
10	7	30.17	55	52	79	48	11.4	35	3.0
13	6	30.12	61	54	62	46	13.6	07	.8
16	7	30.08	62	54	61	46	13.4	01	1.3
19	6	30.10	56	51	74	47	10.2	06	2.6
22	5	30.12	53	50	83	47	9.4	29	.6

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William H. Haggard
Acting Director of National Weather Records Center

OBSERVATIONS AT 3-HOUR INTERVALS.

HOUR	SKY COVER (Tenths)	CEILING (Hnds. of ft.)	VISIBILITY WHOLE MILES	VISIBILITY 16th MI.	WEATHER	DRY BULB (°F)	WET BULB (°F)	REL. HUM. (%)	DEW PT. (°F)	WIND DIR.	WIND SPEED (Knots)
DAY 01											
01	4	UNL	10			36	32	70	27	17	2
04	10	CIR	8			33	30	72	25	34	3
07	10	CIR	8			35	33	76	28	25	4
10	10	CIR	2	8	K	43	37	58	29	18	2
13	10	CIR	8			57	49	53	40	16	16
16	9	CIR	8			61	52	54	44	17	10
19	3	UNL	10			58	52	67	47	18	10
22	10	CIR	8			56	53	80	50	18	10
DAY 02											
10	65	8				58	56	87	54	21	10
8	CIR	10				59	58	93	57	25	8
5	UNL	10				55	53	90	52	28	8
4	UNL	10				57	53	75	49	29	10
8	180	12				63	50	40	38	30	15
8	180	15				59	48	41	35	31	17
10	UNL	12				50	44	59	36	31	10
8	160	12				41	37	73	33	32	12
DAY 03											
7	UNL	12				36	34	82	31	29	6
10	160	10				34	32	82	29	33	8
10	160	10				32	30	79	26	32	8
5	UNL	6		K		35	32	73	27	01	6
3	UNL	7				48	41	52	31	24	6
4	UNL	10				54	42	35	27	31	10
0	UNL	10				46	39	52	29	31	5
0	UNL	10				41	36	58	27	29	7
DAY 04											
01	0	UNL	10			39	34	60	26	30	10
04	0	UNL	10			35	31	64	24	31	10
07	0	UNL	12			31	28	66	21	31	10
10	0	UNL	12			37	31	48	19	29	15
13	0	UNL	12			46	35	31	17	29	16
16	0	UNL	12			49	38	30	19	31	18
19	0	UNL	12			43	35	42	21	31	8
22	0	UNL	12			37	32	57	23	29	6
DAY 05											
0	UNL	10				34	30	62	22	30	8
0	UNL	15				33	28	56	19	33	12
0	UNL	15				28	25	66	18	31	6
0	UNL	8				35	29	50	18	33	9
0	UNL	10				44	34	34	17	11	5
0	UNL	10				46	37	39	22	13	6
0	UNL	10				36	32	64	25	10	7
0	UNL	10				32	30	82	27	00	
DAY 06											
0	UNL	8				29	28	89	26	00	
0	UNL	2		KH		27	26	88	24	00	
0	UNL	3		KH		26	25	85	22	00	
0	UNL	4		K		45	39	36	30	30	3
0	UNL	7				55	40	20	14	29	5
0	UNL	8				55	44	40	31	10	5
1	UNL	10				44	40	71	35	09	5
6	CIR	10				39	37	79	33	07	3
DAY 07											
01	8	CIR	6	K		34	33	92	32	32	4
04	2	UNL	7			32	31	92	30	33	3
07	7	150	1	GFK		32	31	92	30	33	3
10	10	55	2	KH		49	47	86	45	03	4
13	10	60	7			59	52	60	45	13	6
16	4	UNL	7			61	51	50	42	09	8
19	2	UNL	7			49	44	69	39	07	7
22	1	UNL	7			47	46	93	45	12	4
DAY 08											
1	UNL	10				41	40	93	39	07	4
7	65	7				44	43	93	42	03	3
10	65	10				50	48	86	46	00	
1	UNL	8				63	54	54	46	07	8
3	UNL	10				71	59	48	50	12	10
10	CIR	10				67	57	53	49	07	12
3	UNL	10				59	52	62	46	07	7
3	UNL	10				55	52	83	50	07	8
DAY 09											
6	80	10				54	53	96	53	12	3
8	80	10				54	53	96	53	05	4
10	50	7				57	57	100	57	01	4
10	60	7				60	59	97	59	12	3
9	CIR	7				69	63	71	59	07	13
10	50	7				66	61	73	57	12	12
10	CIR	8				59	57	87	55	14	8
9	CIR	8				59	57	87	55	13	11
DAY 10											
01	9	CIR	10			60	57	84	55	14	9
04	10	CIR	10			57	56	93	55	15	7
07	6	CIR	10			56	55	96	55	15	7
10	10	CIR	10			68	62	71	58	14	15
13	10	CIR	10			75	64	52	56	16	17
16	10	150	10			70	63	68	59	13	13
19	10	65	10			68	62	71	58	16	10
22	4	UNL	10			63	61	87	59	18	7
DAY 11											
10	UNL	10				63	61	90	60	16	14
8	UNL	10				59	58	97	58	24	3
8	60	4		GF		60	59	97	59	18	7
10	CIR	7				68	64	81	62	17	9
10	150	7				73	63	57	57	18	15
10	150	10				74	63	54	56	18	12
10	CIR	10				66	62	81	60	13	8
10	50	10				66	62	81	60	18	7
DAY 12											
10	50	10				65	61	81	59	17	5
10	50	10				65	61	81	59	17	6
10	60	10				63	61	87	59	18	6
10	120	8				67	63	81	61	20	10
10	140	8				73	66	69	62	18	11
10	CIR	8				74	66	66	62	17	16
9	CIR	8				67	63	81	61	14	9
6	CIR	10				67	64	84	62	18	10
DAY 13											
01	10	100	10			69	64	76	61	18	18
04	10	50	12			66	64	87	62	17	13
07	10	40	5		R	63	61	90	60	24	18
10	2	UNL	15			66	61	73	57	23	22
13	0	UNL	15			71	57	41	46	24	24
16	1	UNL	15			73	59	43	49	26	12
19	4	UNL	15			66	57	57	50	23	8
22	0	UNL	15			58	54	78	51	22	8
DAY 14											
7	CIR	12				55	53	90	52	25	6
7	CIR	12				53	52	93	51	29	3
4	UNL	0	8	GF		47	47	100	47	35	3
5	UNL	10				58	54	75	50	04	6
10	CIR	10				64	55	54	47	06	10
9	CIR	10				63	54	56	47	12	9
9	CIR	10				55	52	83	50	11	6
2	UNL	8				50	49	93	48	07	4
DAY 15											
3	UNL	10				50	49	93	48	03	4
7	UNL	7				51	50	96	50	00	
7	UNL	3		GFK		49	49	100	49	34	6
10	60	5		RH		62	61	93	60	01	6
10	6	2		RF		58	57	97	57	05	10
10	22	7				56	55	93	54	06	10
10	20	8				58	57	93	56	06	4
10	2	1	8	F		58	58	100	58	36	5
DAY 16											
01	10	2	1	LF		58	58	100	58	36	6
04	10	3	0	12	LF	58	58	100	58	00	
07	10	0	0	1	F	59	59	100	59	19	8
10	10	5	1	8	F	62	62	100	62	23	8
13	3	UNL	8			75	69	74	66	21	12
16	3	UNL	10			80	67	51	60	23	15
19	0	UNL	10			73	67	71	63	25	10
22	10	100	10			69	66	84	64	24	13
DAY 17											
10	30	7				61	59	90	58	36	12
10	80	2		FK		59	59	100	59	21	5
10	4	7				59	58	97	58	31	10
10	25	7				61	59	90	58	33	10
10	20	8				65	60	75	57	36	8
10	25	10				64	59	75	56	34	10
10	30	10				59	57	87	55	06	6
10	80	10				57	54	83	52	04	9
DAY 18											
10	55	6		R		54	52	90	51	03	8
10	60	7		R		54	53	96	53	06	6
10	4	4		R		54	54	100	54	01	8
10	5	2		RF		57	57	100	57	04	13
10	4	2		RF		57	57	100	57	04	16
10	6	3		RF		55	54	96	54	33	8
10	5	5		RF		52	51	96	51	03	17
10	7	6		RF		51	50	96	50	34	13
DAY 19											
01	10	6	4	RF		49	49	100	49	02	11
04	10	10	7			50	49	96	49	01	9
07	10	6	7			49	48	96	48	34	10
10	10	8	10			49	48	93	47	36	8
13	9	13	10			54	51	80	48	32	8
16	7	UNL	12			58	53	72	49	33	10
19	6	UNL	12			52	50	86	48	34	3
22	4	UNL	10			49	47	89	46	28	7
DAY 20											
0	UNL	15				46	45	96	45	30	5
0	UNL	15				43	43	100	43	31	4
0	UNL	3		GF		41	41	100	41	31	6
0	UNL	8				55	51	75	47	35	5
0	UNL	10				65	50	30	33	07	5
0	UNL	10				65	49	27	30	08	13
0	UNL	12				53	46	57	38	07	8
0	UNL	10				46	44	86	42	01	4
DAY 21											
0	UNL	10				43	43	96	42	34	5
0	UNL	8				42	42	100	42	34	2
0	UNL	8				44	44	96	43	36	9
8	9	6		W		36	35	93	34	02	10
1	UNL	7				64	57	65	52	05	16
3	UNL	7				59	54	70	49	04	18
0	UNL	7				50	48	86	46	01	12
0	UNL	7				49	48	93	47	02	9
DAY 22											
01	4	UNL	7			52	51	93	50	03	8
04	10	55	7			52	50	90	49	04	10
07	7	UNL	7			52	50	90	49	01	12
10	7	200	6		W	58	54	75	50	04	13
13	10	38	5		RW	55	53	90	52	04	20
16	10	13	4		RW	55	52	83	50	02	15
19	10	9	1	8	RFK	52	51	93	50	04	19
22	10	10	4		RF	54	53	93	52	04	15
DAY 23											
10	14	5		R		53	52	93	51	03	17
10	13	3		R		54	53	93	52	04	20
10	7	7	8	R		53	52	96	52	04	14
10	4	2		R		53	52	96	52	02	15
10	6	2		RF		52	51	96	51	05	18
10	10	2		RF		51	51	100	51	36	16
10	6	2		RF		49	48	96	48	36	14
10	4	2		RF		46	46	100	46	36	13
DAY 24											
10	3	2		RF		48	48	100	48	35	10
10	3	2		RF		46	46	100	46	34	10
10	3	2		F		44	44	100	44	35	9
10	4	2		F		47	46	96	46	36	12
10	6	3		FK		54	52	86	50	32	10
7	150	7				63	59	78	56	32	11
10	22	7				57	54	80	51	32	12
2	UNL	10				52	50	86	48	30	6
DAY 25											
01	10	8	7			48	47	93	46	31	9
04	10	9	7			47	45	86	43	30	10
07	10	11	7			45	43	86	41	33	13
10	10	17	8			47	44	77	40	30	15
13	0	UNL	8			57	48	51	39	30	10
16	2	UNL	8			62	48	34	33	28	12
19	4	UNL	8			55	45	63	33	28	5
22	2	UNL	10			49	43	63	37	28	5
DAY 26											
1	UNL	10				45	41	74	37	27	4
0	UNL	10				42	40	86	38	30	5
0	UNL	0	8	GFK		40	40	96	39	27	5
2	UNL	8				54	46	53	37	35	10
2	UNL	10				62	48	32	32	24	8
8	150	10				64	49	30	32	27	3
9	UNL	12				54	46	55	38	13	8
10	150	15				52	47	64	41	13	7
DAY 27											
5	UNL	12				50	47	80	44	10	6
10	150	10				51	48	83	46	05	4
10	30	6		R		56	53	83	51	31	15
10	34	5		RK		55	54	93	53	04	11
10	35	1	8	RFK		54	55	96	55	07	8
10	8	2	8	RFK		59	58	97	58	12	12
10	10	7				62	62	100	62	10	14
10	10	7				65	64	93	63	17	15
DAY 28											
01	10	11	7			66	65	93	64	16	12
04	10	7	5		K	65	64	97	64	16	8
07	10	9	5		LF	68	67	93	66	19	18
10	10	16	7			71	68	87	67	18	20
13	10	18	7		RW	72	69	87	68	23	12
16	10	20	4		RW	67	66	93	65	23	14
19	10	12	10			66	64	90	63	24	9
22	0	UNL	12			63	61	90	60	24	11

REFERENCE NOTES

CEILING COLUMN-

UNL indicates ceiling unlimited.
CIR indicates a cirriform cloud ceiling of unknown height.

WEATHER COLUMN-

*	Tornado
T	Thunderstorm
Q	Squall
R	Rain
RW	Rain showers
ZR	Freezing rain
L	Drizzle
ZL	Freezing drizzle
S	Snow
SP	Snow pellets
IC	Ice crystals
SW	Snow showers
SG	Snow grains
E	Sleet
A	Hail
AP	Small hail
F	Fog
IF	Ice fog
GF	Ground fog
BD	Blowing dust
BN	Blowing sand
BS	Blowing snow
BY	Blowing spray
K	Smoke
H	Haze
D	Dust

WIND COLUMNS-

Directions are indicated in tens of degrees from true North; i.e., 09 for East, 18 for South, 27 for West. Entry of 00 in the direction column indicates calm.

Speed is expressed in knots; multiply by 1.15 to convert to miles per hour.

ADDITIONAL DATA

Other observational data contained in records on file can be furnished at cost via microfilm or microfiche copies of the original records. Inquiries as to availability and costs should be addressed to:

Director
National Weather Records Center
Federal Building
Asheville, N.C. 28801