LOCAL CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF COMMERCE - MAURICE H. STANS, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION -- ENVIRONMENTAL DATA SERVICE

JACKSONVILLE, FLORIDA
JACKSONVILLE IMESON AIRPORT
FEBRUARY 1969

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°) Heating	Cooling	Weather types shown by code 1-9 on dates of occurrence (1 Fog, 2 Heavy Fog, 3 Thunderstorm, 4 Sleet, 5 Hail, 6 Glaze, 7 Duststorm, 8 Smoke, Haze, 9 Blowing Snow)	Snow, Sleet, or Ice on ground at 07AM (In.)	Precipitation 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 Hours and tenths	Percent of possible	Sky cover (Tenths) Sunrise to sunset	Midnight to midnight	Date
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	79	52	66	9	54	0	1	1 8	0	0	0	30.06	23	7.9	9.4	21	SW	8.3	77	7	7	1
2	80*	56	68	11	55	0	3		0	0	0	30.00	23	9.8	10.4	15	SW	5.1	47	8	8	2
3	75	48	62	5	50	3	0	1 8	0	.24	0	30.01	29	8.4	12.2	40	NW	0.7	6	10	10	3
4	57	36	47	-10	19	18	0		0	0	0	30.34	32	9.7	10.6	21	N	9.3	85	9	7	4
5	64	35	50	-7	25	15	0		0	0	0	30.24	26	4.2	6.5	13	W	9.9	92	7	6	5
6	63	46	55	-2	40	10	0	8	0	T	0	30.00	20	7.3	8.6	19	S	0.0	0	10	9	6
7	78	59	69	12	56	0	4	8	0	0	0	29.92	24	4.1	7.2	14	SW	6.3	57	7	8	7
8	69	59	64	7	58	1	0	1 8	0	.29	0	29.88	15	4.2	7.8	20	S	0.0	0	10	10	8
9	64	49	57	0	44	8	0		0	0	0	29.85	29	14.8	15.7	30	NW	10.0	91	3	2	9
10	59	37	48	-9	29	17	0		0	0	0	30.13	04	4.3	8.2	14	NW	10.3	93	4	3	10
11	64	44	54	-3	40	11	0		0	0	0	29.98	26	6.6	7.1	16	SW	1.3	12	9	7	11
12	72	45	59	2	42	6	0	2 8	0	0	0	29.85	27	9.6	10.2	24	W	10.9	98	0	1	12
13	57	36	47	-10	26	18	0		0	0	0	30.08	01	4.3	8.3	18	SE	11.1	100	0	0	13
14	59	36	48	-9	38	17	0		0	T	0	30.18	05	13.4	14.1	32	NE	0.9	8	10	8	14
15	62	50	56	-1	53	9	0	1 3 8	0	2.65	0	29.84	06	12.8	16.5	46	NE	0.0	0	10	10	15
16	50	41	46	-11	40	19	0	1 8	0	.05	0	29.70	32	7.4	9.5	18	NW	0.0	0	10	10	16
17	52	40	46	-12	36	19	0		0	T	0	29.91	30	9.5	10.1	18	NW	0.5	4	10	10	17
18	56	41	49	-9	36	16	0	8	0	0	0	30.01	31	9.2	9.5	19	NW	1.3	12	9	7	18
19	61	35	48	-10	32	17	0	8	0	0	0	30.10	30	5.7	7.2	12	NW	11.2	100	0	0	19
20	59	39	49	-9	34	16	0	8	0	0	0	30.14	04	4.4	8.8	16	NE	7.4	66	5	4	20
21	60	40	50	-8	38	15	0	8	0	0	0	30.15	04	8.8	10.6	22	NE	8.2	73	5	7	21
22	59	46	53	-6	50	12	0	1 8	0	.15	0	30.04	03	8.3	8.8	24	E	0.1	1	10	9	22
23	59	52	56	-3	51	9	0	1 8	0	.01	0	29.94	33	5.1	6.8	15	NW	0.3	3	10	10	23
24	57	42	50	-9	41	15	0		0	0	0	30.02	34	6.3	7.1	14	NW	3.0	26	8	7	24
25	65	38	52	-7	38	13	0	1 8	0	0	0	30.03	31	3.6	6.9	14	E	11.4	100	0	0	25
26	63	41	52	-7	39	13	0	1 8	0	0	0	29.95	28	5.8	8.2	17	W	9.9	86	0	0	26
27	61	37	49	-10	38	16	0	8	0	0	0	29.98	02	3.5	6.9	17	E	10.6	92	0	2	27
28	69	33*	51	-9	42	14	0	2 8	0	T	0	29.98	09	3.1	8.5	20	E	10.0	86	1	4	28

Sum	Sum				Total	Total		Total	Total	For the month:						Total	% for month	Sum	Sum
1773	1213				327	8	Number of days	3.39	0	30.01	32	3.3	9.3	46	NE	158.0		172	166
Avg.	Avg.	Avg.	Dep.	Avg.	Dep.	Dep.	Precipitation	Dep.						Date:	15	Possible		Avg.	Avg.
63.3	43.3	53.3	-4.2	41	81		≥ .01 inch 6	0.48								311.2	51	6.1	5.9

Number of days				Season to date Total	Total
Maximum Temp.		Minimum Temp.		1231	10
≲ 32°	≳ 90° ‡	≲ 32°	≲ 0°	Dep.	Dep.
0	0	0	0	187	

Snow, sleet ≥ 1.0 inch 0
Thunderstorms 1
Heavy fog X 2

Greatest in 24 hours and dates				Greatest depth on ground of snow, sleet or ice and date	
Precipitation		Snow. Sleet			
2.69	15-16	0		0	

HOURLY PRECIPITATION (Water equivalent in inches)

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									T			.24													3
4																									4
5																									5
6										T															6
7																									7
8															.02	.18	.08	.01	T	T	T				8
9																									9
10																									10
11																									11
12																									12
13																									13
14																							T	T	14
15	T				T	.16	.21	.24	.27	.37	.40	.42	.49	.09	T							T			15
16		.02	.01	.01	T	T	T	T		.01	T	T												T	16
17	T																								17
18																									18
19																									19
20																									20
21																									21
22													T	.06	.02	T		T	T	T	.02	.05	T	T	22
23	.01																								23
24																									24
25																									25
26																									26
27																									27
28																							T	T	28

* Extreme temperatures for the month. May be the last of more than one occurrence.
– Below zero temperature or negative departure from normal.
‡ ≥ 70° at Alaskan stations.
\+ Also on an earlier date, or dates.
X Heavy fog restricts visibility to ¼ mile or less.
T In the Hourly Precipitation table and in columns 9, 10, and 11 indicates an amount too small to measure.

The season for degree days begins with July for heating and with January for cooling.
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.

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I certify that this is an official publication of the Environmental Science Services Administration, and is compiled from records on file at the National Weather Records Center, Asheville, North Carolina 28801.

William H. Haggard

Director, National Weather Records Center

SUMMARY BY HOURS

Hour (Local time)	AVERAGES Sky cover (tn tenths)	Station pressure (In.)	Dry bulb (°F)	Wet bulb (°F)	Rel. hum. %	Dew point (°F)	Wind speed (m.p.h.)	Resultant wind Direction	Speed (m.p.h.)
01	6	30.01	49	45	76	41	7.6	31	2.9
04	6	30.00	48	45	77	40	7.7	31	3.8
07	6	30.03	46	43	80	40	7.8	31	5.0
10	6	30.06	54	48	66	42	11.8	34	4.8
13	6	30.01	60	50	52	40	11.7	31	4.1
16	6	29.97	61	51	49	40	12.0	31	3.3
19	6	30.00	55	48	62	42	8.5	02	1.5
22	5	30.01	51	47	72	42	7.5	29	2.1

OBSERVATIONS AT 3-HOUR INTERVALS

HOUR	SKY COVER (Tenths)	CEILING (Hnds. of ft.)	VISIBILITY WHOLE MILES	VISIBILITY 16ths MILE	WEATHER	DRY BULB (°F)	WET BULB (°F)	REL. HUM. (%)	DEW PT. (°F)	WIND DIR.	WIND SPEED (Knots)
DAY 01											
01	10	CIR	10			62	58	78	55	19	10
04	8	UNL	10			60	57	81	54	24	7
07	4	UNL	6		GFK	55	53	90	52	32	4
10	6	UNL	10			66	60	70	56	21	11
13	6	UNL	12			77	63	45	54	27	11
16	8	UNL	10			78	64	44	54	23	10
19	10	UNL	10			72	62	55	55	23	6
22	8	UNL	8			67	60	66	55	23	6
DAY 02											
01	10	150	10			64	58	70	54	20	7
04	8	CIR	10			61	57	78	54	26	6
07	7	UNL	10			57	55	90	54	22	6
10	9	CIR	10			69	61	63	56	23	15
13	9	CIR	12			78	65	47	56	20	12
16	10	100	12			79	64	44	55	24	11
19	8	CIR	10			74	63	52	55	24	7
22	3	UNL	10			69	61	63	56	22	8
DAY 03											
01	10	CIR	10			63	60	84	58	21	6
04	6	UNL	10			64	61	84	59	22	6
07	8	150	10			63	61	90	60	23	6
10	10	12	7			69	66	87	65	25	10
13	10	25	8			67	64	87	63	25	10
16	10	90	12			60	51	52	42	33	23
19	10	90	12			54	44	43	32	33	12
22	10	100	12			49	38	55	22	32	12
DAY 04											
01	9	CIR	12			46	36	37	21	32	9
04	10	CIR	12			43	33	34	16	33	10
07	2	UNL	12			37	30	46	18	29	8
10	8	UNL	12			44	35	35	18	33	17
13	8	UNL	12			53	38	20	13	35	8
16	10	UNL	15			56	41	21	16	30	11
19	7	UNL	12			49	38	35	22	31	7
22	7	UNL	12			43	36	47	24	24	4
DAY 05											
01	6	UNL	12			41	35	53	25	28	5
04	2	UNL	8			40	34	55	25	27	4
07	2	UNL	8			36	31	59	23	28	6
10	4	UNL	10			50	40	39	26	31	7
13	6	UNL	10			60	44	23	22	23	4
16	8	UNL	12			64	46	21	23	25	9
19	7	CIR	12			51	43	48	32	12	6
22	6	UNL	10			50	40	38	25	21	4
DAY 06											
01	4	UNL	8			48	41	52	31	21	4
04	10	140	8			48	41	54	32	20	4
07	6	120	6		K	48	42	61	35	25	5
10	10	80	6		K	50	44	59	36	12	7
13	4	90	6		K	60	48	38	34	19	9
16	10	100	6		K	61	54	60	47	19	8
19	6	40	7			63	56	65	51	20	11
22	3	UNL	10			62	57	75	54	23	12
DAY 07											
01	1	UNL	10			61	58	84	56	23	6
04	10	11	8			60	58	90	57	23	7
07	10	17	8			60	59	93	58	26	3
10	9	20	7			65	61	81	59	26	8
13	8	UNL	8			73	63	57	57	24	4
16	7	CIR	12			77	61	39	50	28	10
19	8	CIR	12			63	59	81	57	12	8
22	9	CIR	10			60	58	90	57	11	4
DAY 08											
01	10	CIR	7			60	58	90	57	06	7
04	6	2			GF	59	58	93	57	03	9
07	10	10	4		GFK	59	58	93	57	00	0
10	10	140	3		GFK	62	60	90	59	17	5
13	10	CIR	6		K	69	61	61	53	17	7
16	10	60	1	8	RK	63	61	87	59	16	6
19	10	11	5		R	62	60	90	59	18	8
22	9	6	8			62	61	93	60	19	12
DAY 09											
01	7	11	10			64	62	90	61	26	10
04	0	UNL	10			61	59	87	57	26	9
07	4	UNL	12			55	50	72	46	28	19
10	5	UNL	12			54	47	59	40	29	18
13	4	UNL	15			61	50	43	38	32	23
16	0	UNL	15			64	50	33	36	29	13
19	0	UNL	15			57	47	46	36	30	9
22	0	UNL	15			51	44	54	35	29	8
DAY 10											
01	0	UNL	12			46	40	61	33	32	6
04	0	UNL	12			42	37	63	30	34	8
07	4	UNL	12			38	34	70	29	35	8
10	3	UNL	15			47	41	58	33	06	8
13	8	UNL	15			56	43	30	25	03	9
16	1	UNL	15			39	43	21	19	11	8
19	1	UNL	12			47	39	48	28	09	5
22	0	UNL	12			44	40	71	35	16	5
DAY 11											
01	4	UNL	10			46	41	66	35	28	4
04	9	150	10			47	43	71	38	23	5
07	10	130	10			47	43	71	38	27	5
10	10	100	12			54	48	64	42	27	8
13	10	CIR	10			60	51	54	43	24	6
16	10	CIR	10			64	52	43	41	25	10
19	10	120	10			62	51	46	41	28	5
22	1	UNL	10			53	48	69	43	30	6
DAY 12											
01	0	UNL	12			50	47	83	45	28	8
04	0	UNL	3		GF	48	46	89	45	26	4
07	3	UNL	0	4	GF	46	45	89	43	29	5
10	0	UNL	6		H	59	53	67	48	28	11
13	0	UNL	8			69	55	39	43	25	13
16	0	UNL	8			72	54	27	36	26	17
19	0	UNL	12			64	50	35	36	31	6
22	0	UNL	12			57	47	47	37	30	7
DAY 13											
01	0	UNL	10			50	41	44	29	32	8
04	0	UNL	10			43	35	40	20	33	8
07	0	UNL	12			37	31	50	20	33	9
10	0	UNL	12			44	35	40	21	04	10
13	0	UNL	15			54	41	26	20	34	5
16	0	UNL	15			55	44	39	30	12	10
19	0	UNL	10			46	39	54	30	10	5
22	0	UNL	10			43	39	71	34	05	3
DAY 14											
01	0	UNL	12			38	36	79	32	01	5
04	3	UNL	12			42	39	73	34	36	5
07	9	140	12			45	41	68	35	01	6
10	9	150	12			57	48	49	38	06	18
13	10	CIR	10			59	49	48	39	05	15
16	10	42	8			55	48	59	41	05	15
19	10	38	8			53	47	64	41	05	17
22	10	30	10			53	48	72	44	06	17
DAY 15											
01	10	65	12			56	51	72	47	06	17
04	5	45	12			58	53	72	49	09	17
07	10	24	4		R	57	55	90	54	08	16
10	10	8	1	8	RF	57	55	90	54	05	20
13	10	5	1		TRWF	53	51	90	50	05	20
16	10	10	3		H	59	58	93	57	11	9
19	10	16	4		H	62	59	84	57	31	9
22	10	5	4		F	58	56	90	55	33	7
DAY 16											
01	10	5	5		F	49	47	89	46	01	11
04	10	5	5		RF	45	44	89	42	01	8
07	10	4	1	8	LF	43	42	89	40	33	5
10	10	3	1	8	LF	43	42	89	40	31	10
13	10	6	4		FKH	42	41	89	39	25	8
16	10	10	7			45	42	77	38	30	9
19	10	11	7			43	40	79	37	28	8
22	10	11	7			42	39	79	36	31	7
DAY 17											
01	10	12	8			41	38	79	35	30	7
04	10	15	10			41	38	76	34	31	7
07	10	16	8			40	37	73	32	30	7
10	10	19	7			42	38	71	33	30	12
13	10	25	8			49	43	61	36	27	14
16	10	40	8			52	45	59	38	31	9
19	10	26	10			50	45	66	39	33	7
22	10	50	12			48	44	71	39	33	7
DAY 18											
01	10	48	12			47	43	71	38	30	6
04	9	50	12			45	42	77	38	32	7
07	10	28	7			43	41	86	39	29	6
10	10	23	6		H	46	42	71	37	30	8
13	10	100	7			54	46	51	36	31	12
16	9	55	10			55	45	43	33	33	12
19	3	UNL	10			49	42	56	34	31	9
22	0	UNL	10			44	40	68	34	28	6
DAY 19											
01	0	UNL	7			40	37	79	34	28	6
04	0	UNL	10			38	36	79	32	30	6
07	0	UNL	10			36	34	79	30	30	7
10	2	UNL	7			45	40	65	34	30	8
13	1	UNL	7			58	45	32	28	31	8
16	0	UNL	10			61	46	29	28	30	7
19	0	UNL	10			49	43	61	36	10	5
22	0	UNL	6		K	43	40	79	37	28	3
DAY 20											
01	3	UNL	5		K	40	38	82	35	27	4
04	0	UNL	7			40	36	68	30	30	7
07	8	130	6		K	40	36	65	29	34	10
10	4	UNL	7			50	44	64	38	05	8
13	4	UNL	10			58	48	44	36	08	12
16	8	UNL	10			58	47	41	34	10	10
19	7	CIR	10			47	41	56	32	10	5
22	3	UNL	10			43	40	73	35	02	5
DAY 21											
01	6	UNL	6		K	40	38	82	35	29	5
04	10	CIR	2		K	40	38	86	36	34	5
07	10	CIR	4		K	41	38	79	35	01	9
10	6	CIR	6		K	54	48	62	41	05	13
13	3	UNL	7			59	50	50	40	05	11
16	7	UNL	10			56	47	51	38	06	12
19	8	UNL	10			48	44	71	39	06	11
22	10	150	8			47	45	83	42	06	8
DAY 22											
01	10	CIR	8			48	46	83	43	06	7
04	8	UNL	8			50	47	83	45	04	7
07	8	100	7			51	49	90	48	04	7
10	10	11	6		K	58	55	84	53	03	7
13	10	60	6		RK	57	55	87	53	36	8
16	10	30	3		K	57	56	93	55	01	13
19	10	7	2		KH	57	55	90	54	04	7
22	10	3	3		RFK	55	53	90	52	04	5
DAY 23											
01	10	36	4		FK	54	52	90	51	09	6
04	10	23	6		F	54	53	96	53	32	5
07	8	12	1		FK	52	51	96	51	31	4
10	10	6	1		FK	55	54	96	54	33	8
13	10	14	5		KH	58	55	84	53	29	8
16	10	14	5		KH	58	54	78	51	34	7
19	10	16	5		KH	56	52	78	49	32	5
22	10	14	10			54	50	77	47	33	4
DAY 24											
01	10	12	7			51	47	77	44	35	5
04	10	15	8			49	46	80	43	33	6
07	10	15	8			49	46	77	42	33	6
10	10	16	8			48	44	74	40	32	7
13	10	24	8			50	45	69	40	34	6
16	4	UNL	12			56	49	57	41	36	10
19	0	UNL	12			49	44	69	39	03	6
22	0	UNL	7			43	41	83	38	27	3
DAY 25											
01	0	UNL	12			40	38	86	36	32	5
04	0	UNL	10			40	38	86	36	32	5
07	0	UNL	3		GFK	38	37	89	35	32	6
10	0	UNL	6		K	51	47	74	43	01	8
13	0	UNL	10			59	48	44	37	30	7
16	0	UNL	10			63	49	35	35	27	6
19	0	UNL	10			52	46	66	41	12	7
22	0	UNL	8			46	43	77	39	23	4
DAY 26											
01	0	UNL	8			44	43	93	42	24	5
04	0	UNL	7			43	40	79	37	26	5
07	0	UNL	4		GF	41	40	93	39	28	6
10	0	UNL	7			50	43	57	35	33	11
13	0	UNL	8			58	49	51	40	27	16
16	0	UNL	7			62	48	34	33	27	8
19	0	UNL	7			53	47	64	41	09	3
22	0	UNL	6		K	47	43	83	42	06	3
DAY 27											
01	0	UNL	8			43	42	89	40	29	3
04	0	UNL	7			41	40	93	39	22	4
07	0	UNL	5		K	38	37	89	35	26	4
10	0	UNL	8			51	43	48	32	36	6
13	0	UNL	10			61	49	38	35	36	10
16	0	UNL	10			57	49	53	40	06	10
19	0	UNL	8			50	47	77	43	08	7
22	0	UNL	7			47	43	86	43	03	4
DAY 28											
01	4	UNL	7			43	42	96	42	36	4
04	3	UNL	3		GF	39	39	96	38	32	6
07	0	UNL	2		GFK	35	35	100	35	32	6
10	2	UNL	6		K	59	50	50	40	08	9
13	0	UNL	12			67	52	35	38	09	10
16	0	UNL	12			66	53	42	42	12	10
19	8	140	10			59	53	70	49	11	6
22	10	140	10			59	55	81	53	21	8

NOTES

CEILING COLUMN—

UNL indicates an unlimited ceiling.
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 those from which the wind blows, 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

STATION: JACKSONVILLE FLA

YEAR & MONTH: 69 02