LOCAL CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

JACKSONVILLE, FLORIDA
INTERNATIONAL AIRPORT
FEBRUARY 1972

Latitude 30° 30′ N Longitude 81° 42′ W Elevation (ground) 26 ft. Standard time used: EASTERN WBAN #13889

Date	Temperature °F: Maximum	Minimum	Average	Departure from normal	Average dew point	Degree days Base 65°: Heating	Cooling	Weather types on dates of occurrence (1 Fog, 2 Heavy fog x, 3 Thunderstorm, 4 Ice pellets, 5 Hail, 6 Glaze, 7 Duststorm, 8 Smoke, Haze, 9 Blowing snow)	Snow, ice pellets or ice on ground at 07AM In.	Precipitation: Water equivalent In.	Snow, ice pellets 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	64	53	59	2	55	6	0	1	0	.68	0	29.93	05	9.2	9.6	17	NE	0.0	0	10	10	1
2	63	47	55	-2	51	10	0	1	0	.02	0	29.88	03	5.8	7.5	15	NW	1.5	14	10	10	2
3	71	45	58	1	56	7	0	1 3 8	0	.40	0	29.83	26	6.4	11.9	30	NW	0.5	4	10	9	3
4	54	34	44	-13	25	21	0		0	0	0	30.32	31	13.2	13.4	24	NW	10.8	100	0	0	4
5	51	28*	40*	-17	27	25	0		0	0	0	30.47	03	6.1	7.3	14	NE	10.8	99	5	2	5
6	73	36	55	-2	46	10	0		0	0	0	30.14	22	4.6	6.8	19	S	9.8	90	2	4	6
7	67	55	61	4	56	4	0	1 3 8	0	.51	0	29.85	29	4.4	8.1	18	W	1.8	16	10	10	7
8	55	48	52	-5	45	13	0	8	0	0	0	30.12	03	13.6	13.8	21	NE	0.1	1	10	10	8
9	49	41	45	-12	38	20	0	1 8	0	.28	0	30.17	01	9.6	9.8	17	N	0.0	0	10	10	9
10	56	36	46	-11	37	19	0		0	T	0	30.27	03	13.6	14.2	27	NE	5.2	47	6	8	10
11	55	47	51	-6	48	14	0	1 8	0	.09	0	30.26	03	11.4	11.7	16	N	0.0	0	10	10	11
12	63	48	56	-1	55	9	0	1 8	0	.20	0	30.00	05	2.0	6.9	12	S	0.0	0	10	10	12
13	61	45	53	-4	43	12	0		0	0	0	29.82	27	14.4	15.7	26	W	3.3	30	8	7	13
14	65	36	51	-6	35	14	0	8	0	0	0	30.02	28	7.0	8.3	15	NW	8.6	78	6	5	14
15	60	48	54	-3	46	11	0	8	0	T	0	29.99	24	4.5	5.8	11	SW	1.0	9	9	9	15
16	61	52	57	0	55	8	0	1 8	0	.90	0	29.87	03	3.7	6.0	12	N	0.0	0	10	10	16
17	65	54	60	2	56	5	0	1 8	0	.03	0	29.81	24	2.1	4.6	12	NW	0.6	5	10	10	17
18	70	49	60	2	51	5	0	23	0	.03	0	29.80	27	8.5	9.9	29	SW	4.6	41	7	6	18
19	49	39	44	-14	20	21	0		0	0	0	29.97	30	20.1	20.6	38	NW	10.2	90	1	0	19
20	58	34	46	-12	18	19	0		0	0	0	30.26	30	12.1	12.5	24	NW	11.3	100	0	0	20
21	66	30	48	-10	30	17	0		0	0	0	30.40	19	1.8	3.5	10	S	11.3	100	0	0	21
22	75	35	55	-4	43	10	0		0	0	0	30.34	27	3.4	4.6	14	W	11.0	97	1	2	22
23	75	55	65	6	54	0	0	2	0	0	0	30.28	08	2.5	5.8	11	NE	5.8	51	5	8	23
24	76	50	63	4	53	2	0	1	0	0	0	30.06	23	6.5	6.8	16	SW	10.1	89	9	5	24
25	82	55	69	10	56	0	4		0	0	0	30.00	22	4.3	4.9	14	SW	7.3	64	4	4	25
26	83*	55	69*	10	57	0	4	3	0	.34	0	30.04	25	6.1	9.9	25	N	9.9	86	7	8	26
27	65	54	60	1	57	5	0	2	0	T	0	30.14	04	6.7	8.5	14	NE	0.1	1	10	10	27
28	74	54	64	4	55	1	0	2 8	0	T	0	30.15	04	1.8	5.3	11	SE	7.3	63	7	8	28
29	76	52	64	4	56	1	0	2 8	0	0	0	30.10	15	3.3	4.3	13	E	7.5	65	7	6	29
	Sum 1882	Sum 1315				Total 289	Total 8			Total 3.48	Total 0	For the month: 30.08	32	3.4	8.9	38	NW	Total 150.4	% for month	Sum 194	Sum 191	
	Avg. 64.9	Avg. 45.3	Avg. 55.1	Dep. -2.4	Avg. 45	Dep. 36	Dep.	Number of days		Dep.						Date: 19		Possible 322.8	47	Avg. 6.7	Avg. 6.6	

Number of days				Season to date	
Maximum Temp.		Minimum Temp.		Total	Total
≧ 90° ‡	≦ 32°	≦ 32°	≦ 0°	690	62
0	0	2	0	Dep. -361	Dep.

Precipitation ≧ .01 inch	11
Snow, ice pellets ≧ 1.0 inch	0
Thunderstorms	4
Heavy fog X	5
Clear 6 Partly cloudy 9 Cloudy 14	

Greatest in 24 hours and dates: Precipitation		Snow, ice pellets
.93	16-17	0

Greatest depth on ground of snow, ice pellets or ice and date: 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								T	.01	.06	.06	.17	.09	.09	.04	.01	.04	T	T	.03	.03	.01	T	.04	1
2	.01	T	T	T	.01	T																			2
3										T	.07	.32	.01												3
4																									4
5																									5
6																									6
7						.01	.30	.20	T	T					T	T									7
8																									8
9					.02	.02	.07	.05	.02	.03	.01	T	T	T	T	T	.01	.01	.01	.01	.01	T	.01		9
10																								T	10
11		T	.01	T	.01	T	T	.03	.02	T	T		.01	T	.01	T	T	T		T	T				11
12				T	T		T	T	T	T	T					T	T	.03	.04	.07	.04	.01	.01	T	12
13																									13
14																									14
15												T	T	T	T	T									15
16										T	T	T	.02	.02	.01	T	.07	.13	.21	.17	.14	.06	.04	.03	16
17	.02	T	T	T	T		.01	T	T																17
18													T	.03	T										18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																			.06	.21	.05	.02	T		26
27															T	T									27
28		T	T	T	T	T	T	T	T	T															28
29																									29

* 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 National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

SUMMARY BY HOURS

Hour Local time	AVERAGES: Sky cover Tenths	Station pressure In.	Temperature: Air °F	Wet bulb °F	Dew Pt. °F	Relative humidity %	Wind speed m.p.h.	Resultant wind: Direction	Speed m.p.h.
01	6	30.08	51	48	44	81	7.4	33	3.3
04	7	30.07	49	47	44	84	6.5	32	3.4
07	7	30.09	47	46	44	87	6.6	33	4.0
10	7	30.12	55	51	46	73	10.4	32	3.5
13	7	30.08	62	54	46	61	12.0	30	3.9
16	6	30.03	63	55	47	60	11.4	29	4.1
19	6	30.06	56	51	47	74	9.2	35	3.0
22	6	30.09	52	49	46	82	7.7	35	3.1

OBSERVATIONS AT 3-HOUR INTERVALS

HOUR	SKY COVER Tenths	CEILING Hnds. of ft.	VISIBILITY Whole Miles	VISIBILITY 16ths MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW PT. °F	REL. HUM. %	WIND DIR.	WIND SPEED Knots
					DAY 01						
01	10	28	7			54	50	47	77	06	10
04	8	28	7			56	51	47	72	06	10
07	10	30	7			56	53	50	80	03	9
10	10	23	1		RF	58	57	56	93	04	13
13	10	7	1		RF	62	61	60	93	04	7
16	10	6	2		RF	64	63	62	93	08	7
19	10	3	2		F	63	62	62	97	02	4
22	10	4	3		RF	56	55	55	96	06	7
					DAY 02						
01	10	6	6		R	51	50	50	96	35	8
04	10	5	2	8	RF	47	46	46	96	34	8
07	10	6	7			48	47	47	96	36	5
10	10	13	7			52	51	50	93	01	6
13	10	16	7			59	56	53	81	03	7
16	8	UNL	7			63	57	53	70	11	3
19	10	9	7			56	54	53	90	07	10
22	10	7	5		F	56	55	54	93	07	5
					DAY 03						
01	10	7	7			56	55	55	96	03	7
04	10	5	7			57	56	55	93	00	0
07	10	18	4		FK	59	58	57	93	13	4
10	10	8	5		RH	68	67	66	93	19	12
13	10	100	7			71	68	67	87	22	15
16	10	250	7			68	63	59	73	27	19
19	9	150	7			59	55	51	75	29	11
22	0	UNL	7			49	43	37	63	32	15
					DAY 04						
01	0	UNL	7			43	38	32	65	30	10
04	0	UNL	7			39	36	31	73	30	16
07	0	UNL	7			35	32	28	76	30	10
10	0	UNL	7			41	35	24	51	31	13
13	0	UNL	7			51	39	21	31	32	15
16	0	UNL	7			53	39	18	25	31	14
19	0	UNL	7			44	35	19	37	33	10
22	0	UNL	7			37	32	24	59	31	5
					DAY 05						
01	0	UNL	7			35	30	20	54	34	7
04	0	UNL	7			31	27	19	61	36	4
07	0	UNL	7			28	26	20	72	36	4
10	7	300	7			39	32	20	46	04	7
13	9	300	7			49	41	30	48	06	11
16	7	UNL	7			51	42	31	46	08	9
19	0	UNL	7			44	41	37	76	01	5
22	0	UNL	7			39	37	35	86	01	4
					DAY 06						
01	0	UNL	7			37	36	34	89	29	3
04	2	UNL	7			39	38	37	93	33	3
07	3	UNL	7			41	40	39	93	29	6
10	0	UNL	7			60	56	52	75	14	4
13	4	UNL	7			71	60	51	49	19	12
16	2	UNL	7			73	60	50	44	22	10
19	2	UNL	7			63	56	50	63	23	6
22	10	150	7			57	54	52	83	19	3
					DAY 07						
01	10	80	7			58	54	51	78	17	4
04	10	50	7			61	57	54	78	19	5
07	10	20	4		TRW	58	57	57	96	30	7
10	10	6	2	8	F	61	60	60	97	23	5
13	10	15	7			66	63	61	84	24	9
16	8	120	7			67	62	59	76	33	11
19	8	300	7			59	57	55	87	32	6
22	10	15	7			57	55	53	87	35	9
					DAY 08						
01	10	21	7			54	50	47	77	02	10
04	10	50	7			52	50	48	86	36	6
07	9	250	7			50	48	46	86	01	8
10	10	16	7			53	50	47	80	04	16
13	10	15	4		H	52	49	46	80	03	14
16	10	14	4		H	49	46	44	83	03	14
19	10	24	7			48	44	40	74	03	16
22	10	24	7			49	45	40	71	03	12
					DAY 09						
01	10	22	7			49	45	40	71	02	12
04	10	25	7			47	43	38	71	02	8
07	10	33	5		R	43	41	39	86	35	6
10	10	36	3		RF	43	41	39	86	35	6
13	10	40	5		H	45	42	39	80	02	12
16	10	40	3		RH	43	41	39	86	01	6
19	10	50	5		RH	42	40	37	83	02	9
22	10	60	6		R	42	38	32	68	36	9
					DAY 10						
01	10	70	7			40	35	28	62	03	10
04	10	70	7			39	35	30	70	36	12
07	9	23	7			37	34	29	73	36	11
10	0	UNL	7			49	45	41	74	05	13
13	6	20	7			56	51	47	72	04	14
16	10	26	7			52	48	43	72	03	13
19	10	21	7			49	43	37	63	02	14
22	10	20	7			50	44	38	64	04	12
					DAY 11						
01	10	70	7			50	46	41	71	04	13
04	10	18	7		R	50	49	48	93	02	8
07	10	8	2		LF	49	48	47	93	03	13
10	10	6	1	4	RFK	50	49	49	96	05	11
13	10	5	2	8	RFK	54	53	52	93	02	11
16	10	4	1	4	RFK	52	51	51	96	01	10
19	10	4	1	4	FK	50	49	49	96	04	7
22	10	5	1	4	F	49	48	48	96	02	8
					DAY 12						
01	10	6	3		F	49	49	49	100	34	6
04	10	6	3		LFKH	49	49	49	100	02	7
07	10	4	1	4	LFKH	50	50	50	100	01	4
10	11	3	1		LFK	52	52	52	100	36	4
13	10	4	1		FK	59	58	58	97	08	5
16	10	250	2		RKH	63	61	59	87	35	4
19	10	80	1		RFK	60	59	59	97	14	6
22	10	33	3		F	61	60	60	97	17	12
					DAY 13						
01	10	250	7			63	61	60	90	28	14
04	10	250	7			53	50	47	80	30	12
07	10	100	7			49	46	43	80	30	10
10	10	250	7			50	45	39	66	28	13
13	10	250	7			55	47	38	53	25	15
16	7	270	7			59	49	38	46	24	18
19	1	UNL	7			54	46	38	55	26	12
22	0	UNL	7			49	43	37	63	30	15
					DAY 14						
01	0	UNL	7			44	40	35	71	27	10
04	0	UNL	7			40	38	35	82	27	6
07	0	UNL	7			37	35	33	85	29	4
10	2	UNL	7			51	44	35	54	29	13
13	7	UNL	7			61	47	30	31	33	10
16	6	UNL	7			65	49	30	27	23	8
19	10	120	7			57	49	40	53	27	3
22	9	300	7			54	47	39	57	21	4
					DAY 15						
01	10	120	7			52	47	41	66	26	5
04	10	120	7			49	46	43	80	15	3
07	10	80	7			49	46	43	80	24	4
10	10	60	7			53	49	45	74	19	7
13	10	200	6		K	59	51	43	56	24	9
16	7	65	7			59	53	48	67	29	4
19	5	UNL	7			54	52	50	86	22	4
22	5	UNL	7			51	51	51	100	29	4
					DAY 16						
01	10	110	7			54	53	52	93	18	4
04	10	110	7			53	52	52	96	32	3
07	10	80	7			52	52	52	100	16	3
10	10	90	5		KH	57	55	54	90	04	5
13	10	80	2	8	RKH	60	59	58	93	35	5
16	10	65	2	8	RKH	60	59	58	93	04	8
19	10	5	2		RFK	57	57	57	100	02	8
22	10	5	5		RFK	56	56	56	100	04	6
					DAY 17						
01	10	4	7		R	56	55	55	96	06	3
04	10	4	2	8	LF	55	55	55	100	17	3
07	10	3	1	4	RF	56	56	56	100	32	8
10	10	9	5		F	58	57	57	96	26	6
13	10	90	7			60	58	56	87	23	5
16	10	120	7			62	59	57	84	18	4
19	7	250	7			59	57	56	90	20	3
22	10	270	7			56	55	55	96	00	0
					DAY 18						
01	10	250	1		GF	55	54	54	96	00	0
04	10	250	0	12	GF	53	53	53	100	00	0
07	10	90	0	8	F	52	52	52	100	28	3
10	8	20	3		GF	61	60	59	93	22	6
13	10	40	5		TRW	68	61	56	66	22	14
16	5	UNL	7			63	56	50	63	27	17
19	1	UNL	7			54	48	42	64	30	16
22	0	UNL	7			49	45	40	71	29	13
					DAY 19						
01	0	UNL	7			47	39	28	48	30	14
04	0	UNL	7			43	36	26	51	29	14
07	0	UNL	7			39	34	26	60	26	13
10	3	UNL	7			42	33	17	36	30	24
13	0	UNL	7			45	34	15	30	30	25
16	0	UNL	7			48	37	17	29	30	20
19	0	UNL	7			43	34	18	37	30	16
22	0	UNL	7			41	32	13	32	30	17
					DAY 20						
01	0	UNL	7			39	31	14	36	29	11
04	0	UNL	7			37	30	15	41	28	12
07	0	UNL	7			35	29	15	44	29	9
10	0	UNL	7			45	34	13	27	32	20
13	0	UNL	7			53	39	16	23	29	16
16	0	UNL	7			58	42	17	20	31	12
19	0	UNL	7			48	38	23	37	29	7
22	0	UNL	7			39	35	28	65	00	0
					DAY 21						
01	0	UNL	7			33	32	30	89	00	0
04	0	UNL	7			32	30	26	79	30	3
07	0	UNL	7			31	30	28	89	00	0
10	0	UNL	7			32	42	28	40	29	4
13	0	UNL	7			62	45	20	20	19	7
16	0	UNL	7			65	48	27	24	17	5
19	1	UNL	7			53	48	42	66	13	5
22	0	UNL	7			44	43	42	93	00	0
					DAY 22						
01	0	UNL	7			44	43	41	89	23	3
04	0	UNL	7			39	39	38	96	00	0
07	0	UNL	7			36	35	34	92	00	0
10	0	UNL	7			62	49	36	38	24	7
13	0	UNL	7			72	55	40	31	27	10
16	1	UNL	7			75	60	49	40	34	9
19	4	UNL	7			64	56	50	61	23	3
22	10	50	7			57	56	55	93	00	0
					DAY 23						
01	10	50	7			59	55	51	75	24	3
04	10	90	7			56	53	50	80	26	3
07	10	90	7			55	53	52	90	33	3
10	8	120	7			62	57	53	73	03	6
13	2	UNL	7			75	64	56	52	04	6
16	1	UNL	7			71	63	57	61	13	6
19	8	90	7			58	56	55	90	09	8
22	10	2	0	2	F	56	56	56	100	12	5
					DAY 24						
01	0	UNL	5		GF	54	54	54	100	00	0
04	0	UNL	7			52	51	51	96	21	2
07	8	250	7			50	49	49	96	23	3
10	9	UNL	7			65	59	54	68	23	9
13	8	UNL	7			75	63	54	48	24	10
16	9	250	7			75	62	53	46	24	10
19	8	UNL	7			67	59	53	61	20	7
22	0	UNL	7			61	56	52	72	24	6
					DAY 25						
01	0	UNL	7			56	54	52	87	20	2
04	9	80	7			58	56	54	87	24	5
07	9	80	7			58	56	55	90	27	3
10	1	UNL	7			70	63	59	68	25	6
13	4	UNL	7			78	65	56	47	19	8
16	5	UNL	7			78	65	56	47	23	6
19	0	UNL	7			72	62	56	57	18	4
22	0	UNL	7			64	61	59	84	00	0
					DAY 26						
01	10	100	7			63	61	59	87	18	4
04	9	100	7			62	59	57	84	19	5
07	2	UNL	7			55	54	53	93	25	3
10	8	UNL	7			74	62	53	48	24	12
13	8	UNL	7			82	65	53	37	24	13
16	8	300	7			82	68	59	46	23	14
19	10	50	5		TRW	63	61	60	90	34	12
22	10	60	7		R	62	61	60	93	36	6
					DAY 27						
01	8	90	7			60	59	59	97	26	5
04	8	21	7			58	57	57	96	02	3
07	10	7	2	8	F	58	57	57	96	02	8
10	10	14	7			60	58	56	87	05	11
13	10	16	7			65	60	57	75	36	8
16	10	50	7			61	59	57	87	05	9
19	10	5	1	4	F	58	57	57	96	06	7
22	10	2	1		F	54	54	54	100	06	8
					DAY 28						
01	10	3	1	8	F	55	54	54	96	06	5
04	10	3	1		LF	55	54	54	87	24	5
07	10	4	1		LF	55	54	54	96	02	5
10	10	25	1	8	FK	57	55	54	90	00	0
13	10	32	7			68	61	57	68	34	6
16	5	UNL	7			73	63	56	55	27	8
19	2	UNL	2	8	KH	60	58	56	87	11	6
22	10	1	0	2	FK	55	55	55	100	12	4
					DAY 29						
01	10	0	0	2	F	56	56	56	100	22	3
04	10	0	0	2	F	53	53	53	100	00	0
07	10	0	0	1	F	53	53	53	100	00	0
10	10	3	1		F	59	58	58	97	13	4
13	7	31	7			73	64	58	59	08	3
16	3	UNL	7			76	64	57	52	19	9
19	2	UNL	5		K	64	60	58	81	12	7
22	0	UNL	5		K	59	58	57	93	14	4

NOTES

CEILING COLUMN—

UNL indicates an unlimited ceiling.

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
IP	Ice pellets
A	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, microfiche, or paper copies of the original records. Inquiries as to availability and costs should be addressed to: Director, National Climatic Center, Federal Building, Asheville, North Carolina 28801.

STATION: JACKSONVILLE FLA YEAR & MONTH: 72 02

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