LOCAL CLIMATOLOGICAL DATA

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

JACKSONVILLE, FLORIDA
INTERNATIONAL AIRPORT
FEBRUARY 1971

Latitude 30° 30′ N Longitude 81° 41′ 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	58	35	47	-10	19	18	0		0	0	0	30.18	33	9.8	10.2	16	NW	10.8	100	0	2	1
2	56	30	43	-14	28	22	0		0	0	0	30.40	01	11.7	12.5	18	NE	4.2	38	7	6	2
3	60	49	55	-2	48	10	0	1 8	0	T	0	30.35	03	12.3	12.7	18	NE	0.0	0	10	10	3
4	77	50	64	7	54	1	0	2 8	0	0	0	30.17	12	5.4	8.6	20	SE	5.9	54	6	8	4
5	77	58	68	11	60	0	3	2 8	0	.32	0	29.93	18	6.6	9.5	24	S	3.3	31	9	8	5
6	77	59	68	11	60	0	3	1 8	0	T	0	29.90	22	3.4	6.6	16	E	4.8	44	7	8	6
7	74	59	67	10	61	0	2	23 8	0	1.30	0	29.78	16	8.6	11.1	27	S	0.0	0	10	10	7
8	72	36	54	-3	53	11	0	1 3	0	.68	0	29.68	25	14.2	18.8	36	SW	5.4	50	8	7	8
9	47	30	39	-18	22	26	0		0	0	0	30.16	29	12.3	12.9	22	NW	9.9	90	3	3	9
10	47	26	37*	-20	17	28	0	8	0	0	0	30.37	33	6.2	7.3	13	NW	11.0	100	0	0	10
11	59	24*	42	-15	33	23	0	1 8	0	0	0	30.30	06	5.1	6.5	13	NE	11.0	100	0	0	11
12	75	36	56	-1	47	9	0	2 8	0	.01	0	29.99	18	4.6	7.6	18	SW	8.9	80	3	3	12
13	62	36	49	-8	37	16	0		0	.04	0	29.75	27	20.1	21.7	38	SW	8.9	80	3	4	13
14	56	28	42	-15	22	23	0		0	0	0	30.04	29	10.7	11.2	20	NW	11.1	100	0	0	14
15	69	29	49	-8	28	16	0		0	0	0	30.10	25	1.3	4.6	11	E	11.1	100	1	0	15
16	74	34	54	-3	38	11	0		0	0	0	30.15	14	1.2	4.3	14	E	11.2	100	0	0	16
17	75	35	55	-3	43	10	0	2 8	0	0	0	30.29	07	1.4	4.3	12	E	7.5	67	4	2	17
18	76	39	58	0	44	7	0	1 8	0	0	0	30.31	08	3.5	5.5	16	E	10.2	100	1	1	18
19	75	44	60	2	52	5	0	2 8	0	0	0	30.19	14	5.4	7.1	14	SE	5.3	47	8	5	19
20	81	59	70	12	57	0	5		0	0	0	30.04	20	8.6	9.8	20	SW	7.7	69	6	7	20
21	81	56	69	11	61	0	4	2 8	0	T	0	29.96	15	5.1	7.1	21	SE	6.3	56	9	8	21
22	82	62	72	13	65	0	7	3	0	.18	0	29.83	20	11.1	12.7	30	SW	3.6	32	10	7	22
23	71	48	60	1	42	5	0	8	0	0	0	29.87	27	12.5	12.9	23	SW	10.6	93	0	2	23
24	73	41	57	-2	40	8	0		0	0	0	30.02	30	5.6	6.3	13	W	11.2	98	1	1	24
25	69	47	58	-1	50	7	0	8	0	0	0	30.03	16	4.0	6.2	12	S	1.0	9	10	9	25
26	86*	59	73*	14	64	0	8	23 8	0	T	0	29.96	14	5.8	7.2	16	S	5.7	50	6	7	26
27	80	61	71	12	63	0	6		0	.02	0	29.97	23	8.3	8.6	19	SW	3.6	31	9	7	27
28	78	60	69	9	62	0	4	2 8	0	T	0	30.00	05	3.9	6.0	13	NE	2.7	23	8	6	28

Sum	Sum				Total	Total		Total	Total	For the month:					Total	%	Sum	Sum
1967	1230				256	42	Number of days	2.55	0	30.06	25	2.2	9.3	38	SW	192.9	for	139	131
Avg.	Avg.	Avg.	Dep.	Avg.	Dep.	Dep.	Precipitation	Dep.						Date: 13		Possible	month	Avg.	Avg.
70.3	43.9	57.1	-0.4	45	10		≥ .01 inch 7	-0.36								311.2	62	5.0	4.7

Number of days				Season to date		Snow, ice pellets		Greatest in 24 hours and dates			Greatest depth on ground of snow, ice pellets or ice and date
Maximum Temp.		Minimum Temp.		Total	Total	≥ 1.0 inch	0	Precipitation		Snow, ice pellets	
≥ 90° ‡	≤ 32°	≤ 32°	≤ 0°	Dep.	Dep.	Thunderstorms	4	1.98	7- 8	0	0
0	0	6	0	0		Heavy fog X 9					
						Clear 12	Partly cloudy 6	Cloudy 10			

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	T						3
4																									4
5													.10	.01	.10	.11									5
6				T	T	T	T	T	T																6
7													T	.68	.38	.15	.01	.03	.01	.01	.01			.02	7
8	.08	.03	T	.01	.01	.10	.24	.08	.11	.02															8
9																									9
10																									10
11																									11
12																							T	.01	12
13	T	.02	.02																						13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21						T	T	T																	21
22	T															T	T	.01	.17			T			22
23																									23
24																									24
25																									25
26																	T	T							26
27										.02															27
28													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 gdsts.
Any errors detected will be corrected and changes in summary data will be annotated in the annual summary.

Subscription Price: Local Climatological Data $1.00 per year including annual summary if published. Single copy: 10 cents for monthly summary; 15 cents for annual summary. Checks or money orders should be made payable and remittances and correspondence should be sent to the Superintendent of Documents, U. S. Goverment Printing Office, Washington, D. C. 20402.

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	4	30.06	51	48	45	81	6.7	25	2.0
04	5	30.05	49	47	44	83	6.2	27	2.7
07	5	30.07	48	46	42	83	8.2	26	3.2
10	5	30.11	59	52	46	64	11.1	26	2.9
13	5	30.07	66	56	46	50	12.7	22	4.1
16	5	30.02	67	57	46	50	12.9	26	.9
19	5	30.04	58	53	47	70	8.8	12	.6
22	4	30.07	53	50	47	78	7.6	24	2.7

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	25	7			57	49	40	53	34	10
04	10	38	7			51	41	26	38	33	14
07	0	UNL	7			42	33	15	33	33	12
10	0	UNL	7			42	32	14	32	30	11
13	0	UNL	7			53	38	12	19	32	8
16	0	UNL	7			57	40	11	16	35	8
19	0	UNL	7			44	35	20	38	34	4
22	0	UNL	7			40	32	17	39	35	4
DAY 02											
01	0	UNL	7			36	29	16	44	34	7
04	0	UNL	7			32	27	17	54	33	6
07	2	UNL	7			31	26	14	49	35	6
10	7	50	7			41	34	21	45	01	9
13	10	80	7			50	42	32	50	04	12
16	8	250	7			54	47	40	59	01	18
19	10	13	7			47	44	40	77	02	15
22	10	15	7			49	46	42	77	03	14
DAY 03											
01	10	12	7			50	47	44	80	03	15
04	10	12	7			50	47	45	83	04	10
07	10	9	7			50	48	46	86	02	14
10	10	10	5		KH	54	51	48	80	02	11
13	10	10	5		KH	57	53	50	78	03	10
16	10	9	5		KH	57	54	52	83	05	13
19	10	6	4		KH	51	49	48	90	03	9
22	10	4	4		FKH	50	49	48	93	36	6
DAY 04											
01	10	3	1	8	FK	50	49	49	96	01	5
04	10	3	0	12	FK	52	51	51	96	02	4
07	10	1	0	4	FK	53	52	52	96	04	5
10	2	UNL	4		K	60	56	53	78	08	5
13	5	UNL	6		K	75	65	58	56	15	9
16	8	250	7			73	63	57	57	14	13
19	7	UNL	7			66	60	56	70	15	8
22	10	55	7			66	60	56	70	16	11
DAY 05											
01	4	UNL	7			65	60	56	73	16	10
04	2	UNL	7			59	57	55	87	14	7
07	7	45	7			62	59	57	84	18	10
10	8	UNL	7			72	64	59	64	21	16
13	10	25	2		RW	67	64	63	87	30	6
16	10	23	3		FKH	66	65	64	93	15	4
19	10	50	2		FKH	64	63	62	93	13	8
22	10	100	5		KH	63	62	62	97	25	5
DAY 06											
01	10	250	5		GF	62	61	61	97	22	7
04	10	7	2		LF	62	61	61	97	23	5
07	10	14	5		F	62	61	60	93	28	5
10	9	20	7			66	63	61	84	28	4
13	10	35	7			73	66	62	69	23	8
16	6	70	7			76	67	61	60	31	4
19	6	UNL	7			60	58	57	90	12	8
22	4	UNL	4		FK	61	60	59	93	14	5
DAY 07											
01	10	23	7			62	61	60	93	06	4
04	10	18	3		FK	60	59	58	93	07	4
07	10	3	0	12	FK	63	62	61	93	15	7
10	10	10	4		KH	70	67	65	84	16	15
13	10	80	7		RW	74	68	65	74	19	12
16	10	12	4		RF	62	61	60	93	14	16
19	10	70	7		R	62	60	59	90	16	7
22	10	80	7			63	60	58	84	22	12
DAY 08											
01	10	110	6		R	62	61	60	93	20	11
04	10	6	7			62	61	60	93	25	5
07	10	3	4		TRF	62	61	61	97	15	13
10	10	100	7			66	63	62	87	20	16
13	9	30	7			71	64	59	66	25	23
16	7	40	7			69	58	50	51	26	24
19	1	UNL	7			50	45	40	69	29	20
22	2	UNL	7			39	35	29	67	28	19
DAY 09											
01	0	UNL	7			35	32	27	73	27	10
04	0	UNL	7			32	30	25	75	30	8
07	0	UNL	7			31	29	24	75	30	10
10	4	UNL	7			36	31	22	57	31	12
13	0	UNL	7			44	35	19	37	30	18
16	2	UNL	7			47	36	19	33	26	15
19	1	UNL	7			40	33	20	45	28	9
22	0	UNL	7			35	30	21	57	30	8
DAY 10											
01	0	UNL	7			32	28	19	59	32	8
04	0	UNL	7			28	25	17	63	30	6
07	0	UNL	7			26	23	16	66	30	5
10	0	UNL	7			33	28	17	52	34	11
13	0	UNL	7			42	32	12	29	33	8
16	0	UNL	7			46	34	09	22	31	8
19	0	UNL	6		K	37	32	23	57	07	5
22	0	UNL	7			30	28	25	82	00	0
DAY 11											
01	0	UNL	7			27	26	23	85	31	3
04	0	UNL	7			26	25	22	85	00	0
07	0	UNL	4		K	25	24	20	81	30	3
10	0	UNL	7			46	39	28	50	07	7
13	0	UNL	7			58	49	40	51	08	9
16	0	UNL	7			57	50	44	62	06	12
19	0	UNL	7			47	45	43	86	07	7
22	0	UNL	7			44	43	43	96	04	4
DAY 12											
01	1	UNL	4		GFKH	45	44	44	96	04	3
04	3	UNL	0	4	GFK	39	39	39	100	00	0
07	1	UNL	0	8	GFK	37	37	36	96	00	0
10	1	UNL	7			63	59	56	78	10	11
13	5	UNL	7			72	62	55	55	18	13
16	4	UNL	7			74	59	48	40	21	13
19	4	UNL	7			60	55	50	70	16	6
22	5	UNL	7			59	54	50	72	25	7
DAY 13											
01	10	80	7			60	58	56	87	19	10
04	5	UNL	7			58	55	52	81	25	17
07	10	22	7			46	42	37	71	26	27
10	5	UNL	7			45	39	31	58	28	26
13	4	UNL	7			50	42	32	50	27	20
16	1	UNL	7			50	41	29	44	28	20
19	0	UNL	7			44	38	28	53	28	15
22	0	UNL	7			39	34	27	62	29	16
DAY 14											
01	0	UNL	7			36	32	24	62	27	12
04	0	UNL	7			32	29	24	72	28	10
07	0	UNL	7			29	27	21	72	27	7
10	0	UNL	7			36	30	19	50	30	15
13	0	UNL	7			48	37	17	29	31	13
16	0	UNL	7			55	40	16	21	31	12
19	0	UNL	7			44	38	28	53	28	5
22	0	UNL	7			34	32	28	79	26	4
DAY 15											
01	0	UNL	7			33	31	28	82	27	3
04	0	UNL	7			31	30	27	85	00	0
07	0	UNL	7			30	29	26	85	26	3
10	0	UNL	7			50	39	24	36	33	5
13	0	UNL	7			63	44	16	16	15	4
16	0	UNL	7			69	49	24	18	30	7
19	0	UNL	7			53	46	38	57	13	7
22	0	UNL	7			44	41	38	80	21	3
DAY 16											
01	0	UNL	7			41	39	36	82	00	0
04	0	UNL	7			37	35	33	85	00	0
07	0	UNL	7			34	33	31	89	29	4
10	0	UNL	7			58	51	45	62	31	6
13	0	UNL	7			70	53	35	28	17	5
16	0	UNL	7			71	56	42	35	11	11
19	0	UNL	7			57	49	40	53	13	4
22	0	UNL	7			46	44	41	83	00	0
DAY 17											
01	0	UNL	7			43	41	38	83	00	0
04	0	UNL	7			37	36	35	92	34	3
07	8	UNL	0	2	FK	38	38	37	96	30	3
10	0	UNL	7			62	57	53	73	03	3
13	4	UNL	7			73	58	46	38	23	5
16	2	UNL	7			71	57	45	39	10	7
19	4	UNL	7			59	53	47	65	10	6
22	0	UNL	7			49	46	44	83	06	3
DAY 18											
01	0	UNL	7			44	43	42	93	29	3
04	0	UNL	7			42	41	40	93	00	0
07	0	UNL	5		GFK	40	39	37	89	30	3
10	0	UNL	7			67	58	52	59	05	3
13	2	UNL	7			75	58	44	33	12	10
16	3	UNL	7			73	58	43	37	08	12
19	0	UNL	5		K	58	51	45	62	08	5
22	0	UNL	7			52	49	47	83	08	2
DAY 19											
01	0	UNL	7			48	46	45	89	29	3
04	7	50	3		GF	49	48	47	93	00	0
07	5	UNL	0	6	GF	45	44	44	96	06	3
10	7	40	5		K	66	61	57	73	12	5
13	9	40	7			73	62	54	51	16	10
16	8	70	7			74	63	55	52	11	11
19	6	70	7			63	59	56	78	13	8
22	2	UNL	7			63	58	54	73	17	9
DAY 20											
01	1	UNL	7			62	57	54	75	18	8
04	9	200	7			61	58	56	84	20	7
07	7	UNL	7			60	58	56	87	19	8
10	3	UNL	7			71	63	58	64	19	10
13	2	UNL	7			80	65	56	44	18	15
16	10	250	7			80	66	57	45	26	6
19	10	120	7			71	64	59	66	26	6
22	10	120	7			69	62	58	68	18	8
DAY 21											
01	10	200	7			59	57	56	90	15	4
04	8	UNL	7			57	56	55	93	00	0
07	10	1	0	4	LF	63	62	61	93	21	7
10	9	140	5		F	69	66	64	84	25	5
13	8	UNL	7			77	68	63	62	15	7
16	7	UNL	4		KH	78	69	64	62	10	9
19	8	UNL	7			69	65	63	81	13	10
22	6	UNL	7			67	65	64	90	14	7
DAY 22											
01	10	200	7			68	65	64	87	18	7
04	5	UNL	7			68	66	65	90	18	10
07	2	UNL	7			67	65	64	90	18	9
10	10	13	7			74	69	66	76	18	14
13	10	25	7			80	71	67	65	20	14
16	10	30	7		RW	80	72	68	67	20	14
19	8	18	7			71	70	69	93	27	9
22	3	UNL	7			66	60	56	70	24	11
DAY 23											
01	3	UNL	7			60	56	52	75	24	10
04	8	120	7			60	54	49	67	25	10
07	9	40	7			58	50	42	55	28	14
10	0	UNL	7			60	49	38	44	28	16
13	0	UNL	7			68	54	41	38	26	12
16	0	UNL	5		K	70	54	39	32	28	15
19	0	UNL	7			61	50	39	44	27	7
22	0	UNL	7			52	46	39	61	26	6
DAY 24											
01	0	UNL	7			47	44	40	77	23	5
04	0	UNL	7			43	42	40	89	29	5
07	0	UNL	7			42	40	38	86	30	4
10	0	UNL	7			56	47	38	51	32	6
13	1	UNL	7			66	52	38	36	32	10
16	2	UNL	7			73	55	37	27	32	11
19	0	UNL	7			60	51	43	54	28	3
22	0	UNL	7			51	49	47	86	00	0
DAY 25											
01	8	120	7			50	48	47	89	34	3
04	8	90	7			52	50	49	90	28	3
07	10	85	7			53	51	49	86	24	2
10	10	55	7			65	53	41	42	14	7
13	10	23	5		K	64	56	49	58	18	10
16	10	100	7			65	59	55	70	14	7
19	10	22	5		K	63	59	57	81	12	5
22	10	16	7			60	58	56	87	15	6
DAY 26											
01	10	6	6		K	62	60	58	87	00	0
04	10	10	6		K	62	60	59	90	08	5
07	10	2	0	2	FK	61	60	60	97	10	3
10	10	6	2		FK	68	66	65	90	20	6
13	3	UNL	7			83	72	67	59	16	13
16	6	46	7			83	72	67	59	13	11
19	9	40	7			75	70	67	76	12	7
22	8	40	7			72	69	67	84	20	5
DAY 27											
01	7	250	7			68	63	60	76	17	3
04	2	UNL	7			66	61	58	76	23	5
07	9	220	7			67	63	61	81	22	9
10	10	90	7			72	69	67	84	22	10
13	9	120	7			77	68	63	62	24	14
16	10	120	7			77	67	62	60	25	8
19	8	300	7			73	67	64	74	23	4
22	6	UNL	7			70	67	66	87	24	7
DAY 28											
01	0	UNL	7			63	62	61	93	00	0
04	0	UNL	6		K	65	63	62	90	25	6
07	7	80	0	4	GFK	61	61	61	100	11	3
10	9	80	7			70	63	58	66	06	5
13	10	23	6		K	71	65	61	71	06	12
16	9	80	7			77	70	66	69	05	6
19	10	70	7			70	67	65	84	03	7
22	10	80	7			63	61	60	90	36	3

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: 71 02