Local Climatological Data

FEBRUARY 1978
JACKSONVILLE, FLORIDA
NATIONAL WEATHER SERVICE OFC
INTERNATIONAL AIRPORT

MONTHLY SUMMARY

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 (SEASON BEGINS WITH JULY)	COOLING (SEASON BEGINS WITH JAN.)	WEATHER TYPES ON DATES OF OCCURRENCE (1 FOG, 2 HEAVY FOG, 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 DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE: SPEED M.P.H.	DIRECTION	SUNSHINE: MINUTES	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	48	33	41	-14	39	24	0	1 4	0	.25	T	30.27	04	5.2	6.0	11	NE	0	0	10	9	1
2	59	44	52	-3	48	13	0	1	0	.24	0	30.13	04	2.9	7.8	15	NE	0	0	10	10	2
3	51	41	46	-9	40	19	0	1 8	0	.02	0	30.22	03	10.2	10.4	16	NE	0	0	10	10	3
4	48	35	42	-13	30	23	0		0	0	0	30.31	03	12.4	12.7	22	NE	569	88	7	6	4
5	61	32	47	-8	27	18	0		0	0	0	30.20	36	5.0	6.0	11	N	651	100	5	2	5
6	49	31	40	-15	22	25	0		0	0	0	30.07	31	10.5	10.8	17	NW	652	100	0	0	6
7	42	26	34*	-21	15	31	0		0	0	0	30.15	36	3.1	4.6	10	N	205	31	9	7	7
8	49	26	38	-18	33	27	0	1 8	0	.71	0	30.07	04	9.8	10.8	25	NE	75	11	10	8	8
9	53	40	47	-9	39	18	0	1 8	0	.59	0	29.90	01	14.7	15.2	23	NE	232	35	10	10	9
10	58	32	45	-11	32	20	0	8	0	0	0	29.95	35	4.0	6.8	12	NW	619	94	0	2	10
11	64	30	47	-9	31	18	0		0	0	0	30.03	26	1.2	2.5	11	SE	660	100	0	0	11
12	69	33	51	-5	33	14	0		0	0	0	30.04	11	2.3	3.3	10	NE	662	100	0	0	12
13	75*	41	58	2	44	7	0		0	.02	0	29.83	22	10.8	12.8	26	SW	507	76	5	2	13
14	62	39	51	-5	37	14	0		0	0	0	29.91	28	11.1	12.7	22	W	666	100	1	1	14
15	61	32	47	-9	34	18	0	1 8	0	T	0	30.10	04	2.4	5.5	13	E	484	72	9	6	15
16	57	45	51	-5	49	14	0	2	0	1.00	0	30.05	02	4.3	6.8	16	SE	0	0	10	10	16
17	52	46	49	-7	48	16	0	2 8	0	T	0	30.07	05	7.7	7.9	12	NE	2	0	10	10	17
18	60	47	54	-3	53	11	0	2	0	.50	0	29.85	35	3.3	7.2	22	NW	0	0	10	10	18
19	57	45	51	-6	46	14	0	8	0	0	0	29.90	31	8.0	8.2	14	NW	166	25	10	10	19
20	48	42	45	-12	35	20	0	8	0	0	0	30.04	26	5.8	6.9	10	W	0	0	10	10	20
21	60	37	49	-8	35	16	0	1 8	0	T	0	30.01	27	9.2	10.9	31	NW	423	62	7	6	21
22	47	31	39	-18	18	26	0		0	0	0	30.16	30	16.3	16.7	26	NW	679	100	0	0	22
23	64	25*	45	-12	30	20	0		0	T	0	30.07	25	9.5	10.9	29	SW	460	68	3	2	23
24	63	33	48	-9	29	17	0		0	0	0	30.08	30	6.8	7.5	15	NW	683	100	0	1	24
25	70	36	53	-5	36	12	0		0	0	0	30.07	26	8.5	8.9	16	W	563	82	4	2	25
26	71	47	59*	1	51	6	0	1	0	T	0	30.07	27	8.0	8.9	19	W	303	44	7	5	26
27	68	40	54	-4	39	11	0	1	0	0	0	30.11	05	2.5	4.6	14	NE	569	83	6	5	27
28	60	45	53	-5	51	12	0	1	0	.84	0	29.96	19	4.1	4.6	17	SW	0	0	10	10	28

	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE	DEW POINT	HEATING	COOLING
SUM / TOTAL	1626	1034				484	0
AVG. / DEP.	58.1	36.9	47.5	-8.8	37	202	-38
SEASON TO DATE: TOTAL						1563	5
SEASON TO DATE: DEP.						436	-58

NUMBER OF DAYS			
MAXIMUM TEMP. ≥ 90°	MAXIMUM TEMP. ≤ 32°	MINIMUM TEMP. ≤ 32°	MINIMUM TEMP. ≤ 0°
0	0	9	0

NUMBER OF DAYS	
PRECIPITATION ≥ .01 INCH	9
SNOW, ICE PELLETS ≥ 1.0 INCH	0
THUNDERSTORMS	0
HEAVY FOG	3
CLEAR	8
PARTLY CLOUDY	7
CLOUDY	13

PRECIPITATION: TOTAL 4.17; DEP. 0.59. SNOW, ICE PELLETS: TOTAL T.

FOR THE MONTH: AVG. STATION PRESSURE 30.06; RESULTANT DIR. 33; RESULTANT SPEED 3.5; AVERAGE SPEED 8.5; FASTEST MILE 31 NW, DATE: 21.

SUNSHINE: TOTAL 9830; POSSIBLE 18674; % FOR MONTH 53. SKY COVER: SUM 173, 154; AVG. 6.2, 5.5.

GREATEST IN 24 HOURS AND DATES: PRECIPITATION		SNOW, ICE PELLETS		GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE
1.30	8- 9	T	1	0

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
T TRACE AMOUNT
+ ALSO ON AN EARLIER DATE, OR DATES.
HEAVY FOG: - VISIBILITY 1/4 MILE OR LESS.
FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.
DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS.
FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.
ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

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	30.07	42	39	36	78	7.3	31	3.6
04	5	30.05	41	38	35	80	5.8	34	3.6
07	6	30.07	40	38	35	82	6.5	32	2.7
10	6	30.10	48	44	38	70	9.2	34	3.9
13	7	30.06	55	47	38	56	10.9	32	5.0
16	6	30.01	56	48	38	56	12.0	31	4.6
19	6	30.03	49	44	37	67	8.7	35	2.3
22	5	30.06	45	42	37	75	7.4	33	3.2

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

DATE	A.M. 1	2	3	4	5	6	7	8	9	10	11	12	P.M. 1	2	3	4	5	6	7	8	9	10	11	12	DATE
1				.01	T	.01	.01	.03	.03	.01	.02	.01	.03	.03	.02	.01	T	.01	T	.01	T	T		.01	1
2	.02	.02	T			.02	.02	T	T	.03	.05	.03	.03	T	.01	T	.01	T							2
3															T	T	T	.01	.01	T					3
4																									4
5																									5
6																									6
7																									7
8														T	.02	.04	.10	.08	.11	.08	.10	.06	.06	.06	8
9	.17	.15	.10	.07	.04	.03	T	T	.03																9
10																									10
11																									11
12																									12
13											.02														13
14																									14
15																								T	15
16	.01	.06	.09	.06	.10	.20	.16	.06	.14	.11	.01														16
17									T	T	T														17
18	T	.05	.04	.20	.09	.05	.06	.01																	18
19																									19
20																									20
21														T	T										21
22																									22
23																T	T		T						23
24																									24
25																									25
26															T										26
27																									27
28										T	.01	.02	.05	.06	.05	.01	T	T	.42	.05	.01	.14	T	.02	28

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USCOMM--NOAA--ASHEVILLE 03/20/78 450

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	0	UNL	7			33	32	29	85	00	0
04	10	45	5		RIP	39	36	32	76	06	4
07	10	50	4		R	42	39	36	79	04	3
10	10	50	5		RF	45	43	41	86	04	12
13	10	8	4		RF	48	46	44	86	05	7
16	10	8	2		RF	47	45	44	89	04	8
19	10	7	5		F	45	44	43	93	04	5
22	10	5	2	8	F	46	45	43	89	24	3
DAY 02											
01	10	10	2		RF	46	45	44	93	18	3
04	10	70	2		F	49	48	47	93	00	0
07	10	4	2	8	RF	55	54	53	93	23	9
10	10	40	4		RF	58	56	55	90	24	4
13	10	4	2		RF	51	50	49	93	35	6
16	10	18	3		RF	50	48	47	89	03	7
19	10	6	5		F	48	48	47	93	06	11
22	10	9	5		F	45	44	42	89	05	14
DAY 03											
01	10	11	7			44	42	39	83	03	8
04	10	12	7			43	42	40	89	02	7
07	10	23	7			44	42	40	86	36	5
10	10	19	7			48	46	43	83	03	6
13	10	16	7			49	46	43	80	03	16
16	10	8	1	8	RF	44	43	41	89	02	9
19	10	6	2	8	RF	42	41	40	93	02	10
22	10	18	7			42	39	36	79	04	11
DAY 04											
01	10	28	7			43	39	33	68	04	11
04	10	38	7			41	37	30	65	01	10
07	10	45	7			35	32	28	76	02	10
10	9	250	10			42	37	31	65	04	12
13	8	UNL	10			47	41	32	56	03	14
16	3	UNL	10			46	39	28	50	04	16
19	0	UNL	10			38	34	27	65	04	8
22	0	UNL	10			36	33	27	70	01	7
DAY 05											
01	0	UNL	10			37	33	27	67	36	6
04	0	UNL	10			35	30	22	59	36	4
07	0	UNL	7			34	31	25	70	35	6
10	6	UNL	10			45	40	33	63	03	8
13	6	UNL	10			57	44	28	33	35	4
16	3	UNL	15			61	45	22	22	32	6
19	0	UNL	15			43	37	28	58	06	4
22	0	UNL	10			36	34	31	82	29	4
DAY 06											
01	0	UNL	7			36	33	28	73	29	6
04	0	UNL	7			38	35	29	67	32	10
07	0	UNL	7			32	29	22	67	33	7
10	0	UNL	10			37	31	21	52	32	14
13	0	UNL	10			45	36	22	40	31	9
16	0	UNL	10			49	38	21	33	29	16
19	0	UNL	7			39	31	17	41	30	7
22	0	UNL	10			35	29	17	48	32	6
DAY 07											
01	0	UNL	7			31	26	16	54	32	5
04	0	UNL	7			28	23	11	49	35	6
07	9	50	7			27	23	13	55	35	5
10	10	50	10			30	25	12	47	02	5
13	9	250	10			39	30	13	34	25	3
16	10	120	10			40	31	11	30	00	0
19	10	120	10			35	30	21	57	08	5
22	10	120	10			33	30	24	70	04	3
DAY 08											
01	4	UNL	7			30	28	25	82	34	3
04	0	UNL	7			28	26	22	78	09	4
07	0	UNL	7			30	28	25	82	33	4
10	10	100	7			42	38	33	71	03	10
13	10	50	7			49	43	36	61	06	12
16	10	6	2		RF	44	43	41	89	04	10
19	10	6	2		RF	44	43	41	89	04	14
22	10	7	2		RF	43	41	39	86	05	18
DAY 09											
01	10	6	2		RF	43	42	41	93	02	14
04	10	5	2		RF	43	42	40	89	03	17
07	10	9	7		R	41	40	38	89	02	18
10	10	8	3		F	40	39	37	88	02	20
13	10	17	5		H	47	44	40	77	02	14
16	9	250	7			53	48	43	68	35	11
19	10	80	7			45	42	38	77	36	6
22	10	38	7			42	39	35	76	33	6
DAY 10											
01	10	33	7			42	39	35	76	32	9
04	10	40	7			39	37	34	82	31	3
07	3	UNL	7			37	35	33	85	33	5
10	0	UNL	10			46	40	31	56	33	8
13	0	UNL	15			55	43	26	33	35	10
16	0	UNL	15			56	46	35	45	09	7
19	0	UNL	15			42	38	33	71	12	5
22	0	UNL	15			36	34	32	85	00	0
DAY 11											
01	0	UNL	7			33	32	30	89	00	0
04	0	UNL	7			31	30	28	89	00	0
07	0	UNL	7			30	29	26	85	00	0
10	0	UNL	15			48	43	37	66	00	0
13	0	UNL	15			60	46	29	31	25	7
16	0	UNL	15			64	48	30	28	30	6
19	0	UNL	15			48	42	34	59	12	4
22	0	UNL	15			42	39	34	73	00	0
DAY 12											
01	0	UNL	10			37	35	33	85	07	3
04	0	UNL	10			35	34	32	89	00	0
07	0	UNL	10			33	32	30	89	00	0
10	0	UNL	10			52	45	38	59	00	0
13	0	UNL	10			66	49	29	25	71	4
16	0	UNL	10			67	52	36	32	12	7
19	0	UNL	10			51	43	34	52	12	5
22	0	UNL	10			44	40	35	71	16	4
DAY 13											
01	0	UNL	10			50	44	38	64	18	8
04	0	UNL	7			43	40	37	79	08	4
07	7	60	7			48	46	43	80	18	6
10	9	120	7			63	57	53	70	19	11
13	7	30	7			70	63	58	66	22	14
16	0	UNL	15			75	60	49	40	23	15
19	0	UNL	15			67	51	34	30	24	18
22	0	UNL	15			61	49	37	41	24	13
DAY 14											
01	0	UNL	15			56	48	39	53	24	12
04	0	UNL	10			52	47	42	69	24	10
07	0	UNL	10			49	45	40	71	29	9
10	0	UNL	10			54	46	36	51	27	14
13	3	UNL	10			60	48	35	39	31	17
16	3	UNL	10			62	49	35	37	31	14
19	0	UNL	10			52	44	35	53	30	7
22	0	UNL	10			45	40	34	65	32	5
DAY 15											
01	0	UNL	10			41	38	33	73	33	6
04	0	UNL	7			36	34	30	79	34	4
07	5	UNL	4		F	33	32	28	85	31	3
10	8	UNL	7			44	39	31	60	00	0
13	8	UNL	10			57	46	32	39	31	4
16	10	250	5		H	55	46	37	51	09	12
19	10	250	5		H	47	42	36	66	12	5
22	10	250	7			44	42	40	85	06	4
DAY 16											
01	10	70	3		RF	46	45	43	89	31	5
04	10	25	3		RF	46	45	43	89	36	3
07	10	2	1		RF	47	46	46	96	09	4
10	10	3	0	12	RF	50	49	49	96	13	5
13	10	5	1	4	F	56	55	54	93	06	8
16	10	2	0	4	F	55	54	54	96	35	7
19	10	1	0	2	F	53	52	52	96	35	10
22	10	5	1	4	F	51	50	50	96	01	5
DAY 17											
01	10	3	2	8	F	50	49	49	96	07	4
04	10	8	1	8	F	50	49	48	93	04	4
07	10	3	2	8	F	50	49	48	93	04	7
10	10	4	0	12	LF	50	49	48	93	04	10
13	10	5	1	8	F	52	50	49	90	05	12
16	10	9	3		F	52	50	49	90	07	6
19	10	5	2		F	48	47	46	93	07	8
22	10	0	0	2	F	47	46	45	93	05	4
DAY 18											
01	10	2	1		F	49	48	47	93	02	4
04	10	3	1		RF	50	49	49	96	32	5
07	10	2	0	8	RF	52	51	51	96	14	10
10	10	2	0	2	F	52	51	51	96	05	7
13	10	6	2		F	58	56	55	90	29	4
16	10	6	1		F	59	58	57	93	31	5
19	10	6	2	8	F	60	58	57	90	34	5
22	10	2	2	8	F	56	55	54	93	34	10
DAY 19											
01	10	12	7			54	53	52	93	32	6
04	10	33	7			54	53	52	93	28	4
07	10	8	2	8	H	52	51	50	93	30	6
10	10	12	5		H	54	51	48	83	31	8
13	10	23	6		H	57	52	47	69	31	9
16	10	160	6		H	56	49	43	62	30	10
19	10	100	6		H	50	45	39	66	32	5
22	10	100	7			47	43	39	71	32	9
DAY 20											
01	10	90	7			45	41	37	74	31	8
04	10	90	7			44	40	36	74	30	7
07	10	100	7			44	40	36	74	23	6
10	10	100	5		H	45	40	34	65	23	4
13	10	100	5		H	47	41	32	56	25	7
16	10	80	6		H	48	41	32	54	26	8
19	10	80	7			46	42	36	68	21	4
22	10	80	7			45	41	37	74	23	4
DAY 21											
01	10	250	7			42	40	38	86	27	5
04	7	UNL	5		H	39	38	36	89	00	0
07	10	80	2	8	F	38	37	35	89	00	0
10	9	250	3		H	50	46	42	74	18	4
13	10	40	7			57	49	42	57	23	12
16	8	30	7			58	50	43	58	25	16
19	0	UNL	7			50	38	20	31	31	18
22	0	UNL	7			42	34	20	41	28	21
DAY 22											
01	0	UNL	7			36	30	19	50	29	20
04	0	UNL	7			33	28	20	59	30	15
07	0	UNL	7			32	27	18	56	31	16
10	0	UNL	7			36	30	18	48	29	17
13	0	UNL	7			43	34	17	35	29	18
16	0	UNL	7			47	36	17	30	30	18
19	0	UNL	7			41	33	17	38	31	8
22	0	UNL	7			33	29	20	59	24	4
DAY 23											
01	0	UNL	7			32	28	19	59	24	7
04	0	UNL	7			29	26	20	69	30	3
07	0	UNL	7			25	24	20	81	18	3
10	0	UNL	15			46	39	29	52	24	10
13	0	UNL	15			59	48	36	42	23	16
16	8	40	10			60	50	39	46	25	18
19	8	40	10			58	51	44	60	27	12
22	0	UNL	10			47	41	34	61	32	7
DAY 24											
01	0	UNL	10			41	37	31	68	30	6
04	3	UNL	10			38	34	29	70	30	6
07	2	UNL	10			34	32	28	79	26	5
10	0	UNL	15			47	40	31	54	34	12
13	0	UNL	15			58	45	29	33	30	6
16	0	UNL	15			63	46	25	24	29	12
19	0	UNL	15			55	43	27	34	28	5
22	0	UNL	10			42	37	31	65	00	0
DAY 25											
01	0	UNL	10			40	36	31	70	26	6
04	0	UNL	7			38	36	33	82	31	3
07	4	UNL	7			36	34	32	85	25	5
10	8	100	7			54	47	40	59	27	7
13	5	UNL	7			66	51	34	31	27	12
16	0	UNL	7			70	53	37	30	26	17
19	0	UNL	7			60	50	39	46	22	4
22	0	UNL	7			56	50	45	67	24	8
DAY 26											
01	2	UNL	7			52	49	46	80	24	7
04	8	3	1	8	F	49	48	48	96	23	5
07	0	UNL	4		F	48	47	47	96	26	7
10	3	UNL	7			62	57	54	75	30	11
13	7	100	7			70	61	54	57	29	12
16	8	40	7			67	59	54	63	27	12
19	10	40	7			62	57	53	73	27	5
22	3	UNL	7			58	55	53	84	35	3
DAY 27											
01	0	UNL	0	6	F	49	48	48	96	32	3
04	0	UNL	7			43	40	36	76	35	4
07	5	UNL	10			40	37	32	73	00	0
10	9	250	15			51	43	34	52	00	0
13	10	UNL	15			65	49	31	28	32	5
16	7	UNL	7			64	53	42	45	09	10
19	7	UNL	7			50	47	44	80	10	7
22	8	250	7			48	46	45	89	04	3
DAY 28											
01	9	250	7			47	45	44	89	14	3
04	10	250	6		F	47	46	45	93	00	0
07	10	50	7			48	46	45	89	00	0
10	10	50	2	8	RWF	52	51	50	93	15	4
13	10	45	2	8	RF	58	56	54	87	21	4
16	10	40	5		RF	60	58	56	87	20	9
19	10	4	1		RF	59	58	57	93	18	8
22	10	10	3		RF	59	57	56	90	23	4

STATION

JACKSONVILLE FLA

YEAR & MONTH

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NOTES

CEILING

UNL INDICATES UNLIMITED

WEATHER

- T 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

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.

U.S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

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