Supplement
(Based on one month's record)

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

LOCAL CLIMATOLOGICAL DATA

EASTERN STANDARD TIME

JACKSONVILLE, FLA.
THOMAS C. IMESON AIRPORT
FEBRUARY 1955

A TEMPERATURE AND WIND SPEED---RELATIVE HUMIDITY OCCURRENCES (HOURLY OBSERVATIONS):

WIND	0-4 M.P.H.					5-14 M.P.H.					15-24 M.P.H.					25 M.P.H. AND OVER					TOTAL OBS.
REL. HUMID. / TEMP. (°F)	UNDER 30	30-49%	50-69%	70-79%	80-89%	90-100%	UNDER 30	30-49%	50-69%	70-79%	80-89%	90-100%	UNDER 30	30-49%	50-69%	70-79%	80-89%	90-100%	UNDER 30	30-49%	50-69%	70-79%	80-89%	90-100%	
84/80		1						6																	7
79/75		1						20	6					6											33
74/70		1						13	24			4	1	8	11	3									65
69/65			2	3				10	22	19		1	13	1	11	2	2			3		1			90
64/60			2	4	7	1		15	10	30	37	7		1	5	7	2	1			1				130
59/55			1	5	5	11		5	6	7	15	28				6	6	2							97
54/50			1	3	9	17		2	1	11	27	12		1	5	19	18	2		6	4				138
49/45					6	4		4	3			1		5	2	3									29
44/40						5		3	9				5	6					1						29
39/35				1		4		3	3				4	1	2										22
34/30					1			2	4	6	1			2	1				1						18
29/25								3	9					1	1										14

B WIND DIRECTION AND SPEED OCCURRENCES:

DIRECTION	HOURLY OBSERVATIONS OF WIND SPEED (IN MILES PER HOUR) 0-3	4-7	8-12	13-18	19-24	25-31	32-38	39-46	47 OVER	TOTAL	AV. SPEED
N	3	3	4							10	6.3
NNE	2	9	14	18	8	1				52	12.9
NE	5	10	20	44	31	8	3			121	15.9
ENE	4	4	8	2		1				19	8.7
E	2	11	7	10						30	9.4
ESE	1	12	11	17	5	1				47	11.9
SE	1	11	17	11	1					41	10.2
SSE	3	13	10	9						35	8.9
S	3	8	14	10	2					37	10.3
SSW	6	16	23	10	2					57	9.2
SW	9	23	16	10	1	1				60	8.2
WSW		13	11	2						26	7.7
W	1	4	6	1						12	7.7
WNW	1	8	12	5	1					27	9.6
NW	2	19	21	13	8	2				65	11.1
NNW	1	12	14	1						28	7.5
CALM	5									5	
TOTAL	49	176	208	163	59	14	3			672	10.8

C HOURLY AND DAILY OCCURRENCES OF PRECIPITATION AMOUNTS:

INTENSITIES	FREQUENCY OF OCCURRENCE FOR EACH HOUR OF THE DAY: A.M. HOUR ENDING AT 1	2	3	4	5	6	7	8	9	10	11	NOON	P.M. HOUR ENDING AT 1	2	3	4	5	6	7	8	9	10	11	MID.	MID TO MID	INTENSITIES
TRACE				1				1	3	2			1	1	1		1			1				1	3	TRACE
.01 IN.		1	1								1														0	.01 IN.
.02 TO .09 IN.		1	2	1	1	1		1				1							1	1				1	0	.02 TO .09 IN.
.10 TO .24 IN.	1				1	2	1	2					1	1								1	1		1	.10 TO .24 IN.
.25 TO .49 IN.				1	1										3						1				1	.25 TO .49 IN.
.50 TO .99 IN.																									0	.50 TO .99 IN.
1.00 TO 1.99 IN.																									1	1.00 TO 1.99 IN.
2.00 IN AND OVER																									0	2.00 IN AND OVER
TOTAL	1	2	3	3	2	2	2	3	3	2	1	1	1	1	1	0	1	0	1	2	1	1	1	2	6	TOTAL

D CEILING---VISIBILITY OCCURRENCES (HOURLY OBSERVATIONS):

VISIBILITY (MILES)	CEILING (FEET): 0	100-200	300-400	500-900	1000-1900	2000-2900	3000-4900	5000-9500	OVER 9500	TOT.
0 TO ¼										
3/16 TO ⅜									1	1
½ TO ¾									3	3
1 TO 2½			1	8	2		1		8	20
3 TO 6			1	9	19	4	6	5	60	104
7 TO 15			1	3	17	11	52	75	385	544
20 TO 30										
35 OR MORE										
TOTAL			3	20	38	15	59	80	457	672

E HOURLY OCCURRENCES OF SKY COVER, WIND, AND RELATIVE HUMIDITY:

HOUR OF DAY	CLOUDS SCALE - 10: 0-3	4-7	8-10	WIND SPEED (MPH): 0	1-3	4-7	8-12	13-18	19-24	25-38	OVER 38	RELATIVE HUMIDITY (%): 6-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	HOUR OF DAY
00	17	3	8		2	11	9	4	2						1	1	2	7	10	7	00
01	16	2	10		2	14	5	4	3				1			2	1	7	7	10	01
02	15	2	11	1	3	8	11	5						1	1	1		6	11	8	02
03	14	2	12	1	1	14	4	7	1						1	1	2	2	10	12	03
04	13	4	11		4	10	9	4	1							3		3	9	13	04
05	12	5	11		3	11	10	3	1						1	2	1	1	10	13	05
06	15	4	9		4	11	10	2	1						1	1	1	1	11	13	06
07	10	8	10		5	8	8	5	1	1						3		2	8	15	07
08	8	9	11	1	3	9	7	5	2	1						2	2	5	11	8	08
09	9	8	11		2	8	10	5	2	1					2	1	8	9	6	2	09
10	9	7	12		1	4	10	7	4	2				1	2	9	11	2	2	1	10
11	8	7	13			3	10	11	1	3				2	8	9	4	3	1	1	11
12	6	8	14			3	9	10	5	1				3	14	4	2	4		1	12
13	4	8	16			5	8	7	6	2				5	13	2	4	3		1	13
14	2	5	21		1	2	6	10	6	3				6	13	1	3	4	1		14
15	4	7	17			3	9	10	4	2				4	12	5	2	4	1		15
16	2	8	18			2	6	14	6					2	12	7	1	4	2		16
17	3	7	18			1	8	16	2	1				3	1	11	7	3	3		17
18	9	6	13			4	15	7	2					1	2	6	10	7	1	1	18
19	13	7	8		2	6	12	7	1					1	2	3	3	13	5	1	19
20	13	5	10		3	10	9	5	1					1	2		3	14	7	1	20
21	15	5	8	1	2	10	7	5	3					2		1	2	14	7	2	21
22	15	9	4		2	11	7	6	2						2	1	3	9	9	4	22
23	17	4	7	1	4	8	9	4	2					1		2		10	11	4	23
	249	140	283	5	44	176	208	163	59	17			1	33	90	78	72	137	143	118	

F HOURLY TEMPERATURES (ABOUT 20 MINUTES AFTER THE HOUR)

DAY OF MO.	MID.	1 A.M.	2 A.M.	3 A.M.	4 A.M.	5 A.M.	6 A.M.	7 A.M.	8 A.M.	9 A.M.	10 A.M.	11 A.M.	NOON	1 P.M.	2 P.M.	3 P.M.	4 P.M.	5 P.M.	6 P.M.	7 P.M.	8 P.M.	9 P.M.	10 P.M.	11 P.M.	DAY OF MO.
1	39	40	37	39	38	39	38	37	39	46	54	63	65	66	67	68	67	65	61	56	55	53	53	51	1
2	50	52	51	50	52	52	51	52	53	58	63	69	72	73	74	74	74	72	69	66	66	65	63	61	2
3	60	58	57	56	56	56	56	55	55	60	61	61	56	56	55	53	51	50	50	50	49	50	50	50	3
4	50	50	49	49	49	49	50	50	51	52	53	54	53	53	52	52	52	51	50	50	50	50	50	51	4
5	51	52	51	51	50	50	51	53	58	62	63	65	67	68	67	65	64	63	63	63	60	61	61	61	5
6	62	61	62	61	60	60	60	62	64	67	71	74	75	77	76	76	75	75	74	73	71	70	70	70	6
7	69	70	67	67	65	65	65	65	65	66	67	69	69	71	71	70	70	70	69	66	62	59	58	58	7
8	57	56	56	55	55	54	52	51	50	50	52	56	58	60	61	60	60	62	57	55	53	51	49	46	8
9	45	44	43	40	41	41	41	40	43	49	55	60	61	63	63	63	62	59	57	55	53	52	53	50	9
10	50	49	52	51	52	54	53	54	55	61	67	71	75	75	75	74	72	69	67	65	65	64	64	63	10
11	63	63	63	62	62	63	63	64	66	67	69	68	70	69	53	52	50	49	45	43	43	42	40	38	11
12	36	35	33	32	31	29	28	28	29	29	32	34	36	39	40	41	41	40	37	35	33	31	30	30	12
13	28	28	28	27	26	26	25	25	27	33	38	43	46	47	47	48	46	44	41	39	37	35	35	35	13
14	34	34	34	34	34	34	33	33	37	46	52	58	60	62	64	61	60	59	56	53	49	49	45	44	14
15	45	42	44	42	42	41	41	40	45	52	58	63	64	68	66	67	67	63	58	55	55	53	54	54	15
16	52	51	51	51	50	47	46	44	49	59	64	68	70	72	74	70	69	66	62	60	59	56	55	54	16
17	52	55	51	50	51	50	51	49	55	60	67	72	73	75	75	72	71	68	64	62	61	57	54	54	17
18	54	55	55	54	54	55	55	56	57	59	58	61	60	60	61	59	58	57	56	54	54	54	54	54	18
19	53	54	53	52	52	52	52	53	56	60	63	66	67	67	66	65	62	61	58	57	57	58	58	58	19
20	57	57	56	56	55	55	54	54	57	64	69	70	71	72	71	70	70	68	65	63	63	62	60	60	20
21	60	61	61	59	60	60	59	59	62	66	70	72	74	75	74	73	71	69	67	66	64	64	64	63	21
22	62	62	62	61	61	61	60	60	63	66	71	72	74	76	77	78	76	73	69	68	64	64	64	65	22
23	65	64	64	64	63	62	59	59	64	69	73	75	78	80	79	78	75	72	70	67	65	64	63	62	23
24	62	62	60	60	57	55	56	57	61	67	72	75	78	78	79	80	80	75	71	69	67	65	62	62	24
25	61	62	59	59	57	54	53	52	52	52	52	54	54	53	53	54	53	51	52	52	52	53	53	53	25
26	53	55	55	55	54	55	54	54	57	61	65	69	71	71	70	71	71	69	65	61	59	58	57	56	26
27	53	55	53	52	51	50	49	51	56	65	71	74	77	77	77	77	72	71	69	67	66	65	65	64	27
28	64	64	63	63	62	60	59	58	64	69	72	76	80	81	80	79	80	75	73	71	69	68	67	66	28

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G 6-HOURLY OBSERVATIONS OF SKY COVER, PRESSURE, PSYCHROMETRIC DATA, AND WIND:

DAY OF MO.	HOUR (LOCAL TIME)	SKY COVER (IN TENTHS)	STATION PRESS. (IN.)	DRY BULB (°F)	WET BULB (°F)	REL. HUM. %	DEW PT. (°F)	WIND DIR.	WIND SPEED
1	01	0	30.27	40	39	92	37	NW	5
2	01	0	30.09	52	48	72	43	SSW	6
3	01	2	30.07	58	57	92	56	SW	7
4	01	10	30.33	50	45	69	40	NE	21
5	01	2	30.38	52	50	85	47	NNE	15
6	01	10	30.10	61	59	85	57	SSE	12
7	01	10	29.87	70	64	73	60	SSW	20
8	01	10	29.97	56	56	97	55	W	5
9	01	0	30.14	44	38	53	28	NW	6
10	01	7	30.18	49	48	91	47	NNE	2
11	01	10	29.98	63	59	77	56	S	7
12	01	0	30.28	35	27	28	4	NW	17
13	01	0	30.61	28	24	51	12	NNW	9
14	01	0	30.51	34	32	77	28	NW	9
15	01	0	30.23	42	41	94	40	WSW	7
16	01	3	30.18	51	48	82	46	SW	5
17	01	0	30.12	55	53	90	52	SW	3
18	01	4	30.07	55	54	96	54	NNE	7
19	01	0	30.13	54	51	82	48	NE	21
20	01	3	30.14	57	55	90	54	NE	13
21	01	10	30.18	61	56	73	52	E	7
22	01	10	30.17	62	59	86	58	SSE	6
23	01	10	30.11	64	60	78	57	SW	7
24	01	0	30.19	62	60	87	58	SSE	7
25	01	10	30.24	62	60	90	59	NNE	15
26	01	10	30.36	55	52	82	49	NNE	12
27	01	2	30.30	55	54	95	54	E	8
28	01	3	30.19	64	59	74	55	SSW	7

DAY OF MO.	HOUR (LOCAL TIME)	SKY COVER (IN TENTHS)	STATION PRESS. (IN.)	DRY BULB (°F)	WET BULB (°F)	REL. HUM. %	DEW PT. (°F)	WIND DIR.	WIND SPEED
1	07	2	30.26	37	37	94	36	NNE	5
2	07	7	30.07	52	49	83	47	SSW	7
3	07	8	30.16	55	54	97	54	WNW	8
4	07	9	30.40	50	46	72	41	NE	25
5	07	5	30.32	53	51	88	50	E	13
6	07	4	30.02	62	59	84	57	SSE	14
7	07	10	29.90	65	64	95	64	S	14
8	07	6	30.00	51	50	90	48	NW	9
9	07	9	30.21	40	35	59	27	NNW	7
10	07	10	30.16	54	52	90	51	ENE	2
11	07	10	29.83	64	63	96	63	SSW	12
12	07	2	30.44	28	24	58	15	WNW	9
13	07	0	30.64	25	21	58	12	NNW	9
14	07	1	30.47	33	31	79	27	NW	8
15	07	0	30.23	40	39	92	38	WNW	5
16	07	2	30.18	44	43	93	42	SW	2
17	07	4	30.12	49	49	95	48	SW	3
18	07	10	30.08	56	55	95	54	NE	21
19	07	0	30.12	53	52	91	50	NE	16
20	07	4	30.16	54	53	96	53	NE	8
21	07	10	30.17	59	56	81	53	NE	6
22	07	10	30.12	60	58	86	56	SE	6
23	07	0	30.14	59	58	92	57	SSW	7
24	07	7	30.23	57	56	94	55	ESE	6
25	07	10	30.31	52	50	87	48	NE	17
26	07	9	30.34	54	52	89	51	NNE	8
27	07	2	30.28	51	50	95	50	SSW	3
28	07	7	30.17	58	56	87	54	SSW	2

DAY OF MO.	HOUR (LOCAL TIME)	SKY COVER (IN TENTHS)	STATION PRESS. (IN.)	DRY BULB (°F)	WET BULB (°F)	REL. HUM. %	DEW PT. (°F)	WIND DIR.	WIND SPEED
1	13	10	30.19	66	54	44	44	SSW	13
2	13	7	30.02	73	60	46	51	WSW	14
3	13	10	30.22	56	52	77	49	NE	20
4	13	10	30.45	53	47	64	41	NE	29
5	13	10	30.28	68	57	51	49	ESE	25
6	13	10	29.95	77	63	46	55	SSW	20
7	13	10	29.90	71	69	92	69	WSW	10
8	13	7	30.02	60	47	34	32	NW	16
9	13	4	30.20	63	49	33	33	NE	13
10	13	4	30.13	75	61	46	52	SSW	10
11	13	8	29.83	69	62	67	58	NW	23
12	13	0	30.48	39	35	68	29	NW	16
13	13	1	30.63	47	38	39	23	NNE	12
14	13	5	30.35	62	51	43	40	SW	6
15	13	10	30.19	68	55	43	44	W	16
16	13	2	30.15	72	57	37	44	SSW	5
17	13	5	30.06	75	58	35	45	W	6
18	13	10	30.11	60	55	70	50	NNE	23
19	13	7	30.12	67	59	61	53	NE	22
20	13	10	30.17	72	59	47	50	ESE	21
21	13	9	30.18	75	60	42	50	ESE	12
22	13	9	30.11	76	62	44	52	S	9
23	13	2	30.14	80	63	40	53	SSE	5
24	13	8	30.19	78	63	43	53	SW	8
25	13	10	30.35	53	49	73	45	NNE	16
26	13	10	30.30	71	61	59	56	E	12
27	13	8	30.23	77	63	45	54	NNE	6
28	13	5	30.13	81	65	42	55	S	12

DAY OF MO.	HOUR (LOCAL TIME)	SKY COVER (IN TENTHS)	STATION PRESS. (IN.)	DRY BULB (°F)	WET BULB (°F)	REL. HUM. %	DEW PT. (°F)	WIND DIR.	WIND SPEED
1	19	3	30.11	56	52	74	48	SSE	3
2	19	2	30.03	66	59	54	54	SW	12
3	19	0	30.29	50	46	74	42	NE	18
4	19	8	30.44	50	47	81	44	NE	22
5	19	10	30.20	63	57	70	53	SE	12
6	19	9	29.89	73	63	59	57	S	17
7	19	10	29.92	66	65	96	65	NW	8
8	19	3	30.07	55	44	35	28	NW	8
9	19	5	30.21	55	50	70	45	NNE	9
10	19	10	30.06	65	60	73	56	ESE	9
11	19	8	30.13	43	36	45	23	WNW	17
12	19	0	30.55	35	28	44	15	NW	9
13	19	0	30.58	39	34	55	25	NNE	9
14	19	1	30.27	53	50	82	48	E	3
15	19	2	30.16	59	51	77	48	SE	6
16	19	3	30.12	60	53	62	47	SE	6
17	19	4	30.05	62	57	70	52	E	7
18	19	4	30.11	54	51	82	49	NNE	17
19	19	6	30.12	57	54	83	52	NE	13
20	19	7	30.19	63	59	70	54	ENE	12
21	19	9	30.17	66	60	74	57	ESE	8
22	19	0	30.07	66	60	70	56	SE	12
23	19	2	30.16	67	61	71	57	SE	7
24	19	2	30.19	69	63	72	59	SE	7
25	19	10	30.36	52	48	72	43	NE	16
26	19	0	30.32	61	56	82	55	NE	10
27	19	7	30.27	60	67	56	55	SSE	6
28	19	6	30.10	71	62	50	56	SE	13

DAY OF MO.	HOUR (LOCAL TIME)	SKY COVER (IN TENTHS)	STATION PRESS. (IN.)	DRY BULB (°F)	WET BULB (°F)	REL. HUM. %	DEW PT. (°F)	WIND DIR.	WIND SPEED
01	5	30.19	53	50	80	47	NNE	10	
07	5	30.20	51	49	86	46	NE	9	
13	7	30.18	67	56	51	47	NE	14	
19	5	30.18	59	53	69	48	SE	11	

Station pressure in Table G obtained from barometer at 31 feet above mean sea level.

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