Supplement

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

LOCAL CLIMATOLOGICAL DATA

(Based on one month's record)

JACKSONVILLE, FLA.
THOMAS C. IMESON AIRPORT
FEBRUARY 1953

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%	
89/85								3																	3
84/80								1	3						2										6
79/75							4	3	4	1					15							1			28
74/70							2	6	13	9	5	1		6	7	4	5	1							59
69/65				2			2	11	15	13	18	15		6	14	3	8	2					1		110
64/60		1	2	3	4	3	1	22	11	13	19	21		2	8	4	2								116
59/55		1	1	5	11	17		11	16	10	20	23		8	6	4	2								135
54/50		1		3	4	9		6	9	16	25	31		1	2			2							109
49/45			2	5	1	3		2	7	8	16	11			1										56
44/40				5	5			2	1	12	6				1										32
39/35				1	2	2		1	3		4	4													17
34/30									1																1

B WIND DIRECTION AND SPEED OCCURRENCES:

DIRECTION	HOURLY OBSERVATIONS OF WIND SPEED (IN MILES PER HOUR)										AV. SPEED
	0-3	4-7	8-12	13-18	19-24	25-31	32-38	39-46	47 OVER	TOTAL	
N	3	15	14	1						33	7.1
NNE	3	11	9	3						26	7.8
NE	4	13	20	15	7					59	11.3
ENE		7	10	6	2					25	10.1
E	2	5	6	1						14	7.4
ESE	1	13	4	11	2					31	10.2
SE	1	7	11	8	1					28	10.5
SSE	2	4	5	14	6	1				32	14.0
S	4	3	12	15	2					36	11.5
SSW	1	3	19	13	2	1				39	11.9
SW	2	15	23	8	5					53	10.2
WSW	2	29	24	13	4					72	9.6
W	3	12	14	8	3					40	9.7
WNW	2	22	37	10	4					75	9.5
NW	4	24	19	8						55	8.1
NNW	2	27	21	2						52	7.3
CALM	2									2	
TOTAL	38	210	248	136	38	2				672	9.8

C HOURLY OCCURRENCES OF PRECIPITATION AMOUNTS:

INTENSITIES	FREQUENCY OF OCCURRENCE FOR EACH HOUR OF THE DAY																								MID TO MID	INTENSITIES
	A.M. HOUR ENDING AT												P.M. HOUR ENDING AT													
	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MID.		
TRACE	2	2	2	4	4	2	2	3	5	1	1	2	2	3	2	1	3	3	3	2	5	3	2	1	2	TRACE
.01 IN.	1	1	1							1						1			1			1			3	.01 IN.
.02 TO .09 IN.		1					1	1		1	1				2		1		1	1				1	5	.02 TO .09 IN.
.10 TO .24 IN.	1																1								1	.10 TO .24 IN.
.25 TO .49 IN.			1																						1	.25 TO .49 IN.
.50 TO .99 IN.																1		1							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	4	4	3	4	4	2	3	4	5	3	2	2	2	3	4	3	5	4	5	3	5	4	2	2	13	TOTAL

D CEILING--VISIBILITY OCCURRENCES (HOURLY OBSERVATIONS):

VISIBILITY (MILES)	CEILING (FEET)									
	0	100-200	300-400	500-900	1000-1900	2000-2900	3000-4900	5000-9900	OVER 9500	TOT.
0 TO ⅛	2	1							3	6
3/16 TO ⅜		2	1						4	7
½ TO ¾		1							1	2
1 TO 2½		3	9	2	1	3		3	2	23
3 TO 6			8	12	7	2	2	8	14	53
7 TO 15			2	10	48	32	39	46	404	581
20 TO 30										
35 OR MORE										
TOTAL	2	7	20	24	56	37	41	57	428	672

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

HOUR OF DAY	CLOUDS SCALE - 10			WIND SPEED (MPH)								RELATIVE HUMIDITY (%)									HOUR OF DAY
	0-3	4-7	8-10	0	1-3	4-7	8-12	13-18	19-24	25-38	OVER 38	0-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	
00	17	1	10		4	10	11	3						1			1	8	11	7	00
01	14	4	10		3	10	11	3	1						1			6	10	11	01
02	13	2	13		4	11	10	2	1						1			4	11	12	02
03	10	4	14		4	11	11	1		1					1			4	12	11	03
04	12	2	14		3	13	9	1	2						1			3	16	8	04
05	11	5	12		3	11	11	2	1							1		5	9	13	05
06	11	7	10		2	13	11	2								1		4	11	12	06
07	13	5	10		1	17	6	4								1	1	3	5	18	07
08	14	3	11	1	2	12	10	2	1							1	1	9	10	7	08
09	11	2	15		2	7	11	7	1							5	6	8	4	5	09
10	8	7	13			7	7	10	4					1	2	8	4	6	3	4	10
11	7	5	16			3	10	12	3					2	6	6	5	4	3	2	11
12	7	6	15			6	6	11	4	1				3	8	7	2	5	2	1	12
13	8	4	16			3	8	14	3				1	4	6	10	2	3	2		13
14	10	3	15		1	4	8	11	4				1	5	8	6	2	5		1	14
15	9	4	15			4	10	12	2				1	6	7	4	6	2		2	15
16	8	3	17			2	14	7	5				2	6	3	7	5	2		3	16
17	8	6	14			5	13	9	1				4	2	2	10	1	4	3	2	17
18	10	5	13			8	16	3	1					4	2	5	7	4	4	2	18
19	12	3	13			12	12	3	1					2	3	2	7	6	4	4	19
20	11	7	10		1	9	12	5	1					1	3	2	3	8	7	4	20
21	14	3	11	1	1	9	11	5	1					1		3	4	6	9	5	21
22	12	5	11		2	9	13	4						1		2	4	4	13	4	22
23	12	3	13		3	14	7	3	1					1			2	7	11	7	23
	262	99	311	2	36	210	248	136	38	2			9	40	54	81	63	120	160	145	

F HOURLY TEMPERATURES (READ 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	60	56	57	55	56	56	55	54	55	58	64	66	69	72	74	74	74	72	67	64	62	59	58	58	1
2	58	56	57	56	57	56	57	58	59	60	61	62	64	65	65	64	63	61	60	59	58	57	56	56	2
3	55	54	53	51	50	50	49	48	49	48	49	51	55	58	59	62	61	60	56	54	54	52	52	52	3
4	51	51	50	50	49	50	51	52	53	54	56	59	64	65	67	67	66	65	61	57	55	51	47	46	4
5	45	43	42	41	41	39	41	39	45	56	61	63	63	63	65	62	62	59	58	57	57	57	58	57	5
6	57	57	57	56	55	56	56	60	65	69	72	73	74	75	75	72	68	67	65	66	66	66	66	6	6
7	66	66	65	64	62	64	63	63	65	68	70	70	70	71	71	71	73	73	71	69	68	67	66	65	7
8	64	58	56	57	56	55	54	52	51	53	54	57	59	61	63	64	64	63	59	56	53	51	47	45	8
9	43	41	42	42	40	41	42	41	47	55	61	63	63	65	64	64	63	61	58	55	53	52	52	51	9
10	52	52	51	50	49	50	50	51	56	62	66	67	68	68	68	68	67	65	59	57	56	54	54	53	10
11	55	52	52	51	51	48	47	45	50	59	68	69	71	73	72	73	72	71	68	66	62	61	61	61	11
12	61	61	60	61	62	63	63	63	64	68	71	74	76	75	77	76	76	74	71	62	58	58	56	54	12
13	52	51	48	46	44	42	40	39	41	43	45	48	52	54	56	58	58	57	54	49	47	45	46	43	13
14	43	39	39	37	38	37	36	37	43	50	53	56	58	62	64	64	63	63	63	63	64	65	66	68	14
15	68	68	66	66	66	65	64	61	57	58	59	56	56	57	55	55	53	52	50	48	47	46	45	44	15
16	44	43	42	41	41	38	37	36	43	50	54	58	60	62	65	66	65	63	60	58	55	54	52	51	16
17	50	50	49	48	48	49	49	48	52	57	62	64	65	65	67	66	64	62	60	58	56	54	53	51	17
18	48	45	43	42	39	37	35	34	37	43	49	54	55	56	56	56	55	53	51	48	46	44	45	47	18
19	45	45	48	49	51	52	51	50	56	62	66	68	69	68	71	70	69	67	66	66	65	64	64	64	19
20	65	63	65	64	64	65	64	64	66	71	74	72	76	77	78	77	71	70	70	70	70	69	70	70	20
21	70	69	68	68	67	67	67	67	70	71	75	79	82	83	85	86	85	84	80	76	71	68	66	65	21
22	62	61	59	54	54	53	53	52	52	55	56	59	61	63	64	65	62	56	53	51	52	50	48	48	22
23	48	49	48	48	48	49	48	48	50	51	55	56	58	59	60	59	57	57	56	54	54	54	54	54	23
24	54	54	54	55	55	55	56	57	57	59	62	63	65	67	71	73	69	66	61	59	58	58	58	58	24
25	58	58	58	58	60	61	61	61	63	68	70	75	77	79	79	80	80	78	76	73	71	69	68	66	25
26	65	64	65	65	65	65	65	65	66	70	73	75	76	78	73	67	66	66	64	64	64	63	62	62	26
27	60	59	57	55	53	52	50	50	54	58	61	64	65	68	71	72	72	70	67	64	60	59	58	57	27
28	55	54	53	53	53	53	52	51	56	62	67	70	74	75	75	76	76	75	70	66	65	63	62	60	28

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	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	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	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	2	30.01	56	55	95	55	WNW	3	1	07	10	30.02	54	54	100	54	WSW	5	1	13	7	30.00	72	63	59	57	NNW	8	1	19	7	30.03	64	59	77	57	N	5
2	01	10	30.03	56	55	90	53	N	4	2	07	10	30.02	58	55	90	55	NE	5	2	13	10	29.93	65	63	86	61	E	11	2	19	10	29.83	59	59	98	59	WNW	5
3	01	10	29.85	54	54	96	53	NNW	5	3	07	10	29.91	48	47	93	46	NNW	6	3	13	10	29.91	58	54	77	50	WNW	4	3	19	3	29.92	54	52	88	51	W	6
4	01	0	29.90	51	50	95	50	WSW	5	4	07	10	29.96	52	52	99	52	WNW	6	4	13	5	29.94	65	55	50	46	NW	15	4	19	0	30.01	57	46	38	32	NNW	6
5	01	1	30.09	43	41	83	39	NW	4	5	07	0	30.13	39	38	91	36	NNW	5	5	13	10	30.14	63	51	41	39	ENE	8	5	19	10	30.13	57	52	72	48	NNE	6
6	01	2	30.10	57	53	79	50	ESE	4	6	07	3	30.08	56	54	91	53	SE	4	6	13	9	30.01	74	58	35	45	SSW	14	6	19	10	29.95	65	58	65	53	SSE	10
7	01	10	29.96	66	61	75	58	SSE	16	7	07	5	29.93	63	60	85	58	SSW	9	7	13	10	29.85	71	65	73	62	SW	10	7	19	10	29.80	69	63	70	59	SSW	12
8	01	10	29.80	58	56	90	55	NNW	12	8	07	2	29.93	52	50	86	48	WNW	9	8	13	3	30.09	61	51	48	42	WNW	9	8	19	0	30.17	56	45	38	31	NW	4
9	01	0	30.28	41	38	80	35	WNW	6	9	07	0	30.34	41	38	78	35	NNW	5	9	13	0	30.27	65	52	42	41	ENE	10	9	19	0	30.37	55	51	74	47	NNW	6
10	01	0	30.37	52	50	86	48	N	4	10	07	1	30.37	51	49	90	48	NNE	5	10	13	0	30.37	68	54	38	41	NE	15	10	19	0	30.31	57	51	64	45	NE	4
11	01	0	30.27	52	50	90	49	E	3	11	07	3	30.25	45	44	97	44	SSE	2	11	13	3	30.15	73	60	47	51	SW	15	11	19	5	30.05	66	59	66	54	S	5
12	01	10	29.99	61	57	78	54	S	8	12	07	10	29.93	63	59	77	56	SSW	13	12	13	9	29.78	75	65	59	60	WSW	16	12	19	10	29.79	62	61	93	60	NW	14
13	01	3	29.90	51	48	78	44	W	10	13	07	3	30.01	39	36	76	32	WNW	4	13	13	0	29.99	54	45	45	33	WSW	10	13	19	1	30.02	49	44	66	39	NW	4
14	01	0	30.06	39	38	87	36	WNW	5	14	07	4	30.06	37	36	91	35	NW	5	14	13	10	30.00	62	54	55	46	SE	13	14	19	10	29.81	63	59	79	56	SSE	17
15	01	10	29.64	68	65	83	63	S	20	15	07	2	29.68	61	55	69	50	WSW	18	15	13	4	29.85	57	48	50	39	WSW	24	15	19	0	30.01	48	42	60	35	WNW	10
16	01	0	30.09	43	40	77	36	WSW	7	16	07	0	30.12	36	35	90	34	WNW	7	16	13	0	30.10	62	48	33	33	W	14	16	19	3	30.07	58	47	44	36	WSW	11
17	01	0	30.10	50	47	80	44	SW	8	17	07	4	30.13	48	47	91	46	SW	7	17	13	10	30.13	65	57	59	50	W	14	17	19	0	30.20	58	47	45	36	WNW	9
18	01	5	30.31	45	37	41	23	NNW	14	18	07	0	30.40	34	29	56	20	NNW	13	18	13	0	30.42	56	46	44	34	NE	20	18	19	0	30.41	48	44	57	38	NNE	9
19	01	0	30.37	45	44	90	42	ENE	8	19	07	4	30.36	50	49	92	48	NNE	6	19	13	10	30.30	68	59	58	53	E	18	19	19	10	30.26	66	61	76	58	ESE	14
20	01	0	30.23	63	60	86	59	SE	12	20	07	0	30.21	64	62	91	61	SE	10	20	13	10	30.15	77	69	68	65	SSE	22	20	19	10	30.09	70	67	87	66	SSE	20
21	01	6	30.15	69	67	88	66	SSW	11	21	07	5	30.19	67	66	90	65	S	15	21	13	8	30.16	83	70	53	64	SSW	17	21	19	2	30.18	76	66	97	60	WSW	6
22	01	6	30.29	61	57	80	55	NNW	12	22	07	10	30.33	52	50	85	47	N	6	22	13	10	30.31	63	57	67	52	ESE	7	22	19	10	30.33	51	49	88	48	NNE	10
23	01	10	30.37	49	47	84	44	NNE	6	23	07	10	30.39	48	45	81	42	NNW	9	23	13	10	30.40	59	54	76	51	NNE	17	23	19	10	30.38	54	53	92	52	NE	12
24	01	10	30.31	54	53	94	52	NE	18	24	07	10	30.22	57	55	87	53	NE	12	24	13	10	30.17	67	63	82	61	SE	4	24	19	10	30.13	59	58	93	57	ENE	9
25	01	10	30.13	58	57	94	56	NW	3	25	07	10	30.08	61	60	94	59	SW	5	25	13	10	30.03	79	69	58	63	WSW	16	25	19	8	30.03	73	65	63	60	SW	9
26	01	10	30.02	64	63	93	62	SW	9	26	07	10	29.99	65	63	90	62	SW	10	26	13	10	29.93	78	66	53	59	WSW	18	26	19	10	29.96	64	62	88	61	WNW	9
27	01	7	30.00	59	58	94	57	WNW	10	27	07	0	30.05	50	48	90	47	W	5	27	13	0	29.99	68	53	34	39	WSW	9	27	19	0	29.97	64	51	40	39	WSW	6
28	01	0	30.00	54	49	70	44	W	10	28	07	0	30.04	51	50	90	48	WSW	5	28	13	7	30.01	75	56	28	40	W	13	28	19	0	29.98	66	56	52	48	SSE	9
	01	5	30.09	54	52	84	49	WNW	8		07	5	30.11	52	50	87	48	NNW	8		13	7	30.09	67	57	54	49	WSW	13		19	6	30.08	60	55	69	49	WNW	9

Station pressures in Table G apply to an elevation of 31 feet above mean sea level

W. R. P. C., Chattanooga, Tennessee --- 3/20/53 --- 175