Supplement
(Based on one month's record)

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

LOCAL CLIMATOLOGICAL DATA

EASTERN STANDARD TIME

WASHINGTON, D. C.
NATIONAL AIRPORT OFFICE
JANUARY 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%	
64/60															3					1					4
59/55			1				2	1	2						1	6									13
54/50		1	2	1			2	6	1	1	1					1		1			1	1			19
49/45		1	4	2	1	1	2	13	8	2	3	10			3	2				1	1				54
44/40		2	3	6				20	32	4	6	1	4		18	3				1					100
39/35		7	9	6	9	3		29	35	15	7				28	20	4			6					178
34/30		1	23	7	3	11		28	66	13	16	8			20	19	1		1		1				218
29/25		5	6		4			25	17	1			1		6	14	1			4					84
24/20		1	9	1				6	20	2	6				5	1									51
19/15		1	4	4				1	5						1	1									17
14/10			1					2	3																6

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	4	13	15	11	2					45	9.6
NNE	9	11	10	10						40	8.4
NE	6	5	5	9						25	9.2
ENE	3	3	3	1						10	6.7
E	5	4	2							11	4.5
ESE	2	3								5	4.8
SE	9	2	3							14	4.6
SSE	3	1	5	2						11	8.1
S	6	14	33	15	1					69	9.4
SSW	10	23	22	17	5					77	9.5
SW	8	13	10	1	1					33	6.9
WSW	2	12	15	1						30	7.4
W	4	3	14	3						24	8.7
WNW	4	7	30	34	7	2				84	12.7
NW	6	19	43	40	31	5	1			145	14.1
NNW	2	16	27	38	13	8	1			105	14.3
CALM	16									16	
TOTAL	99	149	237	182	60	15	2			744	10.7

C HOURLY AND DAILY 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	1	4	2	2	2	4	3	2	4	2	1	1	2	2	3	1	2					1		2	4	TRACE
.01 IN.			2				1				1	2						1							4	.01 IN.
.02 TO .09 IN.	1		1	2	2	1						1			1								1		3	.02 TO .09 IN.
.10 TO .24 IN.																									1	.10 TO .24 IN.
.25 TO .49 IN.																									0	.25 TO .49 IN.
.50 TO .99 IN.																									0	.50 TO .99 IN.
1.00 TO 1.99 IN.																									0	1.00 TO 1.99 IN.
2.00 IN AND OVER																									0	2.00 IN AND OVER
TOTAL	2	4	5	4	4	5	4	2	4	2	2	4	2	2	4	1	2	1	0	0	0	1	1	2	12	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 ½										
9/16 TO ⅝										
½ TO ¾			1							1
1 TO 2½			3	4	1		4	5	6	23
3 TO 6				9	7	4	6	19	40	85
7 TO 15					5	3	27	55	545	635
20 TO 30										
35 OR MORE										
TOTAL			4	13	13	7	37	79	591	744

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	15	2	14	1	6	4	10	8	2						6	11	6	4	3	1	00
01	15	2	14	2	2	8	9	7	3						6	11	5	4	4	1	01
02	15	1	15	2	5	7	9	4	3	1					5	13	3	2	6	2	02
03	13	2	16		7	9	7	4	4						6	9	4	4	4	4	03
04	12	3	16	2	2	10	9	5	3						5	11	4	3	4	4	04
05	11	5	15	2	5	9	6	6	3					1	2	13	4	4	2	5	05
06	12	2	17	1	2	13	9	4	2					1	3	9	9	1	3	5	06
07	7	6	18		9	8	7	5	1	1					6	10	6	2	3	4	07
08	7	4	20		4	10	10	5	1	1				2	3	13	5	2	2	4	08
09	8	4	19	1	2	6	12	6	1	3				1	10	10		3	5	2	09
10	9	4	18		3	9	7	9	2	1				1	11	10		5	4		10
11	8	4	19		4	4	9	10	3	1				5	14	4	1	5	2		11
12	8	3	20		1	7	9	9	5				1	9	7	6	3	2	3		12
13	10	3	18	2		3	14	5	6	1			2	9	5	10	1	2	2		13
14	10	4	17		2	5	8	7	6	3			3	9	7	4	3	4		1	14
15	9	7	15		1	3	10	13	3	1			3	10	3	10	2	2	1		15
16	13	4	14		3	2	10	13	2	1			1	11	6	8	2	3			16
17	15	4	12		1	2	15	11	1	1			1	6	8	7	5	4			17
18	17	1	13		3	4	13	9	1	1				4	13	6	3	3	2		18
19	16	4	11		5	5	10	8	2	1					15	7	4	4	1		19
20	16	3	12		3	5	11	10	2						13	11	3	2	2		20
21	16	2	13	1	4	6	12	7	1					1	9	10	8	1	2		21
22	15	3	13	1	4	5	11	9	1						8	11	8	2	1	1	22
23	18		13	1	5	5	10	8	2						7	11	7	4	1	1	23
	295	77	372	16	83	149	237	182	60	17			11	70	178	225	96	72	57	35	

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	37	37	36	35	36	34	34	35	35	36	41	44	48	51	50	49	47	45	45	45	46	44	46		1
2	45	45	45	45	46	46	47	47	47	48	52	58	62	63	62	61	59	55	53	51	49	50	49	47	2
3	47	46	44	43	43	43	42	42	43	46	48	50	53	54	55	56	53	52	50	47	48	45	44	43	3
4	43	44	45	44	45	45	43	44	44	47	55	57	58	58	59	59	57	55	53	50	48	46	42	41	4
5	40	38	37	36	35	34	34	33	34	35	35	35	37	37	37	37	38	37	37	37	38	38	38	38	5
6	38	38	39	39	40	40	41	42	42	45	49	54	52	53	52	50	48	45	42	39	38	38	38	37	6
7	38	38	38	38	38	38	38	37	37	38	38	38	40	41	43	44	42	40	38	37	36	35	34		7
8	33	32	32	33	33	33	33	33	33	37	39	42	44	46	46	46	45	42	41	40	38	36	35	35	8
9	32	33	33	33	34	34	35	35	36	37	37	36	38	38	39	39	40	40	40	40	39	38	38	37	9
10	38	41	41	41	41	40	41	41	41	41	42	43	43	45	44	43	43	43	42	42	41	40	40	39	10
11	38	38	37	36	35	35	32	34	34	34	35	35	38	39	39	40	39	37	37	36	34	34	34	32	11
12	32	31	30	27	28	28	27	28	28	30	31	33	35	35	36	36	36	34	33	33	33	32	32	32	12
13	32	32	31	31	31	31	31	32	32	33	33	35	35	36	32	34	35	34	33	32	32	31	30	30	13
14	30	29	29	29	29	29	29	29	31	32	33	34	35	35	37	37	36	34	33	33	33	33	32	32	14
15	32	33	32	32	31	30	31	32	33	33	35	36	38	40	45	46	48	46	45	44	42	42	39	40	15
16	38	37	36	35	34	33	32	32	32	34	36	38	39	39	40	42	41	39	38	36	35	35	34	34	16
17	32	33	33	35	34	32	29	29	32	34	38	41	42	43	44	43	41	37	34	32	31	30	29	29	17
18	28	27	27	27	26	26	25	24	26	27	29	31	32	34	36	37	37	35	34	33	33	33	32	31	18
19	31	32	31	31	31	30	30	30	29	30	31	32	32	35	36	37	38	36	35	36	36	35	34	33	19
20	32	31	30	29	28	27	27	26	27	28	30	31	33	35	37	37	36	34	33	31	30	29	28	27	20
21	26	25	24	24	23	23	24	23	25	27	29	30	30	31	32	33	33	33	32	31	32	32	33	33	21
22	34	33	33	32	32	32	32	32	32	32	33	37	40	41	41	44	46	44	38	39	38	38	36	22	22
23	36	34	33	32	36	36	34	33	32	33	34	35	36	36	36	36	36	35	35	34	33	33	33	33	23
24	33	32	32	32	32	31	30	30	31	32	34	35	36	38	38	38	37	36	35	34	34	33	32	32	24
25	31	29	29	29	28	30	30	31	31	33	33	35	38	43	44	41	41	39	38	36	34	33	31	30	25
26	30	29	28	29	30	30	31	30	32	36	37	39	40	41	45	46	45	45	40	39	38	43	44	44	26
27	44	44	44	44	44	43	40	35	29	28	26	25	25	26	26	24	24	22	21	20	19	19	17	17	27
28	16	15	14	14	13	12	12	13	15	19	20	22	23	25	26	29	28	27	26	26	25	25	24	24	28
29	22	23	20	19	20	20	21	21	23	24	26	27	28	28	29	29	29	27	26	26	25	24	24	24	29
30	23	24	23	22	22	20	21	22	22	21	21	22	22	24	25	27	28	26	24	23	22	21	20	20	30
31	20	19	18	16	16	16	15	15	18	21	26	27	29	30	32	32	33	32	30	30	30	30	33	33	31

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	10	30.12	37	35	86	33	C	
2	01	10	29.94	45	45	98	45	SSW	8
3	01	0	30.13	46	38	46	26	WNW	10
4	01	10	29.94	44	39	64	33	SSW	6
5	01	2	30.05	38	33	59	25	NNE	14
6	01	10	29.75	38	36	84	34	SSW	14
7	01	6	29.86	38	32	46	19	NW	13
8	01	0	30.04	32	28	56	18	WNW	9
9	01	10	29.92	33	30	68	24	N	3
10	01	4	29.83	41	35	51	24	WNW	14
11	01	10	29.93	38	33	58	24	NE	12
12	01	0	30.04	31	27	52	16	N	6
13	01	10	29.64	32	30	79	26	S	7
14	01	0	29.83	29	26	60	17	NW	20
15	01	10	29.86	33	28	54	18	SSW	2
16	01	0	29.73	37	31	47	19	NW	18
17	01	0	29.86	33	28	53	17	WSW	9
18	01	0	30.07	27	24	56	14	NW	7
19	01	10	29.94	32	28	62	20	N	13
20	01	8	30.00	31	26	50	14	NNW	21
21	01	0	30.32	25	21	47	7	NW	8
22	01	10	29.86	33	31	80	28	SSW	12
23	01	0	29.84	34	32	79	28	WSW	6
24	01	10	29.94	32	30	76	26	ENE	6
25	01	0	29.97	29	28	84	25	C	
26	01	0	30.09	29	24	47	11	W	8
27	01	10	29.81	44	37	46	24	SSW	22
28	01	0	30.16	15	13	53	1	NNW	14
29	01	0	29.98	23	21	71	15	NE	6
30	01	10	30.11	24	20	52	9	NNE	5
31	01	0	30.37	19	17	60	7	WNW	9
	01	5	29.97	33	29	62	21	SSW	10

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	10	30.18	35	34	94	33	NE	2
2	07	10	29.88	47	47	97	47	WSW	10
3	07	4	30.24	42	36	56	28	WNW	13
4	07	4	29.90	44	38	56	29	S	6
5	07	7	30.11	33	30	68	24	NE	8
6	07	10	29.57	42	40	82	37	SSW	10
7	07	9	29.93	37	30	40	15	NW	18
8	07	9	30.05	33	29	57	19	WNW	3
9	07	10	29.87	35	32	71	27	NNE	2
10	07	10	29.94	41	34	48	22	WNW	12
11	07	10	29.92	34	28	49	16	NE	14
12	07	10	30.03	28	25	62	17	WNW	2
13	07	10	29.50	32	32	97	31	NNW	2
14	07	0	29.87	29	25	49	13	NNW	21
15	07	10	29.72	32	30	74	25	SSW	7
16	07	7	29.86	32	27	56	18	WSW	7
17	07	1	29.91	29	26	64	18	WSW	8
18	07	6	30.13	24	21	57	12	W	9
19	07	10	29.87	30	26	62	18	NNE	16
20	07	0	30.17	26	22	53	11	NNW	17
21	07	10	30.32	23	19	45	5	NW	6
22	07	10	29.79	32	31	94	30	SSW	2
23	07	7	29.95	33	28	57	19	NW	7
24	07	9	29.99	30	28	80	25	NE	7
25	07	10	29.92	31	30	88	28	S	8
26	07	3	30.15	30	26	58	17	NW	3
27	07	9	29.93	35	29	45	16	NW	26
28	07	0	30.15	13	10	51	-2	WNW	3
29	07	0	30.05	21	19	64	11	NNW	6
30	07	10	30.11	22	19	58	9	NNW	6
31	07	0	30.42	15	13	66	5	SW	2
	07	7	29.98	31	28	64	20	NW	8

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	30.11	51	44	58	37	C	
2	13	3	29.88	63	51	41	39	WNW	23
3	13	8	30.17	54	41	29	22	NW	12
4	13	6	29.84	58	50	55	42	NNW	18
5	13	10	30.01	37	32	57	23	SSW	8
6	13	10	29.51	53	50	83	48	NW	23
7	13	0	29.94	41	32	33	14	NW	24
8	13	8	29.97	46	36	34	19	WNW	10
9	13	10	29.67	38	35	78	32	ENE	7
10	13	9	29.96	45	38	52	28	WNW	12
11	13	9	29.95	39	31	38	15	NNE	12
12	13	10	29.91	35	30	57	21	SSE	8
13	13	10	29.50	36	33	66	26	NW	17
14	13	0	29.94	35	30	50	19	NW	22
15	13	2	29.60	40	34	51	23	S	10
16	13	10	29.84	39	32	44	19	WNW	12
17	13	1	29.90	43	33	27	11	WNW	17
18	13	1	30.09	34	28	43	14	NW	12
19	13	10	29.82	35	31	58	22	N	20
20	13	0	30.19	35	28	36	11	NNW	23
21	13	10	30.18	31	24	31	4	S	8
22	13	8	29.74	41	39	79	35	S	6
23	13	10	29.96	36	30	45	16	C	
24	13	7	29.99	38	32	52	22	NW	6
25	13	4	29.87	43	37	53	27	SSW	14
26	13	0	30.16	41	32	34	15	SSE	10
27	13	1	30.10	26	21	31	0	NW	25
28	13	10	30.01	25	20	37	2	S	12
29	13	0	30.04	28	22	32	2	NNW	14
30	13	10	30.13	24	22	82	19	WNW	8
31	13	9	30.34	30	25	49	13	SW	9
	13	6	29.95	39	33	49	21	NW	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
1	19	10	30.09	45	42	79	39	SE	3
2	19	0	30.08	51	41	40	27	NNW	7
3	19	10	30.12	47	40	52	31	SSW	5
4	19	3	29.94	50	43	53	34	NNE	16
5	19	10	29.91	37	34	75	30	SSE	12
6	19	0	29.80	39	33	47	21	NNW	25
7	19	0	29.99	37	31	48	19	WNW	20
8	19	10	29.95	40	33	46	21	NE	2
9	19	6	29.77	40	37	78	34	SSW	2
10	19	6	29.96	42	36	56	27	NNW	6
11	19	0	30.00	36	30	43	16	N	14
12	19	9	29.83	33	29	60	21	SW	7
13	19	6	29.73	32	29	62	21	NW	20
14	19	10	29.96	33	29	58	20	WNW	12
15	19	0	29.64	44	36	40	21	WNW	16
16	19	0	29.83	36	30	46	17	WSW	12
17	19	0	30.02	32	27	48	15	NNW	17
18	19	10	30.04	33	30	64	22	NW	8
19	19	10	29.92	36	31	56	22	NNW	18
20	19	0	30.29	31	26	42	11	NNW	10
21	19	3	30.04	31	26	49	14	S	10
22	19	0	29.79	39	37	82	34	SSW	12
23	19	10	30.00	34	30	61	22	SE	2
24	19	10	30.03	34	30	57	21	ESE	7
25	19	0	29.99	36	29	40	14	WNW	18
26	19	0	30.01	39	32	44	19	S	15
27	19	3	30.18	20	17	45	2	NNW	16
28	19	0	29.99	26	22	44	7	SW	3
29	19	0	30.06	26	22	45	7	N	9
30	19	10	30.25	23	20	51	8	NNW	10
31	19	6	30.20	30	28	74	23	S	10
	19	5	29.98	36	31	54	21	NNW	11

Station pressure in Table G obtained from barometer at 65 feet above mean sea level.

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