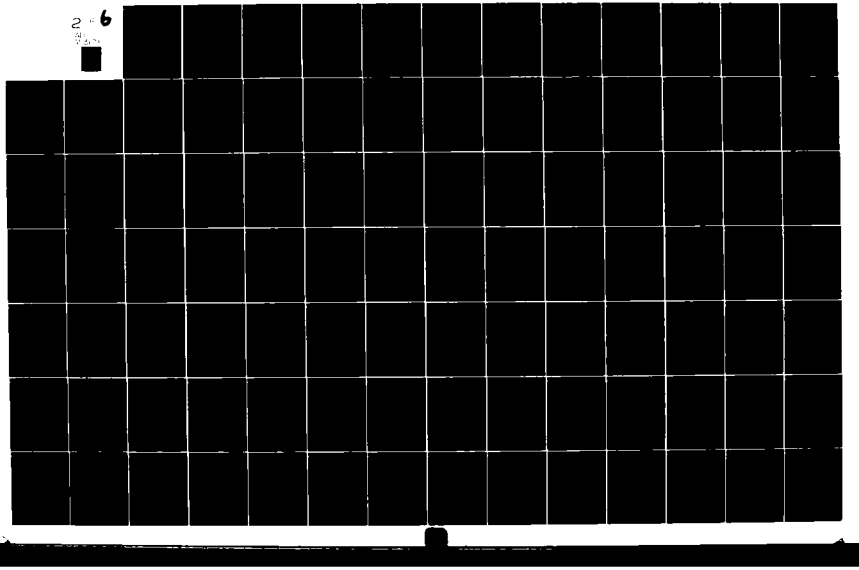
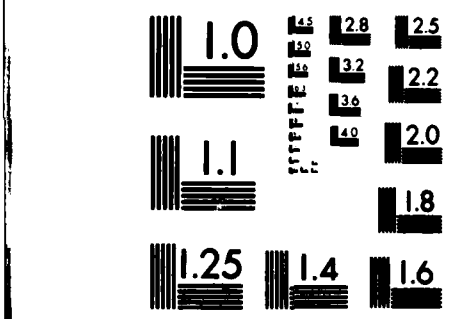
AD-A113 179 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KANSAS CITY IAP, MISSOURI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-82/003 SBI-AD-E850 135 NL



13179



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

...AL CLIMATOLOGY BRANCH
...FETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

...47 STATION | KANSAS CITY INTL MO STATION NAME | 73-80 YEARS | JUL MONTH

ALL WEATHER CLASS | ...-... HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.5	.7	.4	.1							3.2	5.6
NNE		1.2	1.4	.3								2.9	6.8
NE	.3	1.5	1.1	.1								3.1	6.1
ENE		1.5	.3									1.8	5.6
E		3.6	2.5	1.2	.1							7.5	7.7
ESE	.1	1.4	1.9	.3	.1							3.9	7.5
SE	.5	2.9	2.9	1.0								7.4	7.1
SSE	.1	3.9	4.4	1.8								10.3	7.7
S	.7	6.3	9.2	6.1	.7							22.6	9.3
SSW	.3	2.6	2.8	2.9	.1	.1						8.9	9.7
SW	.3	2.2	1.0	.8	.1							4.4	7.8
WSW	.7	2.6	1.0	.4	.1							4.9	6.3
W	.3	2.4	1.4	.1								4.2	6.1
WNW	.1	1.9	1.2	.6								3.9	7.1
NW	.3	1.4	1.0	.1								2.8	6.3
NNW	.1	.6	1.1	.3								2.1	7.9
VARBL													
CALM												5.2	
	4.3	37.4	33.9	16.5	1.5	.1						10...8	7.3

TOTAL NUMBER OF OBSERVATIONS 72...

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

...47	KANSAS CITY INTL MO	73-82	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

...00-...00 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.[illegible]	1.[illegible]	.7								[illegible]	[illegible]
NNE		1.[illegible]	.7	.1								1.[illegible]	[illegible]
NE		1.4	1.1	.3	.1							[illegible]	[illegible]
ENE		1.1	1.9	.7								[illegible]	[illegible]
E	.[illegible]	3.[illegible]	1.[illegible]	1.0	.1							[illegible]	[illegible]
ESE		1.1	2.1	.6								[illegible]	[illegible]
SE	.1	1.4	2.4	.6	.[illegible]							4.[illegible]	[illegible]
SSE	.1	3.1	3.6	[illegible].9								[illegible].7	[illegible]
S	.1	4.[illegible]	8.5	[illegible].7	1.7							[illegible]4.[illegible]	[illegible]
SSW	.4	2.6	3.6	2.4	.4							[illegible].4	[illegible]
SW	.4	2.1	2.1	1.4	.3							[illegible].2	[illegible]
WSW	.4	2.4	.7	.4								[illegible].9	[illegible]
W	.6	2.1	1.5	.6								4.7	[illegible]
WNW	.3	1.9	1.2	.6								4.[illegible]	[illegible]
NW	.3	1.[illegible]	.[illegible]	.6	.1							[illegible].2	[illegible]
NNW	.1	1.[illegible]	1.[illegible]	.4								2.5	[illegible]
VARBL													
CALM												[illegible].4	
	[illegible].2	[illegible]2.5	[illegible]4.0	22.8	3.1							[illegible]00.[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]2

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] 47 — STATION
KANSAS CITY INTL AP — STATION NAME
73-80 — YEARS
JU[illegible] — MONTH
ALL WEATHER — CLASS
[illegible]-12 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	1.[illegible]	1.7								.[illegible]	.[illegible]
NNE		.7	1.[illegible]	.3								1.[illegible]	.[illegible]
NE		.4	1.1	.6								.[illegible]2	[illegible].3
ENE	.1	1.1	1.8	.3								.[illegible]2	[illegible].[illegible]
E	.1	.5	3.5	1.0	.1							[illegible].2	[illegible].[illegible]
ESE	.1	1.3	1.5	1.1	.1							[illegible].2	[illegible].[illegible]
SE		1.1	2.1	1.3								4.5	[illegible].[illegible]
SSE		.[illegible]	1.8	2.9	.1							[illegible].7	10.[illegible]
S	.3	2.3	7.1	13.0	1.0	.1						[illegible]2.3	11.[illegible]
SSW		1.7	4.9	5.1	1.1							1[illegible].8	11.2
SW	.3	2.[illegible]	[illegible].0	2.6	.1							[illegible].8	9.1
WSW		1.7	1.5	1.3								[illegible].5	[illegible].7
W	.[illegible]	1.7	2.1	1.1								[illegible].1	7.[illegible]
WNW	.3	1.5	1.1	2.2	.1							[illegible].3	[illegible].6
NW	.1	.[illegible]	1.4	1.1								[illegible].3	[illegible].[illegible]
NNW		.[illegible]	1.[illegible]	.[illegible]								[illegible].1	[illegible].4
VARBL													
CALM												1.7	
	1.[illegible]	20.7	[illegible]6.7	35.[illegible]	3.8	.1						[illegible]00.[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS 71[illegible]

...AL CLIMATOLOGY BRANCH
...ETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 — STATION
KANSAS CITY INTL MO — STATION NAME
73-80 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
1200-1400 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.1	1.7	2.1	.6							5.4	1[illegible]
NNE		1.1	1.5	.8								3.5	[illegible]
NE	.4	.4	1.8	.1								2.[illegible]	7.1
ENE	.2	.4	1.1	.7								2.4	[illegible]
E	.3	.7	2.6	1.4	.1							5.1	[illegible]
ESE	.1	.3	1.5	1.1	.1							3.7	[illegible]
SE		1.4	1.8	2.5								5.7	[illegible]
SSE		1.[illegible]	2.6	4.9	.3							[illegible]	11.[illegible]
S		[illegible].2	[illegible].1	1[illegible].1	2.8							21.2	11.[illegible]
SSW		1.5	3.7	4.[illegible]	1.0	.3						10.6	11.4
SW		.[illegible]	2.4	2.5	.6							6.2	11.[illegible]
WSW	.1	.6	1.9	1.5								4.2	[illegible]
W		1.2	2.1	1.9								[illegible].3	[illegible]
WNW		.3	1.8	2.4								[illegible].[illegible]	10.4
NW		.7	1.[illegible]	1.4								3.1	[illegible]
NNW	.1	.3	1.5	1.8								3.7	10.[illegible]
VARBL													
CALM												2.3	
	1.2	15.7	35.3	39.3	5.4	.3						[illegible].[illegible]	10.2

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	KANSAS CITY INTL MO	73-80	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1800-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.0	3.5	1.2	.6							5.3	9.4
NNE		.7	1.2	1.1								3.0	10.2
NE		1.0	1.1	.8								2.9	8.7
ENE		1.0	.5	.4								1.9	8.1
E	.3	.8	2.1	1.5	.4	.1						5.3	10.1
ESE	.1	1.5	2.4	1.4								4.4	9.7
SE	.1	1.4	1.9	1.1								4.6	8.7
SSE	.2	.4	3.9	2.6	.6	.1						7.9	10.6
S	.3	1.7	7.4	11.0	2.8	.6						23.8	12.1
SSW		.8	4.4	4.7	.6	.4						11.0	11.7
SW		.8	3.1	2.4	.1							6.4	10.5
WSW		1.0	1.8	1.4								4.2	9.7
W	.3	1.1	2.4	.8								4.6	8.1
WNW		.1	1.2	1.0								3.3	11.3
NW	.1	.4	1.9	1.8								4.3	9.5
NNW	.1	1.0	1.8	.8	.1							3.9	9.1
VARBL													
CALM												1.-	
	1.7	14.3	41.0	35.1	5.1	1.2						1[illegible].2	10.3

TOTAL NUMBER OF OBSERVATIONS 72[illegible]

...AL CLIMATOLOGY BRANCH
...TAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
...47	KANSAS CITY INTL MO	73-83	JUN

CLASS: ALL WEATHER
HOURS (L.S.T.): 1800-2100

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.?	2.1	.8	.3							.6	8.?
NNE	.1	.4	.4	.4	.1							1.5	9.5
NE	.1	1.1	.8	1.1								?.2	8.6
ENE		.7	1.2	.6	.1							2.6	9.1
E	.1	2.2	3.5	.7								6.5	7.7
ESE	.1	1.9	2.8	1.8	.1							6.7	8.5
SE	.1	2.2	3.7	1.0								?.1	7.?
SSE	.1	2.5	3.7	2.2	.4							?.?	8.7
S		6.2	8.9	11.5	1.2	.3						28.2	10.?
SSW		1.9	3.1	1.4	.3							6.7	8.9
SW	.1	1.5	.4	.4								2.5	6.7
WSW	.?	1.?	1.2	.3								3.?	6.3
W	.4	1.7	.8	.7								3.6	7.?
WNW	.1	.7	.6	.1								1.5	6.?
NW		1.9	.8	1.5	.1							4.4	?.9
NNW		1.?	1.5	1.1								3.6	6.?
VARBL													
CALM												3.5	
	1.9	30.1	35.7	25.7	2.8	.3						100.?	8.5

TOTAL NUMBER OF OBSERVATIONS ??

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible]EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible]47 KANSAS CITY INTL MO 73-80 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

[illegible]-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6	3.1	.8	.1							4.6	[illegible]
NNE	.1	1.7	.3	.1	.1							2.4	6.[illegible]
NE	.[illegible]	1.1	1.1	.1								2.[illegible]	6.[illegible]
ENE	.1	2.3	1.[illegible]	.1								4.3	6.[illegible]
E		2.9	2.9	.7								[illegible].5	7.1
ESE	.1	3.[illegible]	2.[illegible]	1.0								6.3	7.[illegible]
SE	.[illegible]	4.4	2.9	1.[illegible]								[illegible].5	7.[illegible]
SSE	.1	[illegible].[illegible]	[illegible].8	2.1								1[illegible].[illegible]	7.[illegible]
S	.3	[illegible].4	[illegible].4	1[illegible].0	1.[illegible]							[illegible]7.1	[illegible].[illegible]
SSW		2.[illegible]	1.4	1.[illegible]	.3							[illegible].4	8.[illegible]
SW	.1	1.9	.3	.1								[illegible].1	6.4
WSW		1.[illegible]	.1	.1								1.7	[illegible].6
W	.1	.8		.6								1.5	7.[illegible]
WNW	.3	1.7	.6	.7								[illegible].2	7.[illegible]
NW		1.1	1.0	.1								[illegible].2	[illegible].[illegible]
NNW		.[illegible]	1.1	.4								2.4	7.[illegible]
VARBL													
CALM												4.[illegible]	
	1.[illegible]	39.4	33.7	19.3	1.[illegible]							[illegible]0.[illegible]	7.7

TOTAL NUMBER OF OBSERVATIONS [illegible]72[illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L...AL CLIMATOLOGY BRANCH
...TAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	KANSAS CITY INTL AP	73-80	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.3	2.7	1.0	.2							4.3	8.9
NNE	.2	.9	.9	.5	.0							2.3	8.1
NE	.2	1.7	1.1	.4	.1							2.7	7.6
ENE	.1	1.4	1.2	.4	.0							3.2	7.4
E	.2	2.1	2.7	1.1	.1	.0						6.2	8.1
ESE	.2	1.8	2.2	1.0	.1							5.1	8.0
SE	.2	2.3	2.7	1.2	.0							6.5	7.8
SSE	.1	2.6	3.7	2.7	.2	.0						9.5	8.4
S	.3	4.5	8.3	9.5	1.6	.1						24.3	10.1
SSW	.1	2.3	3.3	3.2	.5	.1						9.3	10.2
SW	.2	1.8	1.7	1.4	.2							5.3	8.7
WSW	.2	1.7	1.1	.7	.0							3.8	7.5
W	.2	1.7	1.3	.8				.0				4.1	7.9
WNW	.2	1.4	1.0	1.1	.0							3.7	8.2
NW	.1	1.1	1.1	.9	.2							3.3	8.4
NNW	.1	.7	1.3	.7	.0							2.8	8.7
VARBL													
CALM												3.8	
	2.4	28.4	35.7	26.5	3.0	.3		.0				100.2	8.7

TOTAL NUMBER OF OBSERVATIONS 5750

L... AL CLIMATOLOGY BRANCH
...TAC
... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 (STATION) | KANSAS CITY INTL MO (STATION NAME) | 73-82 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

(HOURS (L.S.T.))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.7	.6	.1								3.6	5.1
NNE	.1	2.3	.9	.4								3.7	6.3
NE	.4	2.8	.9	.5								4.7	5.4
ENE	.1	1.2	.8	.7								2.8	7.6
E	.3	3.5	3.0	.7								7.4	6.7
ESE	.1	4.5	1.5									6.1	5.9
SE	.1	4.7	2.4	.1								7.4	5.2
SSE	.5	4.6	4.6	.3								10.0	6.3
S	.3	7.4	13.2	4.4	.5							25.8	8.3
SSW	.1	3.2	5.1	3.0	.4							11.8	8.9
SW	.4	1.3	1.6	.4								3.8	6.5
WSW		1.7	.3									1.8	5.7
W	.1	1.3	.3	.1								1.9	5.7
WNW	.3	1.5	.1									1.9	4.1
NW		.9	.1	.1								1.2	6.3
NNW	.3	1.2	.3	.1								1.9	5.5
VARBL													
CALM												4.8	
	3.5	43.8	35.9	11.0	.9							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 744

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOLLY OBSERVATIONS)

[illegible]47 (STATION) KANSAS CITY INTL AP (STATION NAME) 73-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

[illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.1	.7		.1							1.9	6.4
NNE	.1	3.[illegible]	.7	.3	.1	.1						4.3	7.[illegible]
NE	.3	3.[illegible]	1.9	.7								5.9	6.[illegible]
ENE	.4	1.5	.8	.7	.3							3.6	5.[illegible]
E	.3	2.6	1.7	.5								5.1	6.[illegible]
ESE	.4	2.8	.9	.3								4.4	5.[illegible]
SE	.[illegible]	4.2	2.8									7.3	5.[illegible]
SSE	.1	3.2	3.6	.4								7.5	6.[illegible]
S	.8	9.5	9.8	2.4								22.[illegible]	7.[illegible]
SSW	.7	3.[illegible]	6.5	2.7	.[illegible]							14.[illegible]	[illegible].3
SW	.3	2.4	2.7	.[illegible]								[illegible].[illegible]	7.[illegible]
WSW	.3	1.3	.3									1.9	[illegible].[illegible]
W	.1	1.5	.5									2.2	[illegible].[illegible]
WNW	.3	1.1	.3									1.6	4.[illegible]
NW	.[illegible]	1.5	.5									[illegible].[illegible]	4.[illegible]
NNW		.[illegible]	.7									1.6	6.1
VARBL													
CALM												7.[illegible]	
	[illegible].2	43.4	34.5	[illegible].6	.8	.1						[illegible]0.[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...AF
...SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

...47 | KANSAS CITY INTL AP | 73-80 | JUL
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.2	1.9	.1								.4	7.1
NNE	.4	1.6	1.2	.4	.3							3.9	7.4
NE	.4	1.9	2.2	.5								5.1	7.1
ENE	.3	1.1	1.7	.5								3.6	7.5
E	.4	2.2	1.7	.1								4.4	6.7
ESE	.1	3.1	2.6	.5								6.5	7.
SE	.1	3.3	2.6	.3								6.7	6.7
SSE	.7	3.5	2.7	.9								7.4	7.1
S	.3	5.5	13.1	3.6								12.5	9.
SSW	.1	3.9	7.4	2.8	.9							15.1	8.7
SW	.4	2.3	3.4	.9	.1							6.9	7.3
WSW	.4	1.7	2.2									4.3	6.7
W	.4	2.3	.3									3.7	4.6
WNW		1.2	.3									1.5	5.3
NW	.1	.9	.5	.1								1.7	6.
NNW	.1	1.5	.9									2.5	6.1
VARBL													
CALM												3.9	
	4.0	36.4	41.4	11.0	1.2							13.3	7.

TOTAL NUMBER OF OBSERVATIONS 744

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	KANSAS CITY INTL MO	73-83	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

CONDITION

0900-1100 — HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.7	2.4	2.2								7.1	[illegible]
NNE		.9	2.2	.5	.1							3.6	[illegible]
NE		.7	1.1	.5								2.3	[illegible]
ENE	.4	.7	1.3	.9								3.4	[illegible]
E	.4	1.3	2.2	.3								4.2	7.0
ESE	.1	1.3	3.2	.9								5.5	8.1
SE		2.1	3.4	1.3								7.3	7.9
SSE	.7	.9	2.7	.9								5.2	9.0
S	.3	4.3	7.9	3.5	.4							16.4	8.4
SSW		3.3	6.7	4.7	.7							15.1	8.5
SW	.3	2.3	4.7	3.5	.5							11.6	9.2
WSW	.1	.9	2.7	.8								4.6	5.2
W	.1	2.6	1.1	.3								4.2	6.4
WNW		1.2	1.6									2.8	7.2
NW	.4	1.1	.8									2.3	5.3
NNW	.1	.7	.9	.1								1.9	7.5
VARBL													
CALM												2.4	
	3.4	28.1	45.8	20.6	1.7							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 744

[illegible] CLIMATOLOGY BRANCH
[illegible] USAF
[illegible] SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

947	KANSAS CITY INTL MO	73-80	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

[illegible]
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.7	3.1	2.2								7.3	[illegible]
NNE	.1	1.3	2.9	1.1								.4	[illegible]
NE	.1	.3	1.1	1.1								.6	[illegible]
ENE		.7	.9	.9								.5	[illegible]
E	.3	1.2	2.6	.7								.4	7.5
ESE		1.2	1.7	.8								3.7	7.3
SE	.1	1.7	3.1	1.7		.1						6.7	8.4
SSE	.1	1.7	2.2	1.7								5.7	8.2
S	.3	4.4	7.8	6.3	.8							19.7	9.4
SSW		1.3	4.3	7.5	.7	.1						17.6	11.2
SW	.2	2.5	4.0	3.0	.4							12.2	9.7
WSW		.7	2.2	.3								3.4	7.7
W	.1	1.1	2.3	.4								3.9	7.7
WNW	.1	.5	.8									1.7	6.1
NW		.7	1.1	.4								2.4	7.5
NNW		.9	1.4									2.3	7.3
VARBL													
CALM												.1	
	1.7	23.3	41.6	27.7	1.9	.3						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 747

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] OF WEATHER

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	[illegible]	JUL

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.[illegible]	4.4	2.2	.1							[illegible]	[illegible]
NNE		1.2	2.[illegible]	.9								[illegible]	[illegible]
NE		1.[illegible]	2.[illegible]	1.2								[illegible]	[illegible]
ENE		1.2	1.[illegible]	.9								[illegible]	[illegible]
E	.1	1.7	2.3	.9								[illegible]	[illegible]
ESE	.2	.9	2.3	1.3								[illegible]	[illegible]
SE	.1	1.2	3.1	.[illegible]								[illegible]	[illegible]
SSE		1.[illegible]	2.[illegible]	1.1								[illegible]	[illegible]
S	.4	2.6	9.[illegible]	7.8	.3							[illegible]	[illegible]
SSW	.4	1.[illegible]	5.2	[illegible].2	.1							[illegible]	[illegible]
SW	.1	1.7	2.8	1.6	.[illegible]	.1						[illegible]	[illegible]
WSW		1.1	.9									[illegible]	[illegible]
W	.3	1.7	.8	.1								[illegible]	[illegible]
WNW	.1	1.6	1.1	.1								[illegible]	[illegible]
NW	.1	1.3	1.3	.5								[illegible]	[illegible]
NNW		1.[illegible]	1.2	.9	.1							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible].2	24.[illegible]	42.2	26.7	1.7	.1						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] | KANSAS CITY INT'L [illegible] | 73-80 | JUL

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | [illegible]

CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.4	3.4	.9								[illegible]	7.[illegible]
NNE		2.2	2.[illegible]	.9								[illegible].1	6.1
NE		2.7	2.2	.7								[illegible].6	7.[illegible]
ENE	.3	1.1	1.7	.9	.1							4.2	6.[illegible]
E		2.4	2.4	.8								[illegible].6	7.[illegible]
ESE	.[illegible]	5.9	3.4	.3								10.3	6.[illegible]
SE	.1	2.2	4.[illegible]	.1								6.[illegible]	7.1
SSE	.3	3.[illegible]	2.8	1.5								[illegible].3	7.3
S	.4	7.7	[illegible].7	4.7	.3							[illegible].7	6.1
SSW	.[illegible]	2.4	3.9	1.2								7.3	7.[illegible]
SW		.[illegible]	.3	.3								1.1	7.5
WSW	.[illegible]	1.2	.[illegible]									2.[illegible]	5.3
W		1.3	.1									1.[illegible]	[illegible].[illegible]
WNW	.3	.7	.3									1.2	[illegible].1
NW	.1	.7	.[illegible]									1.3	6.2
NNW	.1	.[illegible]	1.1	.3								2.4	6.[illegible]
VARBL													
CALM												4.[illegible]	
	3.1	41.[illegible]	38.3	12.6	.4							[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L ISL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
47	KANSAS CITY INTL MO	73-83	JUL

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.):

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.3	1.2		.1							4.0	5.1
NNE	.1	2.7	1.1	.3								4.2	5.4
NE	.1	2.4	1.3	.7								4.1	7.1
ENE	.4	2.3	1.7	.5								4.9	6.5
E	.3	3.6	2.7	.4								7.0	6.5
ESE	.1	7.7	3.1									10.9	5.6
SE	.1	6.9	3.9	.5								11.3	6.6
SSE	.7	6.7	6.2	.9								14.5	6.3
S	.3	5.3	5.8	5.8	.1							21.2	6.3
SSW		2.3	1.5	.7	.1							4.3	7.9
SW		1.3	.7	.1								2.2	6.2
WSW		.5										.5	5.3
W	.4	1.2	.1	.3								2.0	5.5
WNW	.4	.7	.1			.7						1.5	5.4
NW	.1	.5		.3								.9	5.7
NNW		.3	.8	.1			.1					1.3	5.3
VARBL													
CALM												4.3	
	3.5	47.4	33.3	10.6	.4	.3	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 744

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	KANSAS CITY INTL MO	73-[illegible]	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	2.1	2.4	1.0	.1							[illegible].7	7.[illegible]
NNE	.1	1.[illegible]	1.6	.6	.1	.[illegible]						[illegible].3	7.[illegible]
NE	.2	1.[illegible]	1.5	.7								[illegible].5	7.[illegible]
ENE	.[illegible]	1.2	1.3	.8	.1							3.6	8.[illegible]
E	.[illegible]	2.[illegible]	2.3	.6								[illegible].6	7.[illegible]
ESE	.[illegible]	3.4	2.3	.5								[illegible].5	6.6
SE	.1	3.3	3.[illegible]	.6		.[illegible]						7.1	7.1
SSE	.3	3.3	3.4	1.[illegible]								7.[illegible]	7.[illegible]
S	.4	5.[illegible]	9.7	4.[illegible]	.4							[illegible].1	[illegible].[illegible]
SSW	.[illegible]	2.[illegible]	[illegible].1	3.5	.4	.[illegible]						11.[illegible]	9.3
SW	.3	1.[illegible]	2.5	1.3	.2	.[illegible]						[illegible].1	8.5
WSW	.1	1.1	1.1	.1								[illegible].5	[illegible].7
W	.[illegible]	1.6	.7	.2								[illegible].6	[illegible].[illegible]
WNW	.[illegible]	1.1	.6	.[illegible]		.[illegible]						1.[illegible]	6.2
NW	.[illegible]	1.[illegible]	.6	.2								[illegible].[illegible]	6.3
NNW	.1	1.1	.[illegible]	.2	.[illegible]		.[illegible]					[illegible].4	7.1
VARBL													
CALM												4.3	
	[illegible].3	35.3	[illegible]9.1	16.1	1.1	.1	.[illegible]					[illegible]1.[illegible]	7.5

TOTAL NUMBER OF OBSERVATIONS [illegible]951

...AL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4?	KANSAS CITY INTL MO	73-80	AU...
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

...00-2...
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.3	.9	.4								...4	7.1
NNE		2.9	1.5	.4								4.7	6.6
NE	.1	1.9	2.8	.4								...2	7.3
ENE	.1	.9	.9	.3								...3	6.9
E		3.8	2.4	.4								...6	6.0
ESE	.1	3.9	2.0	.1								...2	6.3
SE	.1	4.8	5.4	1.5	.1							12.7	7.4
SSE	.5	5.3	5.2	1.2	.1							12.9	7.1
S		6.5	9.8	9.0	.1							...4	9.3
SSW		...4	2.6	2.4								...3	8.3
SW	.1	.7	.8	.1								1.7	7.3
WSW	.1	1.2	.3									1.6	4.9
W	.4	1.5	.3	.1								...3	5.3
WNW		.4	.1	.3								...8	6.2
NW	.3	.9	.4									...8	5.1
NNW		1.3	.3	.1								1.7	6.2
VARBL													
CALM												...8	
	...2	41.1	35.8	16.8	.4							...0	7.3

TOTAL NUMBER OF OBSERVATIONS ...744

[illegible] AIR WEATHER SERVICE/MAC
USAFETAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	KANSAS CITY INTL MO	[illegible]	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

[illegible]
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.2	1.3	.3								[illegible]	[illegible]
NNE		2.1	1.3	.1								[illegible]	[illegible]
NE		2.6	2.0	.3								[illegible]	[illegible]
ENE	.1	1.1	.7	.4								[illegible]	[illegible]
E	.2	3.1	2.0	.3								[illegible]	[illegible]
ESE	.1	2.5	2.3	.7								[illegible]	[illegible]
SE	.3	5.4	2.8									[illegible]	[illegible]
SSE	.2	4.6	5.4	.7								[illegible]	[illegible]
S	.7	5.5	7.4	7.3	.5							[illegible]	[illegible]
SSW		3.2	4.3	1.7	.1							[illegible]	[illegible]
SW	.1	.7	1.1	.1								[illegible]	[illegible]
WSW	.1	1.2	.5	.1								[illegible]	[illegible]
W	.4	1.9	.2									[illegible]	[illegible]
WNW	.4	1.9										[illegible]	[illegible]
NW	.4	.2	.4	.1								[illegible]	[illegible]
NNW	.1	.7	.8	.4								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	3.5	41.3	35.2	12.5	.9							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	KANSAS CITY INTL MO	73-80	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0800-0859
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.6	.7	.3								3.[illegible]	[illegible]
NNE	.1	1.[illegible]	.9	.9								3.6	7.[illegible]
NE	.1	1.3	1.[illegible]	.7								3.9	7.[illegible]
ENE	.1	1.1	.9	.3								2.4	7.4
E	.3	2.[illegible]	1.5	.4								4.3	6.7
ESE	.5	2.0	3.5	.4								6.5	7.1
SE	.4	3.0	4.0	.5	.1							8.1	7.[illegible]
SSE	.7	4.6	4.3	.5								10.1	6.7
S	.3	5.2	12.4	7.1	.4							25.3	9.1
SSW	.1	3.5	4.8	4.0	.3							12.8	9.[illegible]
SW		.8	1.3	.8								3.0	8.4
WSW	.4	1.5	.1	.1								2.2	5.3
W		1.3	.9		.1							2.4	7.[illegible]
WNW	.3	.9	.8									2.0	5.9
NW	.7	1.3	.7	.4								3.7	6.[illegible]
NNW	.3	1.5	.5									2.3	5.5
VARBL													
CALM												4.5	
	4.3	34.3	39.4	16.5	.9							100.[illegible]	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

147	KANSAS CITY INTL AP	73-80	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	1.3	.4								2.4	7.5
NNE	.[illegible]	.4	1.6	.[illegible]								3.1	[illegible]
NE	.1	.5	1.2	.8	.1							2.[illegible]	[illegible]
ENE	.1	.7	1.2	.8	.1							3.3	9.1
E		.9	2.6	1.1								4.6	8.9
ESE		1.5	1.9	.5	.1							[illegible].2	[illegible]
SE	.1	1.2	1.7	1.5								4.5	9.9
SSE	.4	1.3	4.7	2.7								[illegible].1	[illegible]
S	.1	3.1	9.4	9.0	.[illegible]							[illegible]2.4	10.1
SSW	.1	3.2	5.6	5.1	.5							1[illegible].6	9.7
SW		2.2	5.2	3.[illegible]	.3							11.4	9.3
WSW	.1	1.1	1.3	1.1	.1							3.[illegible]	[illegible]
W	.3	1.1	1.9									3.2	6.4
WNW	.1	.[illegible]	1.2	.3								[illegible].5	7.3
NW	.3	.[illegible]	1.5	.5	.1							3.2	7.7
NNW		.7	1.2	.4								[illegible].3	[illegible].1
VARBL													
CALM												1.7	
	2.2	20.4	44.6	28.8	2.3							[illegible]00.3	[illegible]

TOTAL NUMBER OF OBSERVATIONS 744

[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	KANSAS CITY INTL MO	73-80	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

[illegible]-14
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	2.3	1.1								4.1	7.0
NNE	.7	.5	1.6	.7								3.1	[illegible]
NE		.7	1.5	.5								2.7	[illegible]
ENE	.1	.5	1.9	.9								3.5	8.9
E	.3	1.9	2.3	1.7								6.2	8.3
ESE	.1	1.5	1.6	.5								3.9	7.3
SE	.3	1.3	2.3	1.6								5.5	8.7
SSE	.1	1.1	4.2	2.8	.1							8.5	9.7
S	.1	2.3	7.9	11.2	1.7	.1						23.4	11.2
SSW	.3	2.2	6.0	6.3	.9							15.7	10.5
SW	.1	1.8	5.1	2.2	.3							9.3	9.4
WSW	.5	1.9	.9	.8								4.2	7.3
W	.3	.8	.7	.4								2.2	7.5
WNW	.1	1.1	.6	.7								2.7	7.7
NW		.7	1.9	.1								2.7	5.1
NNW		.3	.5	.4								1.5	6.3
VARBL													
CALM												1.9	
	2.7	19.2	41.0	32.0	3.1	.1						[illegible].3	9.4

TOTAL NUMBER OF OBSERVATIONS 744

L... AL CLIMATOLOGY BRANCH
...TAC ...
A... ...ATH ... SE-VASL/AAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

...47 (STATION) KANSAS CITY INTL AP (STATION NAME) 73-80 (YEARS) ALL (MONTH)

ALL WEATHER (CLASS)

...-17... (HRS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.2	3.5	.7								...2	...2
NNE		1.7	2.2	.9	.1							4.5	...7
NE	.1	.1	2.0	.8								3.1	...8
ENE	.3	.1	1.9	.9								3.2	9.3
E	.4	2.1	2.9	1.6	.1							7.1	8.2
ESE	.1	1.1	1.9	1.7								4.8	8.7
SE	.1	1.6	2.7	.9								...4	8.0
SSE		.9	3.2	2.0								6.2	9.5
S	.4	3.3	9.5	11.4	1.5	.1						25.9	10.7
SSW	.1	2.0	5.6	6.5	.1							14.4	10.2
SW	.4	2.6	2.4	1.2								6.6	7.5
WSW	.1	.9	1.2	.4								2.6	7.5
W	.2	.8	.7	.4								2.4	7.1
WNW		.7	.7	.4								2.0	7.7
NW		.8	.9	.7								2.4	9.2
NNW		.9	1.3	.4	.1							2.9	8.7
VARBL													
CALM												1.6	
	2.6	20.3	42.1	31.0	2.2	.1						100.W	9.1

TOTAL NUMBER OF OBSERVATIONS 744

L RAL CLIMATOLOGY BRANCH
SAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	KANSAS CITY INTL MO	73-83	AU
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.6	3.4	.5								7.7	7.1
NNE	.1	1.2	1.9	.5								3.7	8.1
NE	.1	2.2	2.3	1.1								5.6	7.1
ENE		1.9	2.3	.4								4.6	7.6
E	.3	2.0	3.6	.5								6.5	7.9
ESE	.3	4.0	3.2	1.2								8.7	7.3
SE	.7	3.6	3.1	1.2								8.5	7.1
SSE		5.1	4.6	.5	.1							10.3	7.1
S	.5	6.3	11.3	8.1	.4							26.3	9.1
SSW	.5	3.8	1.9	.8	.1							6.3	7.8
SW		.7	.5	.1								1.3	7.3
WSW		.8	.3									1.1	6.5
W		.7	.3	.1								1.1	7.3
WNW		.8	.1	.3								1.2	8.4
NW	.4	.5	.3	.1	.3							1.6	7.6
NNW		1.3	1.5	.1								3.0	7.1
VARBL													
CALM												3.2	
	3.2	36.4	40.5	15.7	.9							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 744

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] STATION SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	KANSAS CITY INTL AP	73-80	A
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

[illegible] C-2[illegible]
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.3	1.1	.4								[illegible]	[illegible]
NNE	.1	1.7	1.3	.5								3.[illegible]	7.[illegible]
NE		2.2	1.6	1.1								4.[illegible]	7.[illegible]
ENE	.3	1.6	1.6	.5								4.[illegible]	7.[illegible]
E	.4	3.6	2.8	.4								7.4	6.[illegible]
ESE	.4	5.0	4.4	1.2								11.[illegible]	[illegible].1
SE	.2	5.1	4.3	.9								11.2	6.[illegible]
SSE	.7	6.5	5.7	1.5								14.3	7.4
S	.3	5.2	13.1	7.4	.[illegible]							[illegible]	[illegible].[illegible]
SSW		1.[illegible]	.5	.5								[illegible].[illegible]	7.1
SW	.4	.[illegible]	.3			.1						1.5	6.2
WSW		.1	.4	.3								.8	[illegible].7
W	.3	.[illegible]					.1					1.2	7.[illegible]
WNW	.1	1.1	.1	.1								1.5	[illegible].5
NW		.4	.1	.1								.7	7.5
NNW	.4	1.1	.3	.3	.[illegible]							[illegible].3	[illegible].[illegible]
VARBL													
CALM												5.[illegible]	
	4.6	32.5	35.8	15.3	.8	.1	.1					[illegible]00.2	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS 744

AIR CLIMATOLOGY BRANCH
TAC
FAT-TN SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	KANSAS CITY INTL MO	73-80	ALL

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.4	1.7	.5								[illegible]	7.[illegible]
NNE	.1	1.[illegible]	1.9	.6	.[illegible]							[illegible]	7.[illegible]
NE	.3	1.4	1.[illegible]	.7	.[illegible]							[illegible]	7.[illegible]
ENE	.[illegible]	1.[illegible]	1.4	.6	.[illegible]							[illegible]	7.[illegible]
E	.[illegible]	2.4	2.5	.[illegible]	.[illegible]							[illegible]	7.[illegible]
ESE	.[illegible]	2.7	2.6	.8	.[illegible]							[illegible]	7.[illegible]
SE	.4	3.3	3.3	1.[illegible]	.[illegible]							[illegible]	7.[illegible]
SSE	.3	3.7	4.8	1.5	.1							[illegible]	7.7
S	.[illegible]	5.1	[illegible].0	[illegible].8	.[illegible]	.[illegible]						[illegible]	[illegible].[illegible]
SSW	.2	2.[illegible]	4.[illegible]	3.4	.3							[illegible]	[illegible].[illegible]
SW	.[illegible]	1.2	2.1	1.[illegible]	.1	.[illegible]						[illegible]	8.7
WSW	.[illegible]	1.1	.6	.4	.[illegible]							[illegible]	7.1
W	.[illegible]	1.1	.7	.1	.[illegible]		.[illegible]					[illegible]	[illegible]
WNW	.1	1.[illegible]	.[illegible]	.[illegible]								[illegible]	[illegible].7
NW	.[illegible]	.[illegible]	.[illegible]	.3	.1							[illegible]	7.[illegible]
NNW	.1	1.[illegible]	.[illegible]	.3	.1							[illegible]	7.4
VARBL													
CALM												[illegible].4	
	[illegible].[illegible]	31.6	3[illegible].3	21.1	1.4	.1	.[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.2	3.1	1.2								.6	7.0
NNE	.3	3.1	1.1	.3								4.8	7.0
NE	.2	1.4	1.1	.6								3.3	7.0
ENE	.1	.7	1.1	1.1								3.1	8.0
E	.1	3.4	7.3	.3								11.4	8.0
ESE		3.1	3.5	.1								6.8	8.0
SE	.4	6.3	3.5	.7								11.0	8.0
SSE	.1	5.3	5.3	1.2	.1							12.1	8.0
S	.1	7.2	3.1	4.2	.6							15.1	10.6
SSW	.1	3.0	3.1	.6								6.8	9.0
SW		1.2	.7									1.9	6.1
WSW	.1	1.3	.4									1.8	5.0
W	.2	2.1	.1	.1								2.5	7.6
WNW	.1	2.1	.6									2.8	7.0
NW	.2	1.3	1.2	.4								3.1	7.0
NNW		1.0	1.3	.3								2.6	6.1
VARBL													
CALM												1.4	
	2.4	44.3	35.6	11.1	.7							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 22

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible]EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	KANSAS CITY INTL AP	72-83	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

[illegible]
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.1	1.9	.6								[illegible]	[illegible]
NNE	.2	2.3	1.2	.4								[illegible]	[illegible]
NE		2.2	1.8	.4								4.4	7.[illegible]
ENE	.1	1.2	1.5	.6								[illegible]	[illegible]
E	.2	3.5	1.9	.7								[illegible]	[illegible]
ESE	.1	3.2	2.2	.1								[illegible]	[illegible]
SE	.4	4.2	2.1	.3								[illegible]	[illegible]
SSE	.1	5.3	4.4	.6								10.4	6.[illegible]
S	.2	9.7	9.2	3.1	.1							[illegible]	[illegible]
SSW	.2	3.[illegible]	1.7	.4	.1							[illegible]	6.3
SW	.1	2.4	1.1									[illegible]	5.7
WSW	.[illegible]	1.7	.3									[illegible]	[illegible]
W	.1	2.2	1.[illegible]									[illegible]	[illegible]
WNW	.3	2.[illegible]	.2	.1								[illegible]	[illegible]
NW	.2	1.5	1.5	.4								[illegible]	7.1
NNW	.1	1.1	1.9	.1								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	3.[illegible]	49.4	33.6	[illegible].1	.3							1[illegible].[illegible]	[illegible].4

TOTAL NUMBER OF OBSERVATIONS 72[illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...CLIMATOLOGY BRANCH
...TAC
...AT TH SE VICOM/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

...47 (STATION) KANSAS CITY INTL WO (STATION NAME) 72-82 (YEARS) ... (MONTH)

ALL WEATHER (CLASS) ...-... (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.2	1.6	1.4								...	7.7
NNE		2.4	2.1	1.0								...	7.0
NE	.3	1.2	1.7	.4								4.2	6.7
ENE		.7	1.4	.7								2.8	6.1
E	1.2	2.2	1.8	1.1								5.7	6.2
ESE	.2	2.2	2.4	.8								5.7	7.2
SE	.1	2.4	2.1	.4								...	7.1
SSE	.4	4.7	4.4	1.6								11.0	7.1
S	.7	7.4	7.5	3.3	.4							19.2	8.1
SSW	.5	4.2	1.9	1.0								7.5	6.7
SW	.1	2.1	.9									3.1	5.9
WSW	.1	1.3	.3									1.9	5.1
W	.1	1.4	.6									.1	5.4
WNW		2.5	1.4	.4								4.4	7.1
NW	.4	1.1	1.5	.8	.1							4.2	8.2
NNW		1.7	1.3	.6								4.3	7.4
VARBL													
CALM												7.1	
	4.3	41.7	33.5	12.9	.6							12.5	6.1

TOTAL NUMBER OF OBSERVATIONS ...72...

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] | [illegible] CITY INTL AP | [illegible] | [illegible]
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | [illegible]
CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.[illegible]	1.[illegible]	4.2	.1							[illegible].1	1[illegible].[illegible]
NNE	.1	.[illegible]	1.2	2.6	.1							[illegible].[illegible]	1[illegible].[illegible]
NE		1.1	1.2	.[illegible]	.1							[illegible].3	[illegible].3
ENE	.[illegible]	1.2	1.5	1.0								[illegible].[illegible]	7.[illegible]
E	.1	1.[illegible]	[illegible].6	1.1								[illegible].5	[illegible].1
ESE	.[illegible]	.[illegible]	2.9	1.8								[illegible].7	9.[illegible]
SE		1.4	[illegible].1	1.1	.1							[illegible].7	[illegible].[illegible]
SSE		1.2	[illegible].7	2.1								[illegible].1	[illegible].4
S	.1	[illegible].[illegible]	[illegible].5	7.4	.4							1 .7	9.[illegible]
SSW		2.[illegible]	[illegible].9	[illegible].1	.1	.1						[illegible].9	9.[illegible]
SW	.[illegible]	2.[illegible]	2.[illegible]	.6								[illegible].2	6.[illegible]
WSW	.[illegible]	1.[illegible]	1.[illegible]	.1								2.[illegible]	[illegible].[illegible]
W	.[illegible]	1.[illegible]	1.[illegible]	.[illegible]								2.[illegible]	6.[illegible]
WNW	.1	2.1	.[illegible]	.6								[illegible].[illegible]	7.[illegible]
NW		.4	2.1	1.[illegible]								[illegible].[illegible]	[illegible].4
NNW		.[illegible]	2.2	1.[illegible]	.1							4.7	1[illegible].[illegible]
VARBL													
CALM												[illegible].2	
	[illegible].1	22.[illegible]	41.[illegible]	23.4	1.[illegible]	.1						1[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]72

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L... AL CLIMATOLOGY ... ARCH
... STAC
... STATION ... SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

... 42 (STATION) ... KANSAS CITY INTL MO (STATION NAME) ... 72-8... (YEARS) ... (MONTH)

ALL WEATHER (CLASS)

...-... (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.[illegible]	1.9	4.2	.3							[illegible].[illegible]	1.[illegible]
NNE		.[illegible]	1.8	2.6	.1							[illegible].4	1.[illegible]
NE		.4	1.[illegible]	1.4								[illegible].6	[illegible].7
ENE		.7	.7	1.1								[illegible].[illegible]	[illegible].4
E	.6	1.[illegible]	2.4	1.[illegible]								[illegible].4	[illegible].[illegible]
ESE	.1	1.[illegible]	4.6	1.4								[illegible].1	[illegible].1
SE	.1	1.2	4.3	.8								[illegible].9	[illegible].[illegible]
SSE	.1	1.[illegible]	3.1	2.6	.1							[illegible].[illegible]	[illegible].[illegible]
S	.3	2.6	6.5	7.4	.9	.6						1[illegible].2	1.[illegible]
SSW	.4	2.1	2.8	1.5	.7							[illegible].[illegible]	[illegible].[illegible]
SW		2.4	3.2	.7	.3							[illegible].5	[illegible].[illegible]
WSW	.3	1.1	1.2	.3								[illegible].[illegible]	[illegible].[illegible]
W	.4	1.4	1.[illegible]	.1								[illegible].[illegible]	6.[illegible]
WNW	.2	.7	1.[illegible]	.6								[illegible].[illegible]	7.6
NW	.3	1.[illegible]	1.9	1.7								[illegible].9	[illegible].9
NNW		1.1	1.[illegible]	2.5								[illegible].4	1.[illegible]
VARBL													
CALM												[illegible].[illegible]	
	[illegible].1	21.[illegible]	40.7	29.9	2.4	.6						[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS ... 72[illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
...STATION SE-MAC/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	KANSAS CITY INTL MO	73-80	[illegible]
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

[illegible]-17[illegible]
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.[illegible]	[illegible].1	4.[illegible]	.6							[illegible].2	1[illegible]
NNE	.1	1.[illegible]	1.7	1.5								[illegible].[illegible]	[illegible]
NE	.[illegible]	1.1	1.7	1.0								[illegible].[illegible]	[illegible]
ENE		1.[illegible]	1.5	.6								3.1	[illegible]
E	.1	1.[illegible]	3.2	1.9								6.1	[illegible]
ESE	.1	1.[illegible]	4.4	.6								7.1	[illegible]
SE	.1	2.[illegible]	4.4	1.[illegible]								.1	[illegible]
SSE	.[illegible]	1.[illegible]	4.2	[illegible].4								[illegible]	[illegible]
S	.[illegible]	2.2	7.2	5.[illegible]	1.5	.4						17.[illegible]	1[illegible].7
SSW	.1	1.[illegible]	2.6	1.2	.[illegible]							[illegible].6	[illegible].7
SW	.1	1.[illegible]	1.[illegible]	.6								4.4	7.4
WSW	.1	1.1	1.1	.3								[illegible].[illegible]	7.[illegible]
W	.1	.4	.[illegible]	.6								1.[illegible]	7.[illegible]
WNW	.1	.[illegible]	1.1	.4								[illegible].[illegible]	[illegible].[illegible]
NW		.[illegible]	[illegible].1	1.5								4.4	[illegible].4
NNW	.[illegible]	1.7	1.9	[illegible].1	.1	.1						[illegible].[illegible]	[illegible].5
VARBL													
CALM												4.[illegible]	
	[illegible].2	22.1	42.[illegible]	25.[illegible]	2.5	.6						[illegible][illegible].[illegible]	[illegible].7

TOTAL NUMBER OF OBSERVATIONS [illegible]7[illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] AT [illegible] SF [illegible]/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 KANSAS CITY INTL MO 77-[illegible] [illegible]
STATION STATION NAME YEARS HOURS

ALL WEATHER [illegible]
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		3.2	4.2	2.5								9.9	[illegible]
NNE	.7	1.4	1.[illegible]	.3								3.[illegible]	7.[illegible]
NE	.1	2.[illegible]	2.1	.7								[illegible].4	7.1
ENE	.7	.5	1.2	.8								[illegible].7	[illegible]
E		3.9	3.7									7.6	[illegible].7
ESE	.4	5.6	4.6	.4								11.[illegible]	[illegible]
SE	.7	6.1	3.[illegible]	.8	.1							11.[illegible]	[illegible].7
SSE		4.9	4.2	.8								[illegible].2	7.1
S	.7	4.[illegible]	5.[illegible]	3.7	.5							13.[illegible]	6.[illegible]
SSW	.1	1.[illegible]	1.2	.1	.1							3.[illegible]	6.7
SW		1.4	.5									[illegible].3	[illegible].[illegible]
WSW		.4	.4	.1								1.[illegible]	[illegible].7
W	.1	.[illegible]	.4									[illegible].1	[illegible].[illegible]
WNW		.[illegible]	.[illegible]									[illegible].1	[illegible].[illegible]
NW	.3	.[illegible]	1.7	.3								[illegible].1	7.[illegible]
NNW	.1	3.1	1.1	.6	.1							[illegible].5	7.1
VARBL													
CALM												.7	
	.8	40.[illegible]	36.2	11.2	1.[illegible]							[illegible].[illegible]	6.7

TOTAL NUMBER OF OBSERVATIONS [illegible]72[illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION | KANSAS CITY INTL AP STATION NAME | 73-83 YEARS | SEP MONTH

ALL WEATHER CLASS | [illegible] HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.3	2.6	1.4								7.1	7.3
NNE		2.2	1.2	.4	.1							4.[illegible]	7.[illegible]
NE	.1	1.2	1.9	.1								3.3	7.1
ENE	.1	1.1	1.6	1.0								4.[illegible]	8.[illegible]
E	.3	3.5	3.0	.6								[illegible].[illegible]	6.[illegible]
ESE	.1	5.1	4.3	.7								10.[illegible]	[illegible].[illegible]
SE	.3	7.4	5.1	.4								13.2	5.5
SSE	.3	6.5	5.7	1.5								14.3	7.[illegible]
S	.1	5.1	5.7	3.5	.3							14.7	[illegible].[illegible]
SSW	.4	1.2	1.3	.3								[illegible].[illegible]	6.[illegible]
SW	.3	.7	.7									1.7	[illegible].[illegible]
WSW		.8		.1								1.[illegible]	5.7
W	.1	1.[illegible]	.1	.3								2.4	5.[illegible]
WNW		1.3	.4	.3								[illegible].[illegible]	[illegible].[illegible]
NW	.1	1.[illegible]	.7	.4								2.[illegible]	[illegible].7
NNW	.1	1.7	1.2	.6								3.[illegible]	7.7
VARBL													
CALM												4.3	
	2.8	44.9	36.1	11.5	.4							[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] DEPARTMENT OF [illegible]/AAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] 47 (STATION) KANSAS CITY INTL MO (STATION NAME) 73-80 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	2.2	2.5	.1							[illegible]	[illegible]
NNE	.1	1.9	1.5	1.1	.1							[illegible]	[illegible]
NE	.1	1.2	1.6	.7	.2							[illegible]	[illegible]
ENE	.1	.9	1.4	.9								[illegible]	[illegible]
E	.2	2.7	3.3	.8								[illegible]	[illegible]
ESE	.2	3.2	3.6	.7								[illegible]	[illegible]
SE	.3	4.2	3.4	.7	.2							[illegible]	[illegible]
SSE	.2	3.3	4.4	1.5	.2							[illegible]	[illegible]
S	.2	5.2	7.2	4.8	.6	.1						[illegible]	[illegible]
SSW	.3	2.6	2.2	1.0	.2	.2						[illegible]	[illegible]
SW	.1	1.3	1.5	.2	.2							[illegible]	[illegible]
WSW	.2	1.1	.7	.1								[illegible]	[illegible]
W	.2	1.4	.7	.2								[illegible]	[illegible]
WNW	.1	1.7	.7	.3								[illegible]	[illegible]
NW	.2	1.2	1.6	.8	.2							[illegible]	[illegible]
NNW	.1	1.2	1.6	1.1	.1	.2						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	35.2	37.6	17.4	1.1	.2						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]76

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...TAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

...4?	...ANSAS CITY INTL MO	73-8...	...CT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

...00-...00
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.3	1.6	2.7	.3							7.4	...?
NNE	.1	2.3	1.1	.9	.3							4.3	7.5
NE	.3	1.8	1.1	.5	.1							3.9	6.9
ENE		.3	1.7	.1								...?	5.1
E		1.1	1.7	.8								3.6	6.3
ESE		1.2	1.7	1.1								4.1	...?
SE		2.?	2.7	1.1	.1							...?	5.1
SSE	.3	2.4	4.4	.8		.3						...5	6.?
S	.3	5.1	10.1	7.5	.8	.7	.1					24.6	10.3
SSW	.5	3.1	3.4	2.6	.7							10.2	9.3
SW		1.7	1.2	.1								...1	6.7
WSW	.7	1.6	.5									...4	5.3
W		2.3	1.7			.1						4.2	7.1
WNW	.3	4.2	1.1	.3								...6	6.1
NW	.1	2.3	1.1	.1								3.6	6.1
NNW	.1	1.2	1.?			.1						3.4	7.?
VARBL													
CALM												3.?	
	3.1	34.?	37.1	18.3	2.3	1.2	.1					1...3	6.1

TOTAL NUMBER OF OBSERVATIONS 744

[illegible] CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION | KANSAS CITY INTL AP STATION NAME | 70-74 YEARS | [illegible] MONTH

ALL WEATHER CLASS | [illegible] HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.2	2.2	1.5								[illegible]	[illegible]
NNE		1.2	2.4	.5	.4							[illegible]	[illegible]
NE		1.1	1.2	.4								[illegible]	[illegible]
ENE	.3	.5	.3	.3								[illegible]	[illegible]
E		1.7	1.3	.9								[illegible]	[illegible]
ESE	.1	.7	1.9	.5	.1							[illegible]	[illegible]
SE	.3	1.6	3.1	1.1								[illegible]	[illegible]
SSE		2.6	3.9	1.5								[illegible]	[illegible]
S	.1	4.2	7.9	5.9	.3	.4						[illegible]	[illegible]
SSW	.1	2.7	3.8	2.3	.7							[illegible]	[illegible]
SW		1.3	1.1	.5								[illegible]	[illegible]
WSW		2.4	1.7	.1	.3							[illegible]	[illegible]
W	.4	4.3	2.4	.7								[illegible]	[illegible]
WNW	.1	2.[illegible]	1.6	.3	.1							[illegible]	[illegible]
NW	.1	2.3	1.9	.3	.1							[illegible]	[illegible]
NNW		.5	1.7	1.6								[illegible]	[illegible]
VARBL													
CALM												4.7	
	1.3	31.7	39.9	19.2	2.2	.4						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 744

L[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] | KANSAS CITY INTL AP | 73-81 | [illegible]
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | [illegible]
CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		[illegible]	1.5	1.6								[illegible]	[illegible]
NNE	.3	1.9	1.9	.8								[illegible]	[illegible]
NE		1.2	1.1	.4								[illegible]	[illegible]
ENE		.9	.7									[illegible]	[illegible]
E	.1	1.2	.8	.7								[illegible]	[illegible]
ESE	.3	1.2	[illegible]	.8	.1							[illegible]	[illegible]
SE	.1	[illegible]	[illegible]	.9	.3							[illegible]	[illegible]
SSE	.4	[illegible]	4.4	1.7								[illegible]	[illegible]
S	.1	4.3	[illegible]	8.2	1.7	.5						[illegible]	[illegible]
SSW	.5	1.9	3.9	.9	.1							[illegible]	[illegible]
SW	.1	[illegible]	1.1	.7								[illegible]	[illegible]
WSW	.4	2.3	.7	.1								[illegible]	[illegible]
W	[illegible]	4.4	1.9	.4	.1							[illegible]	[illegible]
WNW	.1	[illegible]	1.9	1.1	.1							[illegible]	[illegible]
NW	.1	[illegible]	[illegible]	1.2	.3							[illegible]	[illegible]
NNW	.3	1.1	[illegible]	1.5								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] WEATHER WING
[illegible]
[illegible] SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	KANSAS CITY INTL AP	73-80	CT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

[illegible]
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.9	2.4	3.4	.1							7.-	1.-.-
NNE	.7	.4	1.9	1.6								4.-	9.-
NE	.2	.7	.7	.7								-.-	.-
ENE	.1	.1	1.1		.1							1.5	.-
E	.1	1.2	1.2	.5								.1	7.7
ESE		1.3	2.3	1.5	.3							.2	.-
SE	.1	1.1	1.9	1.7								-.-	.-
SSE	.1	1.1	2.6	2.8	.1							7.7	1-.1
S	.1	1.3	7.1	10.1	1.3	1.7	.1					2.-	12.-
SSW	.4	1.1	2.2	4.3	.4	.1						-.-	1-.-
SW	.1	.7	2.5	1.7	.4							-.-	9.-
WSW	.7	1.3	1.6	.4								3.-	7.7
W	.7	2.6	2.3	1.1								7.2	7.-
WNW	.4	1.1	1.3	1.3	.7	.1						4.6	7.-
NW		.9	1.5	3.4	.4	.1						6.3	11.-
NNW	.1	.7	1.5	3.4	.1							7.-	11.2
VARBL													
CALM												.4	
	.-	16.7	34.7	37.9	3.3	1.6	.1					1-.-	1-.1

TOTAL NUMBER OF OBSERVATIONS 74-

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] 47	KANSAS CITY INTL MO	73-[illegible]	[illegible]
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

[illegible] -14
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		[illegible]	2.3	2.7	.1	.1						[illegible]	[illegible]
NNE	.1	[illegible]	1.6	1.[illegible]								[illegible]	[illegible]
NE		[illegible]	[illegible]	[illegible]	.3							[illegible]	[illegible]
ENE		[illegible]	.4	.[illegible]								[illegible]	[illegible]
E		[illegible]	1.3	.[illegible]								[illegible]	[illegible]
ESE		[illegible]	1.[illegible]	.3	.[illegible]	[illegible]						[illegible]	[illegible]
SE		[illegible]	2.2	1.7								[illegible]	[illegible]
SSE		1.[illegible]	3.1	2.2	[illegible]							[illegible]	[illegible]
S	.1	[illegible]	4.[illegible]	[illegible].8	1.5	1.1	.1					[illegible].7	[illegible]
SSW	.[illegible]	[illegible]	3.6	4.[illegible]	1.1	.4						[illegible]	[illegible]
SW	.1	1.[illegible]	[illegible]	2.7	.7	.1						[illegible]	[illegible]
WSW		1.[illegible]	1.1	.[illegible]		.[illegible]						[illegible].7	[illegible]
W		[illegible]	1.7	1.5	.1							[illegible].4	[illegible]
WNW		1.[illegible]	1.6	2.8	.3	.3	.1					[illegible]	[illegible]
NW		[illegible]	1.5	[illegible].2	.[illegible]	.1						[illegible]	[illegible]
NNW		[illegible]	3.[illegible]	3.9	.8							[illegible].5	[illegible]
VARBL													
CALM												[illegible].[illegible]	
	.[illegible]	15.[illegible]	33.1	3[illegible].7	6.5	2.6	.3					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS

CONDITION

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.7	3.6	2.9	.1								
NNE		1.	1.6	1.2	.1								
NE	.1	1.2	.5	1.1	.3								
ENE		.5	.9	.3								1.7	
E		1.2	1.7	.4									
ESE		1.	1.3	1.3	.1								
SE	.1	.7	2.7	1.7									
SSE		.9	2.3	2.6	.4	.2							
S		2.2	5.2	7.7	1.9	.5	.1						
SSW		1.1	2.2	2.6	1.1								
SW	.2	1.2	2.4	1.2	.5	.1							
WSW	.2	1.2	1.1	.8	.1								
W		.2	1.7	.8									
WNW	.1	.2	1.2	2.6	.4	.4							
NW		.7	3.2	4.3	.7								
NNW	.1	1.2	1.6	3.6	.2								
VARBL													
CALM													
	1.2	1.7	33.7	32.5	6.3	1.7	.1						

TOTAL NUMBER OF OBSERVATIONS 74

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]
TAC
[illegible] SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	[illegible] CITY INTL AP	73-80	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

[illegible] 0
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	3.2	4.2	1.2	.3	.1						.4	[illegible]
NNE		1.7	2.7	.5								4.[illegible]	7.[illegible]
NE		1.1	1.3	.5								[illegible]	7.7
ENE		1.7	1.[illegible]	.3								[illegible]	[illegible]
E	.1	3.[illegible]	3.2	.5								[illegible]	8.7
ESE	.3	3.1	2.4	.7	.1							[illegible]	7.[illegible]
SE	.4	3.[illegible]	2.4	.4								[illegible]	[illegible]
SSE	.[illegible]	4.[illegible]	5.1	2.0	.3	.1						11.[illegible]	[illegible]
S	.[illegible]	4.3	6.3	5.5	1.3	.3	.1					17.1	11.1
SSW	.1	1.9	1.5	.3	.1							3.9	7.3
SW	.3	2.[illegible]	.8	.3								[illegible]	[illegible]
WSW	.[illegible]	1.7	.3	.4								2.7	9.[illegible]
W	.[illegible]	1.5	.7									2.4	[illegible]
WNW	.4	2.2	1.1	.4	.3	.1						4.4	7.[illegible]
NW		1.7	2.7	.7								[illegible]	7.5
NNW	.1	2.6	2.7	1.2								[illegible]	7.7
VARBL													
CALM												3.4	
	3.0	37.9	37.4	15.2	2.4	.7	.1					17.[illegible]	7.7

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...STAF
...ATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	KANSAS CITY INTL MO	73-83	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

...1...2-23
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.6	2.8	1.6	.4							7.7	...2
NNE	.1	2.1	1.9	.4								...4	7.1
NE		1.1	1.3	.4								2.8	7.3
ENE		.3	1.2									1.5	7.2
E	.1	1.7	2.3	.9								5.1	7.7
ESE	.2	1.1	2.6	.8								4.7	7.3
SE		3.6	3.9	.5								8.1	7.1
SSE		3.4	5.1	1.3								...8	7.1
S	.1	4.5	12.2	7.8	1.2	.7	.1					34.7	10..
SSW		1.6	2.2	1.3	.3							5.4	...1
SW		.7	.9	.1		.1						1.9	6.1
WSW		1.6	.3	.4	.1							...4	7.7
W	.1	3.3	1.1	.1		.1						...5	6.7
WNW	.1	2.2	1.2	.5								4.6	7..
NW		2.5	1.7	.4								...4	5.3
NNW		2.3	1.1	.5								3.6	7.1
VARBL													
CALM												3.4	
	1.2	35.2	32.8	17.3	2.0	.9	.1					1...4	..1

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] AIR WEATHER SERVICE/MAC

USAFETAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible]	KANSAS CITY INTL AP	77-80	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

ALL — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.7	2.6	2.7	.2	.2						5.6	7.6
NNE	.1	1.6	1.8	.9	.1							4.[illegible]	5.[illegible]
NE	.1	1.1	1.3	.6	.1							.[illegible]	.[illegible]
ENE	.1	.7	1.3	.3	.1							1.[illegible]	7.7
E	.1	1.5	1.6	.7								3.[illegible]	7.5
ESE	.1	1.3	1.5	.9	.2	.2						4.5	8.7
SE	.1	1.3	2.6	1.2	.1							.[illegible]	[illegible]
SSE	.2	2.3	3.9	1.9	.1	.1						[illegible].3	9.5
S	.2	3.3	7.8	7.8	1.3	.7	.1					21.2	12.[illegible]
SSW	.2	1.7	2.9	2.3	.5	.1						7.8	9.7
SW	.1	1.5	1.7	1.0	.2	.1						4.6	8.7
WSW	.2	1.7	.9	.3	.1	.2						3.2	8.[illegible]
W	.2	2.6	1.7	.6	.2	.2						[illegible].1	7.1
WNW	.2	2.2	1.4	1.2	.2	.1	.2					[illegible].7	9.[illegible]
NW	.1	1.6	2.3	1.8	.3	.2						5.7	9.[illegible]
NNW	.1	1.3	1.9	2.0	.2	.2						[illegible].4	9.6
VARBL													
CALM												3.3	
	2.1	27.2	36.5	25.4	3.4	1.2	.1					1[illegible].[illegible]	[illegible].6

TOTAL NUMBER OF OBSERVATIONS [illegible]95[illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible]EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] 47 — STATION
KANSAS CITY INTL AP — STATION NAME
73-83 — YEARS
[illegible] — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS (L.S.T.)
[illegible] — CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		3.3	4.6	1.4		.1						[illegible]	[illegible]
NNE	.3	1.4	1.4	1.4								4.4	[illegible]
NE		.7	2.6	.7								4.0	[illegible]
ENE	.3	.3	.6	.1	.1							1.4	7.1
E		.6	1.9	.8	.1							3.7	[illegible]
ESE		2.4	.8		.1							3.3	6.7
SE		2.4	2.1	1.1	.1							5.7	7.[illegible]
SSE	.4	1.4	3.9	1.2	.1							7.1	[illegible]
S		2.8	5.4	6.5	1.5							16.2	10.[illegible]
SSW	.1	1.9	5.9	3.6	1.[illegible]	.7						14.[illegible]	10.5
SW	.1	1.[illegible]	1.9	.7	.1							4.[illegible]	7.[illegible]
WSW		2.2	.7	.3								3.2	6.[illegible]
W		1.7	2.6	1.[illegible]	.4							5.7	[illegible]
WNW	.3	1.[illegible]	3.6	1.8		.1						7.6	9.1
NW	.1	1.1	2.4	2.1	.6	.1						6.4	10.3
NNW	.1	1.[illegible]	2.2	1.2		.1						4.7	9.[illegible]
VARBL													
CALM												1.[illegible]	
	1.8	26.[illegible]	41.[illegible]	24.[illegible]	4.3	.8						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]72

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 [illegible] CITY INTL AP 73-80 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.5	3.0	1.5	.1							5.4	9.1
NNE		1.3	2.1	1.2								4.1	8.7
NE		.6	2.1	1.7								4.3	9.5
ENE		.9	1.1	.1								2.1	7.7
E	.1	1.7	.4	1.0	.2							3.5	8.1
ESE		1.7	1.4	.8								3.9	7.4
SE	.1	1.4	1.5	.7								3.7	7.5
SSE		1.2	4.4	1.7								7.1	9.0
S	.2	3.2	5.6	6.0	1.1							16.4	11.0
SSW	.1	2.4	3.2	3.2	1.2							9.9	10.4
SW		2.1	2.1	.8								5.0	8.0
WSW		1.1	1.2	.3								2.6	7.3
W	.2	3.5	2.6	1.5	.4							8.3	8.1
WNW	.1	2.5	2.4	2.5	.3							7.8	9.1
NW		1.5	2.1	1.8	.4							5.8	9.5
NNW		.7	.5	1.4	.6							3.2	11.0
VARBL													
CALM												1.9	
	1.1	23.5	36.7	26.5	4.2							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR [illegible] BRANCH
TAC
[illegible] SE VIC/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] | [illegible] | [illegible] | [illegible]
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

[illegible]
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.5	3.3	1.9								7.1	9.5
NNE		.7	2.4	1.2								4.3	7.4
NE		1.1	1.1	1.5								3.7	9.2
ENE		.5	1.1	.3								1.9	9.0
E		1.2	2.1	.6	.1							4.0	8.3
ESE	.1	.7	1.1	1.4								3.3	8.0
SE	.1	1.5	1.4	1.4								4.7	7.6
SSE		1.1	3.5	1.9	.1							6.5	9.2
S	.3	2.3	6.2	6.0	1.3							17.1	12.5
SSW	.1	1.5	5.3	2.9	.1	.1						12.1	9.3
SW		1.5	1.8	1.2	.6							5.1	9.1
WSW	.1	1.4	1.5	.7								3.2	7.5
W		2.5	3.2	1.2	.1							7.1	8.7
WNW	.3	2.1	2.6	1.7	.7	.3						7.6	9.5
NW		1.2	1.3	1.7	.6							5.4	10.3
NNW	.2	1.3	1.2	1.0	.7							4.2	10.1
VARBL													
CALM												3.8	
	1.4	23.2	39.3	27.2	4.9	.4						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 72[illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4[illegible]	KANSAS CITY INTL AP	73-82	[illegible]CH
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

[illegible]
CONDITION

[illegible]
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.[illegible]	2.5	2.6	.1							[illegible].1	1[illegible].[illegible]
NNE		.4	1.8	1.7	.1							4.[illegible]	1[illegible].[illegible]
NE		1.[illegible]	1.7	1.1	.1							[illegible].9	[illegible].[illegible]
ENE		.4	1.9	.7								[illegible].1	[illegible].9
E		.7	2.2	2.2								[illegible].1	[illegible].[illegible]
ESE		.7	1.7	1.5								[illegible].[illegible]	[illegible].[illegible]
SE		1.[illegible]	1.5	2.1								4.6	.7
SSE	.1	.[illegible]	1.[illegible]	1.7								4.[illegible]	[illegible].7
S		1.[illegible]	3.1	6.7	2.9							1[illegible].2	1[illegible].[illegible]
SSW	.1	1.1	2.5	6.[illegible]	1.1	.1						11.[illegible]	1[illegible].
SW		.[illegible]	2.4	3.3	.1							[illegible].4	1[illegible].[illegible]
WSW	.1	1.[illegible]	2.4	.8	.1							[illegible].5	[illegible].[illegible]
W	.[illegible]	1.3	2.8	2.5	.6	.3						7.6	1[illegible].[illegible]
WNW		.[illegible]	[illegible].3	2.2	1.[illegible]	.7						7.[illegible]	1[illegible].[illegible]
NW	.1	.7	2.5	2.5	.[illegible]							[illegible].7	11.[illegible]
NNW	.[illegible]	.4	1.3	2.6	.3							4.[illegible]	11.1
VARBL													
CALM												1.7	
	1.1	12.[illegible]	35.5	40.3	7.4	1.1						[illegible].[illegible]	[illegible].7

TOTAL NUMBER OF OBSERVATIONS 71[illegible]

AL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
[illegible]	KANSAS CITY INTL MO	73-[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]-14

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.[illegible]	2.6	3.7	.4							7.8	1.[illegible]
NNE		.[illegible]	1.1	1.2	.3							3.[illegible]	9.[illegible]
NE		.4	1.7	1.1	.1							3.3	9.[illegible]
ENE	.1	.4	1.[illegible]	.6								2.1	[illegible].[illegible]
E		.3	2.5	.8								3.6	9.[illegible]
ESE		.7	1.2	1.4								[illegible].3	[illegible].7
SE		.[illegible]	1.[illegible]	1.4								[illegible].[illegible]	[illegible].[illegible]
SSE		.[illegible]	1.[illegible]	1.9	.1							[illegible].9	11.[illegible]
S	.1	1.1	3.3	7.1	1.9	.[illegible]						14.4	12.[illegible]
SSW		.7	1.2	5.6	1.7	.4						[illegible].[illegible]	13.4
SW		.7	2.[illegible]	4.6	.6	.1						[illegible].[illegible]	11.[illegible]
WSW		.7	1.1	1.2	.1							3.[illegible]	9.[illegible]
W		.[illegible]	2.6	[illegible].3	.4	.1						[illegible].[illegible]	11.[illegible]
WNW	.1	.6	2.4	5.[illegible]	1.[illegible]	.6						[illegible].1	13.[illegible]
NW		.[illegible]	1.4	[illegible].6	1.[illegible]							7.4	12.[illegible]
NNW	.1	.4	1.8	2.2	.3							[illegible].6	11.[illegible]
VARBL													
CALM												1.[illegible]	
	.6	10.1	31.5	44.[illegible]	9.[illegible]	2.1						[illegible].[illegible]	11.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] | KANSAS CITY INTL AP | 73-82 | [illegible]
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

[illegible]
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.[illegible]	[illegible].3	[illegible].5	.1							[illegible].[illegible]	[illegible]
NNE		.7	1.1	1.9	.[illegible]							[illegible].[illegible]	11.[illegible]
NE	.1	.7	2.4	1.4								[illegible].[illegible]	[illegible].[illegible]
ENE		.4	.9	1.0								[illegible].[illegible]	1.[illegible]
E	.1	.4	1.[illegible]	1.8								[illegible].[illegible]	[illegible].[illegible]
ESE		.[illegible]	1.7	1.5								[illegible].[illegible]	[illegible].[illegible]
SE	.3		1.4	1.1	.3							[illegible].1	1[illegible].[illegible]
SSE	.1	.6	1.[illegible]	2.1								[illegible].[illegible]	1[illegible].[illegible]
S		1.[illegible]	4.3	[illegible].4	1.5							[illegible].[illegible]	11.[illegible]
SSW	.3	1.7	3.3	4.[illegible]	.6							[illegible].9	1[illegible].[illegible]
SW	.[illegible]	1.4	2.1	2.1	.3							[illegible].1	[illegible].[illegible]
WSW	.1	1.[illegible]	1.[illegible]	.[illegible]	.1							[illegible].[illegible]	[illegible].[illegible]
W		1.4	2.2	3.1	1.[illegible]	.1						[illegible].[illegible]	11.[illegible]
WNW		.7	1.8	3.[illegible]	.4	.4						[illegible].[illegible]	12.3
NW	.1	.4	2.2	[illegible].[illegible]	1.[illegible]	.1						[illegible].[illegible]	12.2
NNW	.1	.[illegible]	[illegible].6	3.5	.4							[illegible].[illegible]	1[illegible].[illegible]
VARBL													
CALM												[illegible].[illegible]	
	1.7	13.[illegible]	33.[illegible]	41.3	6.0	.7						[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]7[illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

147	KANSAS CITY INTL AP	73-80	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

1300-1500 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.5	2.6	2.2	.4							6.7	10.1
NNE	.1	.2	1.0	1.2	.1							2.6	9.6
NE	.1	1.4	2.8	1.0								5.3	8.6
ENE	.1	.3	1.8	1.1								3.3	9.7
E	.1	1.3	1.9	1.1								4.7	8.6
ESE		1.7	1.7	1.5								4.9	9.7
SE		1.8	3.2	.4	.1							4.7	8.2
SSE		1.9	3.7	1.1	.4							7.2	8.9
S		1.9	9.2	5.7	.6							17.4	9.9
SSW	.4	1.8	2.5	1.5								6.4	9.1
SW	.2	1.3	1.8	1.5	.1							5.9	9.1
WSW	.1	1.1	.8	.6								2.6	7.3
W		2.1	2.2	1.1	.3	.1						5.8	8.6
WNW	.1	2.1	2.4	1.2	.8	.3						6.9	10.3
NW		2.2	3.6	1.2	.4							7.5	9.1
NNW		1.8	2.1	2.8	.1							6.8	10.2
VARBL													
CALM												3.1	
	1.2	23.8	42.5	25.4	3.5	.4						96.8	9.2

TOTAL NUMBER OF OBSERVATIONS 72...

USAFETAC FORM JUL 66 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] METEOROLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] 47 — STATION
KANSAS CITY INTL AP — STATION NAME
[illegible] — YEARS
[illegible] — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.7	2.5	2.0	.7							7.[illegible]	[illegible]
NNE	.1	1.9	1.8	1.3								.7	7.[illegible]
NE	.[illegible]	.7	2.4	1.[illegible]								.[illegible]	[illegible]
ENE	.1	.[illegible]	1.	.7								.[illegible]	[illegible]
E		1.4	1.7	.7								.[illegible]	[illegible]
ESE		1.[illegible]	2.5	1.[illegible]								.[illegible]	[illegible]
SE		1.7	1.7	.7								.[illegible]	[illegible]
SSE	.1	2.1	3.7	1.1	.6	.1						[illegible]	[illegible]
S	.2	2.2	[illegible].4	[illegible].7	.6	.1						1[illegible]	1.[illegible]
SSW		[illegible].1	2.6	2.6	.4							.[illegible]	[illegible]
SW		[illegible].1	1.5	.4								.[illegible]	[illegible]
WSW	.1	.7	1.2	.3								.[illegible]	[illegible]
W	.3	[illegible].3	2.2	1.1		.1						[illegible]	[illegible]
WNW	.3	2.2	2.2	2.1	.3	.[illegible]						[illegible]	[illegible]
NW		1.[illegible]	2.3	2.4	1.[illegible]	.1						[illegible]	11.[illegible]
NNW	.[illegible]	.6	1.7	1.[illegible]	.1							[illegible]	[illegible]
VARBL													
CALM												.4	
	1.[illegible]	26.7	[illegible]9.2	2[illegible].4	3.6	.[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]2

USAFETAC FORM JUL 64 0-8-5 OL-A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 | [illegible] | [illegible] | [illegible]
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | ALL
CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.[illegible]	3.2	2.4	.[illegible]	.[illegible]						[illegible]	[illegible]
NNE	.1	1.1	1.6	1.4	.1							[illegible]	[illegible]
NE	.1	.[illegible]	2.1	1.2	.[illegible]							[illegible]	[illegible]
ENE	.1	.[illegible]	1.3	.6	.[illegible]							[illegible]	[illegible]
E	.1	1.[illegible]	1.[illegible]	1.1	.1							[illegible]	[illegible]
ESE	.[illegible]	1.2	1.5	1.1	.[illegible]							[illegible]	[illegible]
SE	.1	1.3	1.[illegible]	1.1	.1							[illegible]	[illegible]
SSE	.1	1.2	2.[illegible]	1.6	.[illegible]	.[illegible]						[illegible]	[illegible]
S	.1	2.2	5.4	[illegible].4	1.5	.1						[illegible].7	11.[illegible]
SSW	.[illegible]	1.[illegible]	3.4	3.7	.7	.1						[illegible].7	1[illegible].[illegible]
SW	.1	1.4	1.9	1.8	.2	.[illegible]						.[illegible]	[illegible].[illegible]
WSW	.1	1.1	1.3	.6	.1							[illegible].[illegible]	[illegible].[illegible]
W	.1	2.1	2.6	1.9	.4	.1						[illegible].[illegible]	[illegible].[illegible]
WNW	.[illegible]	1.[illegible]	2.6	2.5	.6	.[illegible]						[illegible].[illegible]	1[illegible].[illegible]
NW	.1	1.[illegible]	2.4	2.[illegible]	.[illegible]	.1						[illegible].[illegible]	[illegible].[illegible]
NNW	.[illegible]	.[illegible]	1.7	2.[illegible]	.3	.[illegible]						[illegible].[illegible]	1[illegible].3
VARBL													
CALM												.4	
	1.[illegible]	20.[illegible]	37.4	31.9	5.3	.[illegible]						1[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	KANSAS CITY INTL MO	73-81	[illegible]
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

[illegible]
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.2	3.4	5.2	.7							[illegible].1	12.4
NNE	.1	.3	.9	.7	.7							[illegible].1	1[illegible]
NE		.7	.9	.3								[illegible].[illegible]	7.[illegible]
ENE	.1	.3	1.1	.3	.1							[illegible].[illegible]	7.[illegible]
E	.1	2.4	2.3	.3								[illegible].1	[illegible].[illegible]
ESE	.3	2.3	1.5	.1								[illegible].4	[illegible].[illegible]
SE		.3	1.3	.1								[illegible].3	7.4
SSE		.3	2.4	.8								[illegible].[illegible]	[illegible].[illegible]
S		3.3	7.[illegible]	4.8	1.1	.1						[illegible].[illegible]	1[illegible].[illegible]
SSW		1.1	4.4	4.6	.5	.3						[illegible].5	11.[illegible]
SW	.3	2.6	2.4	1.5		.1						[illegible].9	[illegible].[illegible]
WSW	.1	1.3	.8	.5								[illegible].[illegible]	[illegible].[illegible]
W	.1	2.[illegible]	1.3				.1					[illegible].3	7.[illegible]
WNW	.1	2.2	2.[illegible]	[illegible].4	.1							[illegible].[illegible]	[illegible].[illegible]
NW		1.[illegible]	[illegible].4	[illegible].0	.4							[illegible].1	1[illegible].[illegible]
NNW	.1	.3	[illegible].1	4.0	.7							.5	11.1
VARBL													
CALM												[illegible].[illegible]	
	1.[illegible]	25.5	37.9	26.2	4.3	.[illegible]	.1					1[illegible].[illegible]	[illegible].0

TOTAL NUMBER OF OBSERVATIONS [illegible]74[illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS

CONDITION

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3	1.6	2.3	1.5	.1						.1	12.7
NNE		.7	1.1	.9	.5							.2	11.
NE		.	1.2	.5								.	.
ENE		.	1.3	.1	.1							.	.
E		1.5	1.6	.4								.	7.
ESE		1.7	2.2	.7								.	7.
SE	.4	1.5	.8	.4								1.1	6.
SSE		1.	3.	.9								.	.
S	.1	2.3	6.6	3.1	1.3	.1						1.5	1.
SSW	.1	2.	5.1	3.4	.7							11.4	.
SW		1.7	2.3	.5	.4	.1						.4	.
WSW		1.3	.8	.3	.3							.	.
W		2.7	1.6	.5								.	.
WNW		2.3	2.6	1.7	.3							.	.
NW	.1	1.4	3.2	3.4	.3							.8	9.
NNW		1.	2.3	.3	.5	.1						.7	11.1
VARBL													
CALM												.	
	.8	21.4	35.4	26.3	5.5	.5							.

TOTAL NUMBER OF OBSERVATIONS 72

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
47	KANSAS CITY INTL AP	77-80	JUL

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.):

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	2.3	3.1	1.5	.1						7.7	12.7
NNE	.1	.8	.4	.4	.5							2.4	10.1
NE		1.3	1.5	.8								3.6	8.7
ENE	.2	.1	.7	.4								1.5	7.9
E		1.1	1.9	.8								3.8	6.9
ESE		1.3	2.8	.9								5.0	8.6
SE	.3	.7	2.9	.5								4.3	8.1
SSE	.1	2.3	2.5	1.2	.3							6.6	10.1
S		2.7	5.4	6.2	.9							15.7	10.8
SSW		1.2	3.7	4.6	.7							10.2	11.1
SW		1.5	3.1	.8								5.4	9.1
WSW	.1	2.2	1.7	.4								4.4	7.8
W	.1	2.4	2.3	.9								5.7	7.9
WNW		1.7	2.0	2.2								5.9	9.1
NW		2.3	2.3	3.5	.4	.1						8.6	10.7
NNW	.1	1.7	1.6	2.8	.3							6.5	10.7
VARBL													
CALM												2.4	
	1.2	24.7	36.3	29.8	4.4	.3						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 7464

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 | KANSAS CITY INTL WS | 73-82 | JAN

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | 0700-1900

CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.2	1.5	3.4	1.1	.4	.2					7.9	15.2
NNE	.1	.7	.4	.9	.1	.1						2.4	10.4
NE		1.2	2.2	.8								4.3	8.1
ENE		.1	.5	.2								.8	6.1
E		.1	1.6	.9								2.7	9.0
ESE		.4	1.7	2.0								4.2	12.2
SE		.4	2.3	.5	.1							3.4	9.8
SSE		.3	2.2	2.4	.3							5.6	12.6
S		2.2	4.5	4.2	2.2	.2	.1					13.4	12.1
SSW	.1	1.2	3.2	4.3	1.2	.3						10.1	11.1
SW	.1	1.2	3.5	2.3	.2							7.1	9.6
WSW		1.2	1.7	1.2								4.2	8.8
W		.2	2.2	1.1	.1							3.6	10.1
WNW	.1	2.3	3.6	1.9	.7	.2						8.8	9.7
NW	.1	.4	1.7	4.3	1.3							7.9	12.1
NNW		.7	3.1	3.1	1.2	.1						8.2	11.2
VARBL													
CALM												1.9	
	.2	17.1	35.0	37.7	8.6	1.5	.4					100.3	12.1

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	KANSAS CITY INTL MO	73-[illegible]	[illegible]
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

[illegible]
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNE			[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NE	.1	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE		.1	[illegible]	.9	.1							[illegible]	[illegible]
SSE		[illegible]	[illegible]	[illegible]	.1							[illegible]	[illegible]
S	.2	.4	3.2	6.1	1.7	[illegible]						11.8	12.7
SSW		1.1	2.6	3.8	3.4	[illegible]						11.8	14.1
SW		[illegible]	3.6	2.6	[illegible]	.1						[illegible]	[illegible]
WSW	.1	1.6	1.7	1.1								4.4	[illegible]
W	.1	2.3	2.4	1.2	.3							6.1	[illegible]
WNW	.1	1.2	3.9	4.4	.7	[illegible]						12.8	11.7
NW	.1	.4	3.2	3.9	1.2	.1						[illegible]	12.7
NNW		1.1	2.7	4.2	.3							8.2	11.9
VARBL													
CALM												1.3	
	[illegible]	11.3	33.1	36.8	11.0	2.6						100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 743

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] 47 — STATION
KANSAS CITY INTL MO — STATION NAME
77-80 — YEARS
[illegible] — MONTH
ALL WEATHER — CLASS
[illegible]-17[illegible] — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.6	2.7	3.6	.3	.1						7.5	11.[illegible]
NNE		.4	.5	1.2	.5							.7	12.[illegible]
NE		.3	.9	1.1								[illegible]	1[illegible].1
ENE		.3	.9	.9		.1						[illegible].6	11.[illegible]
E		.4	1.5	.8								[illegible].7	9.[illegible]
ESE		.5	1.1	.4								2.[illegible]	[illegible].[illegible]
SE		.3	1.5	.7								[illegible].7	[illegible].7
SSE		.7	2.6	1.1								4.[illegible]	[illegible].[illegible]
S	.3	1.7	5.8	5.2	2.3	.1						15.[illegible]	11.[illegible]
SSW	.1	.9	3.1	3.1	1.7	.1						[illegible].1	11.[illegible]
SW		1.6	2.3	1.7								.6	[illegible].[illegible]
WSW	.1	1.3	1.9	1.3								[illegible].7	[illegible].[illegible]
W		1.[illegible]	2.8	1.7								[illegible].[illegible]	[illegible].[illegible]
WNW	.3	.4	1.9	3.1	.5	.1						[illegible].[illegible]	11.[illegible]
NW		1.[illegible]	2.3	4.7	1.3	.1						[illegible].9	12.[illegible]
NNW	.1	2.2	2.8	3.9	1.2	.1						10.[illegible]	11.1
VARBL													
CALM												4.[illegible]	
	1.1	14.3	34.5	34.7	8.5	.9						[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS 74[illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	KANSAS CITY INTL AP	73-82	[illegible]
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

[illegible]
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		[illegible]	[illegible]	[illegible]	.7	.1						.[illegible]	[illegible]
NNE		.[illegible]	1.5	1.2	.4							.[illegible]	[illegible]
NE		.[illegible]	1.3	.5	.4							.[illegible]	[illegible]
ENE		.[illegible]	1.1	.3	.1							.[illegible]	[illegible]
E		1.[illegible]	1.5	.8								.[illegible]	[illegible]
ESE		1.7	1.7	.[illegible]								[illegible]	[illegible]
SE	.1	2.[illegible]	1.[illegible]	.5								4.[illegible]	[illegible]
SSE		1.[illegible]	2.7	2.[illegible]								.[illegible]	[illegible]
S	.1	[illegible]	[illegible]	[illegible]	1.[illegible]							[illegible]	[illegible]
SSW	.1	1.[illegible]	2.4	1.6	.4	.[illegible]						.[illegible]	[illegible]
SW		1.[illegible]	.[illegible]	.7								[illegible]	[illegible]
WSW	.1	2.[illegible]	.5	.3	.3							[illegible]	[illegible]
W	.1	[illegible]	1.7	.8								[illegible]	[illegible]
WNW		[illegible]	[illegible]	1.2	.4							[illegible]	.[illegible]
NW	.4	2.2	[illegible]	[illegible]	.9							[illegible]	[illegible]
NNW	.[illegible]	2.3	2.6	[illegible]	.[illegible]	.1						[illegible]	[illegible]
VARBL													
CALM												4.[illegible]	
	1.3	27.7	33.7	26.1	5.[illegible]	.[illegible]						[illegible]	.[illegible]

TOTAL NUMBER OF OBSERVATIONS 744

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION | KANSAS CITY INTL AP STATION NAME | 77-80 YEARS | [illegible] MONTH

ALL WEATHER CLASS | [illegible] HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.7	2.2	4.2	.8							[illegible]	11.[illegible]
NNE		.9	1.1	1.2		.1						[illegible]	1[illegible].7
NE		.4	1.2	.[illegible]	.[illegible]							[illegible].7	10.[illegible]
ENE		.[illegible]	.3	.3								1.[illegible]	7.[illegible]
E		1.[illegible]	[illegible].7	.5	.1							4.[illegible]	[illegible].[illegible]
ESE	.[illegible]	1.1	2.3	.4								4.[illegible]	7.7
SE		1.[illegible]	1.[illegible]	.1								[illegible].[illegible]	6.[illegible]
SSE		.9	4.2	1.3	.3							[illegible].7	[illegible].3
S	.3	1.6	6.3	5.6	1.2	.1						1[illegible].2	10.7
SSW		.7	[illegible].1	[illegible].1	.7	.3						[illegible].8	11.[illegible]
SW		2.4	1.3	1.6	.3							[illegible].6	[illegible].1
WSW	.1	2.2	.5	.3								[illegible].1	[illegible].[illegible]
W	.1	1.[illegible]	2.[illegible]	.4								4.4	7.[illegible]
WNW	.4	1.2	2.[illegible]	1.5	.3							[illegible].4	[illegible].[illegible]
NW	.7	2.[illegible]	3.4	[illegible].5	.[illegible]							1[illegible].6	[illegible].9
NNW	.1	1.3	2.2	[illegible].5	1.3							[illegible].5	11.[illegible]
VARBL													
CALM												4.[illegible]	
	[illegible].2	22.2	[illegible]6.[illegible]	2[illegible].4	[illegible].2	.5						1[illegible].0	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	KANSAS CITY INTL MO	73-83	ANN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

ALL — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.4	2.2	3.5	1.2	.2	.0					8.3	11.7
NNE	.1	.6	.9	1.2	.4	.1						2.7	11.1
NE	.2	.7	1.3	.7	.1							2.9	9.2
ENE	.2	.4	.8	.4	.1	.0						1.9	8.3
E	.0	1.1	1.7	.7	.2							3.8	8.2
ESE	.1	1.3	1.9	.8								4.1	8.1
SE	.1	1.2	1.7	.5	.0							3.3	7.6
SSE	.0	1.1	2.6	1.4	.1							5.2	9.7
S	.1	2.2	5.6	5.4	1.6	.1	.0					14.8	11.5
SSW	.1	1.3	3.4	3.5	1.1	.3						9.7	11.2
SW	.1	1.2	2.4	1.5	.2	.1						5.1	9.1
WSW	.1	1.2	1.2	.7	.1							3.4	7.8
W	.1	2.2	2.2	.8	.1		.0					5.4	7.7
WNW	.1	1.6	2.5	2.3	.4	.1						7.2	9.2
NW	.2	1.9	2.8	3.6	.9	.1						9.3	10.5
NNW	.1	1.4	2.5	3.7	.9	.1						8.6	11.1
VARBL													
CALM												3.2	
	1.2	21.4	35.2	30.5	6.9	.9	.1					100.2	9.2

TOTAL NUMBER OF OBSERVATIONS 4951

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 — STATION
KANSAS CITY INTL AP — STATION NAME
[illegible]-81 — YEARS
ALL — MONTH

ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.[illegible]	2.5	2.3	.4	.1	.0					[illegible]	1[illegible]
NNE	.1	1.1	1.4	1.0	.2	.0						[illegible]	[illegible]
NE	.1	1.1	1.6	.9	.1	.0						[illegible]	[illegible]
ENE	.1	.[illegible]	1.2	.7	.1	.[illegible]						[illegible]	[illegible]
E	.1	1.7	2.4	1.9	.1	.[illegible]						[illegible]	[illegible]
ESE	.1	1.[illegible]	2.4	1.3	.1	.[illegible]						[illegible]	[illegible]
SE	.1	2.[illegible]	2.4	1.2	.1	.[illegible]						[illegible]	[illegible]
SSE	.1	2.[illegible]	3.1	1.7	.2	.[illegible]						[illegible]	[illegible]
S	.4	3.1	6.3	4.2	1.3	.[illegible]	.[illegible]					17.4	10.[illegible]
SSW	.1	1.7	2.9	2.9	.7	.2	.[illegible]					[illegible]	11.[illegible]
SW	.1	1.4	1.[illegible]	1.2	.2	.[illegible]						[illegible]	[illegible]
WSW	.1	1.4	1.2	.5	.1	.[illegible]						[illegible]	[illegible]
W	.2	1.[illegible]	1.6	.8	.1	.1	.[illegible]	.[illegible]				[illegible]	[illegible]
WNW	.1	1.[illegible]	1.6	1.4	.3	.1	.[illegible]	.[illegible]				[illegible]	[illegible]
NW	.1	1.2	1.[illegible]	2.1	.5	.1	.[illegible]					[illegible]	10.4
NNW	.1	1.1	1.7	1.7	.4	.1	.[illegible]					[illegible]	10.[illegible]
VARBL													
CALM												[illegible]	
	[illegible].0	25.3	[illegible].0	27.4	4.9	.9	.1	.0				[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]11[illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...TAC
...AT ... OD VICL/MAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	KANSAS CITY INTL MO	73-81	ALL
STATION	STATION NAME	YEARS	MONTH

INSTRUMENT
CLASS

ALL
HOURS (L.S.T.)

CIG 200 FT 1400 FT W/ VSBY 1/2 MI OR MORE,
CONDITION
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.5	4.2	5.5	1.1	.1	.1					12.5	11.4
NNE	.3	.7	2.1	2.7	.8	.1						6.4	11.3
NE	.2	1.4	2.6	2.2	.4							6.8	10.0
ENE	.1	.9	2.1	1.8	.2							5.2	10.1
E	.2	1.4	3.4	4.0	.5	.1						9.5	10.0
ESE	.1	1.4	3.2	1.9	.2	.0						6.7	9.4
SE	.1	1.2	2.1	1.3	.2	.0						4.9	9.4
SSE	.2	.9	2.2	1.2	.2							4.6	9.4
S	.1	1.2	2.7	2.5	.5	.1	.0					7.5	10.4
SSW	.1	.7	1.2	1.0	.2	.1						3.2	9.9
SW	.1	.3	.9	.7	.1							2.0	9.0
WSW	.1	.3	.7	.5	.2							2.0	8.7
W	.1	1.0	1.1	.9	.3	.1	.0					3.5	9.7
WNW	.1	1.0	2.0	1.6	.4	.1	.0					5.1	10.3
NW	.1	.9	2.6	3.4	1.2	.1						8.2	11.7
NNW	.1	.9	2.9	4.0	1.3	.2	.0					9.4	11.5
VARBL													
CALM												2.0	
	1.3	16.6	36.0	35.1	7.4	1.0	.1					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 7497

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

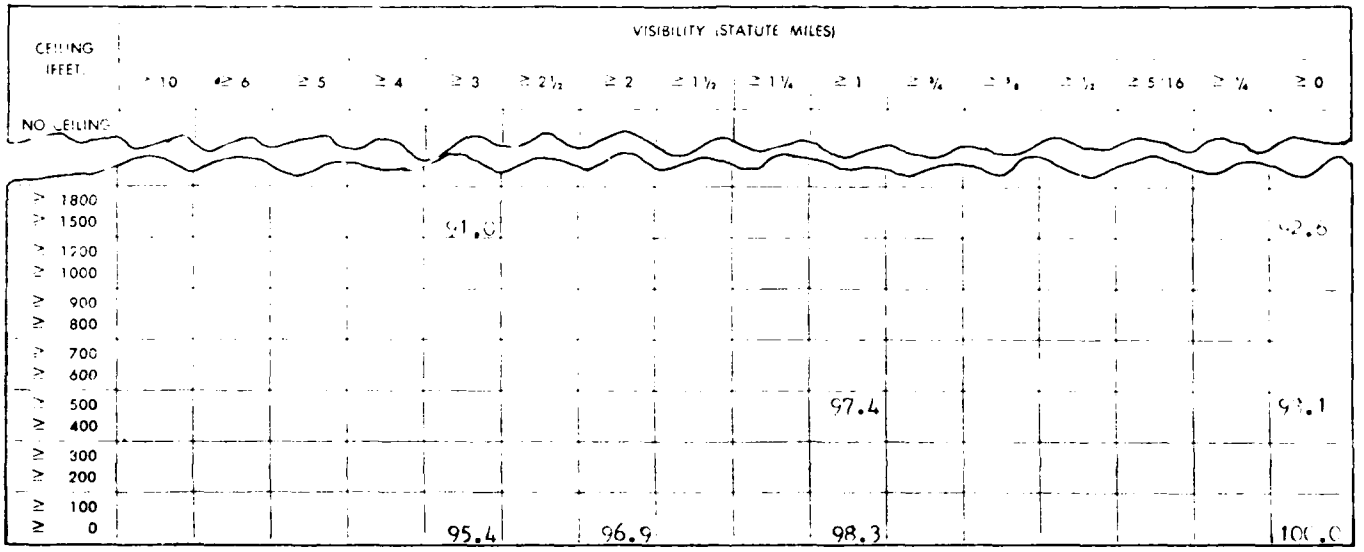
D

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION



EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0.
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of $\geq$ 1500 feet with $\geq$ 3 miles, subtracted from 97.4 read from the table at the intersection of $\geq$ 500 feet with $\geq$ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling $\geq$ 500 feet with visibility $\geq$ 1 mile, but < 3 miles; or ceiling $\geq$ 500 feet, but < 1500 feet with visibility $\geq$ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	74-81	JA
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300
HOURS (L.S.T.)

CEILING (FEET)	VISBLTY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	54.7	55.5	56.5	57.5	57.5	57.5	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 20000	57.1	57.9	59.0	60.1	60.1	60.1	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 18000	57.1	57.9	59.0	60.1	60.1	60.1	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 16000	57.1	57.9	59.0	60.1	60.1	60.1	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 14000	57.3	58.1	59.1	60.2	60.2	60.2	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 12000	58.9	59.8	60.9	62.0	62.0	62.0	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 10000	60.6	61.7	62.8	63.8	63.8	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	61.7	62.9	64.0	65.2	65.2	65.2	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 8000	62.2	63.4	64.5	65.7	65.7	65.7	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 7000	63.8	65.3	66.4	67.6	67.6	67.6	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 6000	65.3	66.8	67.9	69.1	69.1	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 5000	66.4	68.0	69.1	70.3	70.3	70.3	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 4500	67.6	69.5	70.6	72.0	72.0	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4000	68.8	70.7	71.8	73.4	73.4	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3500	69.1	71.2	72.3	73.9	73.9	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 3000	69.3	72.4	73.7	75.3	75.3	75.3	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2500	70.7	73.8	75.1	76.6	76.6	76.6	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.7
≥ 2000	71.6	75.3	76.5	78.1	78.1	78.1	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.2
≥ 1800	72.6	76.2	77.4	79.2	79.2	79.2	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.2
≥ 1500	73.9	78.1	79.3	81.0	81.0	81.0	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.3
≥ 1200	74.6	79.8	81.1	82.8	82.9	82.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.4
≥ 1000	75.7	81.6	82.8	84.7	84.9	84.9	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.7
≥ 900	75.8	81.9	83.7	85.6	85.9	85.9	87.1	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.8
≥ 800	75.8	82.0	83.9	85.8	86.0	86.0	87.8	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.6
≥ 700	75.9	82.5	84.7	86.7	87.1	87.2	89.2	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	90.1
≥ 600	76.1	82.7	84.8	87.1	87.6	88.0	90.2	90.5	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.3
≥ 500	76.1	82.7	84.9	87.4	88.2	88.6	91.0	91.3	91.3	92.2	92.3	92.3	92.6	92.6	92.6	92.9
≥ 400	76.2	82.8	85.5	88.0	89.0	89.7	92.2	92.6	92.6	93.5	93.7	93.7	94.0	94.0	94.0	94.2
≥ 300	76.2	82.8	85.6	88.2	89.4	90.2	92.7	93.4	93.4	94.5	94.8	94.8	95.6	95.6	95.6	95.8
≥ 200	76.2	82.8	85.8	88.3	89.5	90.3	93.0	93.7	93.7	95.4	95.7	95.7	97.2	97.2	97.2	97.7
≥ 100	76.2	82.8	85.8	88.3	89.5	90.3	93.0	93.7	93.7	95.8	96.1	96.1	97.8	97.8	98.1	98.9
≥ 0	76.2	82.8	85.8	88.3	89.5	90.3	93.0	93.7	93.7	95.8	96.1	96.1	97.8	97.8	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13747	KANSAS CITY INTL MO	74-81	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0600
HOURS (L.S.T.)

CEILING (FEET)	VISBLTY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	52.8	54.4	54.8	55.5	56.0	56.2	56.3	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.7	56.7
≥ 20000	54.2	56.0	56.5	57.1	57.7	57.8	57.9	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3
≥ 18000	54.3	56.2	56.6	57.3	57.8	57.9	58.1	58.2	58.2	58.3	58.3	58.3	58.5	58.5	58.5	58.5
≥ 17000	54.3	56.2	56.6	57.3	57.8	57.9	58.1	58.2	58.2	58.3	58.3	58.3	58.5	58.5	58.5	58.5
≥ 14000	55.5	57.4	57.8	58.5	59.0	59.1	59.3	59.4	59.4	59.5	59.5	59.5	59.7	59.7	59.7	59.7
≥ 12000	55.7	58.1	58.5	59.1	59.7	59.8	59.9	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3
≥ 10000	59.1	61.6	62.0	62.6	63.2	63.3	63.4	63.6	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8
≥ 9000	60.8	63.2	63.6	64.2	64.8	64.9	65.1	65.2	65.2	65.3	65.3	65.3	65.5	65.5	65.5	65.5
≥ 8000	61.8	64.2	64.7	65.3	65.9	66.0	66.1	66.3	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5
≥ 7000	62.3	65.3	65.7	66.4	66.9	67.1	67.2	67.3	67.3	67.5	67.5	67.5	67.6	67.6	67.6	67.6
≥ 6000	63.8	66.5	67.1	68.0	68.5	68.7	68.8	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2
≥ 5000	64.9	67.7	68.4	69.4	70.0	70.2	70.3	70.4	70.4	70.6	70.6	70.6	70.7	70.7	70.7	70.7
≥ 4500	65.5	68.3	69.0	69.9	70.7	70.8	71.0	71.1	71.1	71.2	71.2	71.2	71.4	71.4	71.4	71.4
≥ 4000	66.4	69.2	69.9	70.8	71.6	71.8	71.9	72.0	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.3
≥ 3500	67.5	70.6	71.2	72.2	73.0	73.1	73.3	73.4	73.4	73.5	73.5	73.5	73.7	73.7	73.7	73.7
≥ 3000	68.5	71.8	72.4	73.4	74.2	74.3	74.5	74.6	74.6	74.7	74.7	74.7	74.9	74.9	74.9	74.9
≥ 2500	70.2	73.9	75.0	75.9	76.7	76.9	77.0	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4
≥ 2000	72.3	76.1	77.3	78.5	79.3	79.4	79.6	79.7	79.7	79.8	79.8	79.8	80.0	80.0	80.1	80.1
≥ 1800	72.7	76.5	77.8	79.2	80.0	80.1	80.4	80.5	80.5	80.6	80.6	80.6	80.9	80.9	81.0	81.0
≥ 1500	73.7	77.8	79.2	80.6	81.5	81.6	81.9	82.1	82.1	82.3	82.3	82.3	82.5	82.5	82.7	82.7
≥ 1200	74.2	78.9	80.6	82.4	83.2	83.3	83.6	84.1	84.1	84.3	84.3	84.3	84.5	84.5	84.7	84.8
≥ 1000	74.7	80.2	82.0	83.9	84.7	84.8	85.3	86.0	86.0	86.2	86.2	86.2	86.4	86.4	86.6	86.7
≥ 900	75.1	81.3	83.1	84.9	85.8	85.9	86.4	87.1	87.1	87.4	87.4	87.4	87.6	87.6	87.8	87.9
≥ 800	75.1	81.9	83.6	85.6	86.4	86.6	87.2	88.0	88.0	88.3	88.3	88.3	88.6	88.6	88.7	88.8
≥ 700	75.8	82.8	84.7	86.7	87.5	88.2	89.2	90.1	90.1	90.5	90.6	90.6	90.9	90.9	91.0	91.1
≥ 600	75.8	82.8	84.8	86.8	87.6	88.3	89.4	90.2	90.2	90.6	90.7	90.7	91.0	91.0	91.1	91.3
≥ 500	75.9	82.9	85.1	87.2	88.0	88.8	90.3	91.3	91.3	91.8	92.1	92.1	92.3	92.3	92.5	92.6
≥ 400	75.9	83.1	85.2	87.5	88.3	89.1	90.6	91.5	91.5	92.3	92.6	92.6	92.9	92.9	93.1	93.3
≥ 300	75.9	83.1	85.2	87.5	88.4	89.2	91.1	92.1	92.1	93.3	93.7	93.7	94.4	94.4	94.9	95.0
≥ 200	75.9	83.1	85.2	87.5	88.4	89.2	91.5	92.6	92.6	94.6	95.2	95.2	96.0	96.0	96.5	96.9
≥ 100	75.9	83.2	85.3	87.6	88.6	89.4	91.7	92.7	92.7	94.9	95.4	95.4	96.5	96.5	97.3	97.8
= 0	75.9	83.2	85.3	87.6	88.6	89.4	91.7	92.7	92.7	94.9	95.4	95.4	96.9	96.9	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047	KANSAS CITY INTL MO	74-81	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥5/16	≥0
NO CEILING	46.2	48.8	49.6	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.8	50.8	50.8	50.8
≥ 20000	47.7	50.7	51.5	51.9	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.7	52.7	52.7	52.7
≥ 18000	48.3	51.2	52.0	52.4	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.2	53.2	53.2	53.2
≥ 16000	48.3	51.2	52.0	52.4	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.2	53.2	53.2	53.2
≥ 14000	49.5	52.6	53.4	53.8	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.6	54.6	54.6	54.6
≥ 12000	50.5	53.9	54.8	55.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.0	56.0
≥ 10000	53.1	56.5	57.4	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.6	58.6	58.6	58.6
≥ 9000	54.3	58.5	59.4	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.6	60.6	60.6	60.6
≥ 8000	55.9	59.5	60.5	60.9	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.7	61.7	61.7	61.7
≥ 7000	58.1	62.0	62.9	63.7	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.7	64.7	64.7	64.7
≥ 6000	59.4	63.6	64.5	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.3	66.3	66.3	66.3
≥ 5000	60.3	64.5	65.5	66.3	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.2	67.2	67.2	67.2
≥ 4500	60.8	65.1	66.0	66.8	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.7	67.7	67.7	67.7
≥ 4000	61.7	66.3	67.2	68.0	68.7	69.7	68.7	68.7	68.7	68.7	68.7	68.7	69.0	69.0	69.0	69.0
≥ 3500	62.9	67.7	68.7	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.4
≥ 3000	63.6	68.4	69.4	70.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.1	71.1	71.1	71.1
≥ 2500	65.2	70.4	71.4	72.2	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.4	73.4	73.4	73.4
≥ 2000	66.3	71.9	73.1	74.1	74.9	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.7	75.7	75.7	75.7
≥ 1800	66.9	72.7	73.9	75.0	75.8	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.6	76.6	76.6	76.6
≥ 1500	68.3	74.6	75.9	77.3	78.1	78.5	78.9	78.9	78.9	79.0	79.0	79.0	79.3	79.3	79.3	79.3
≥ 1200	69.2	76.2	77.6	79.4	80.2	80.8	81.6	81.6	81.6	81.9	81.9	81.9	82.1	82.1	82.1	82.1
≥ 1000	70.3	77.8	79.3	81.5	82.5	83.1	83.9	83.9	83.9	84.1	84.1	84.1	84.4	84.4	84.4	84.4
≥ 900	70.7	78.5	80.2	82.4	83.6	84.1	84.9	85.1	85.1	85.3	85.3	85.3	85.6	85.6	85.6	85.6
≥ 800	70.7	79.0	80.8	83.1	84.4	85.2	86.2	86.3	86.4	86.7	86.7	86.7	87.0	87.0	87.0	87.0
≥ 700	70.8	79.6	81.3	84.1	85.6	86.6	87.9	88.0	88.2	88.4	88.6	88.6	89.0	89.0	89.0	89.0
≥ 600	70.8	79.7	81.6	84.4	85.9	86.8	88.4	88.6	88.7	89.1	89.2	89.2	89.7	89.7	89.7	89.7
≥ 500	70.8	79.7	82.0	85.1	86.7	87.8	89.4	89.5	89.8	90.2	90.3	90.3	90.7	90.7	90.7	90.7
≥ 400	70.8	80.0	82.3	85.3	87.1	88.2	90.2	90.3	90.6	91.0	91.4	91.4	91.9	91.9	92.2	92.2
≥ 300	71.0	80.2	82.7	85.8	87.8	88.8	91.4	91.9	92.2	93.1	93.5	93.5	94.4	94.4	94.6	95.0
≥ 200	71.1	80.4	82.8	85.9	87.9	89.0	91.7	92.5	92.7	93.8	94.2	94.4	95.7	95.8	96.4	97.3
≥ 100	71.1	80.4	82.8	85.9	88.2	89.2	91.9	92.7	93.0	94.2	94.8	94.9	96.4	96.5	97.3	98.5
≥ 0	71.1	80.4	82.8	85.9	88.2	89.2	91.9	92.7	93.0	94.5	95.0	95.2	96.6	96.8	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATIC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947 (STATION) KANSAS CITY INTL MO (STATION NAME) 74-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L.S.T.))

CEILING (FEET)	VISBLTY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥5/16	≥0
NO CEILING	39.3	44.1	45.9	46.7	47.4	47.4	47.5	47.5	47.5	47.6	47.8	47.8	47.8	47.8	47.8	47.9
≥ 20000	44.5	50.3	52.1	53.0	53.7	53.7	53.8	53.8	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.2
≥ 18000	44.9	50.6	52.4	53.3	54.0	54.0	54.1	54.1	54.1	54.2	54.4	54.4	54.4	54.4	54.4	54.5
≥ 17000	44.9	50.6	52.4	53.3	54.0	54.0	54.1	54.1	54.1	54.2	54.4	54.4	54.4	54.4	54.4	54.5
≥ 14000	45.6	51.4	53.2	54.1	54.8	54.8	54.9	54.9	54.9	55.0	55.2	55.2	55.2	55.2	55.2	55.3
≥ 12000	45.6	52.5	54.4	55.3	56.0	56.0	56.1	56.1	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.5
≥ 10000	48.3	54.8	56.7	57.6	58.4	58.4	58.5	58.5	58.5	58.7	58.8	58.8	58.8	58.8	58.9	59.0
≥ 9000	48.7	55.5	57.5	58.5	59.4	59.4	59.5	59.5	59.5	59.6	59.8	59.8	59.8	59.8	59.8	59.9
≥ 8000	50.2	57.2	59.4	60.4	61.2	61.2	61.4	61.4	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6
≥ 7000	51.4	58.5	60.8	61.9	63.0	63.0	63.1	63.3	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.7
≥ 6000	52.4	59.5	61.8	63.0	64.1	64.1	64.2	64.3	64.3	64.5	64.6	64.6	64.6	64.6	64.6	64.7
≥ 5000	53.2	60.4	63.0	64.2	65.3	65.3	65.4	65.5	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.9
≥ 4500	53.9	61.4	64.1	65.3	66.4	66.4	66.5	66.6	66.6	66.8	66.9	66.9	66.9	66.9	66.9	67.1
≥ 4000	54.4	62.2	64.9	66.2	67.4	67.4	67.7	67.8	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.2
≥ 3500	54.6	62.6	65.3	66.6	67.8	67.8	68.1	68.2	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.6
≥ 3000	55.6	64.2	67.0	68.4	69.9	69.9	70.1	70.3	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.7
≥ 2500	56.5	65.5	68.4	69.7	71.5	71.6	72.3	72.5	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.9
≥ 2000	57.3	66.6	69.7	71.2	73.1	73.4	74.2	74.4	74.4	74.7	74.8	74.8	75.0	75.0	75.0	75.1
≥ 1800	57.7	67.7	70.9	72.4	74.4	74.7	75.8	76.0	76.0	76.3	76.4	76.4	76.6	76.6	76.6	76.7
≥ 1500	58.7	69.7	73.2	74.8	77.1	77.4	78.7	79.0	79.0	79.3	79.4	79.4	79.5	79.5	79.5	79.7
≥ 1200	59.5	71.3	74.8	76.6	79.1	79.5	81.2	81.4	81.4	81.7	81.8	81.8	82.0	82.0	82.0	82.1
≥ 1000	59.5	71.7	75.2	77.5	80.3	80.8	82.8	83.2	83.2	83.4	83.6	83.6	83.8	83.8	83.8	84.0
≥ 900	59.6	71.9	75.6	78.2	81.0	81.4	83.6	84.1	84.1	84.4	84.5	84.5	84.8	84.8	84.8	84.9
≥ 800	59.8	72.1	76.0	78.7	82.5	83.0	85.2	85.7	85.7	86.3	86.4	86.4	86.7	86.7	86.7	86.8
≥ 700	59.8	72.1	76.2	79.0	82.9	83.6	85.7	86.3	86.3	86.8	87.2	87.2	87.5	87.5	87.5	87.6
≥ 600	59.9	72.4	76.4	79.5	83.4	84.1	86.3	87.1	87.1	87.6	88.0	88.0	88.4	88.4	88.4	88.6
≥ 500	60.0	72.7	76.7	80.1	84.3	84.9	87.3	88.3	88.3	89.0	89.4	89.4	89.9	89.9	89.9	90.0
≥ 400	60.0	72.9	77.0	80.3	84.5	85.2	88.6	89.9	89.9	91.0	91.4	91.4	92.2	92.2	92.2	92.3
≥ 300	60.0	72.9	77.1	80.5	84.7	85.5	89.0	91.0	91.0	92.6	93.3	93.3	95.2	95.2	95.3	95.6
≥ 200	60.0	72.9	77.1	80.5	84.7	85.5	89.0	91.3	91.3	93.0	94.1	94.1	96.6	96.9	97.6	98.1
≥ 100	60.0	72.9	77.1	80.5	84.7	85.5	89.0	91.3	91.3	93.0	94.1	94.1	96.8	97.0	97.7	98.6
= 0	60.0	72.9	77.1	80.5	84.7	85.5	89.0	91.3	91.3	93.0	94.1	94.1	96.8	97.0	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7947 (STATION) KANSAS CITY INTL MO (STATION NAME) 74-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	43.5	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000	49.2	54.8	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 18000	49.2	54.8	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 9000	49.3	55.0	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 14000	50.4	56.0	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 12000	51.6	57.7	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 10000	53.6	60.2	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 9000	54.4	61.2	62.4	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 8000	56.2	62.9	64.4	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 7000	56.7	63.6	65.1	65.3	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.3	66.3
≥ 6000	57.1	64.0	65.5	65.7	66.3	66.4	66.5	66.5	66.5	66.7	66.7	66.7	66.8	66.8	66.8	66.8
≥ 5000	57.5	64.4	66.0	66.3	66.8	66.9	67.1	67.1	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3
≥ 4500	58.3	65.2	66.8	67.1	67.6	67.7	67.9	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1
≥ 4000	58.9	65.7	67.3	67.9	68.4	68.5	68.7	68.7	68.7	68.8	68.8	68.8	69.0	69.0	69.0	69.0
≥ 3500	59.0	66.0	67.6	68.1	68.8	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.4	69.4	69.4	69.4
≥ 3000	59.4	67.5	69.2	70.0	70.8	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.4	71.4	71.4	71.4
≥ 2500	61.3	69.6	72.1	73.1	74.2	74.3	74.5	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7
≥ 2000	62.2	70.7	73.4	74.5	75.5	75.7	75.9	76.2	76.2	76.3	76.3	76.3	76.5	76.5	76.5	76.5
≥ 1800	62.6	71.5	74.2	75.4	76.6	76.7	77.0	77.3	77.3	77.4	77.4	77.4	77.6	77.6	77.6	77.6
≥ 1500	63.8	73.4	76.2	77.8	79.3	79.4	79.8	80.1	80.1	80.2	80.2	80.2	80.4	80.4	80.4	80.4
≥ 1200	64.1	75.1	78.4	80.5	82.3	82.4	83.2	83.5	83.5	83.6	83.6	83.6	83.7	83.7	83.7	83.7
≥ 1000	64.4	76.3	79.7	82.0	83.9	84.0	85.2	85.6	85.6	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 900	64.4	76.9	80.4	83.3	85.5	85.6	87.0	87.5	87.5	87.8	87.8	87.8	87.9	87.9	87.9	87.9
≥ 800	64.7	77.4	80.9	83.9	86.2	86.3	87.6	88.2	88.2	88.6	88.6	88.6	88.7	88.7	88.7	88.7
≥ 700	64.7	77.4	81.0	84.0	86.4	86.7	88.0	88.6	88.6	89.0	89.0	89.0	89.1	89.1	89.1	89.1
≥ 600	64.8	77.8	81.5	84.5	87.2	87.5	88.8	89.5	89.5	90.2	90.6	90.6	90.7	90.7	90.7	90.7
≥ 500	64.9	78.0	81.6	84.8	87.9	88.2	89.7	90.7	90.7	91.7	92.1	92.1	92.2	92.2	92.2	92.2
≥ 400	64.9	78.1	81.7	85.1	88.7	89.0	91.4	92.6	92.6	93.8	94.5	94.5	94.6	94.6	94.9	94.9
≥ 300	64.9	78.1	81.7	85.1	88.7	89.0	91.7	93.1	93.1	95.2	96.2	96.2	96.9	96.9	97.4	97.4
≥ 200	64.9	78.1	81.7	85.1	88.7	89.0	91.7	93.1	93.1	95.2	96.4	96.4	97.4	97.4	98.0	98.0
≥ 100	64.9	78.1	81.7	85.1	88.8	89.1	91.8	93.3	93.3	95.3	96.5	96.5	97.6	97.6	98.4	99.3
≥ 0	64.9	78.1	81.7	85.1	88.8	89.1	91.8	93.3	93.3	95.3	96.5	96.5	97.6	97.6	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947 STATION | KANSAS CITY INTL MO STATION NAME | 74-81 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L.S.T.)

CEILING (FEET)	VISBY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	44.0	47.7	48.1	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5
≥ 20000	52.0	55.2	55.6	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0
≥ 18000	50.0	55.2	55.6	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0
≥ 5000	50.4	55.6	56.0	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5
≥ 14000	52.1	57.4	57.8	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2
≥ 2000	54.6	60.1	60.5	60.6	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0
≥ 10000	57.4	63.3	63.7	63.8	64.0	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.4
≥ 9000	58.9	64.4	64.8	64.9	65.1	65.2	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.6
≥ 8000	59.5	65.5	65.9	66.0	66.1	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.7
≥ 7000	60.3	66.4	66.9	67.2	67.3	67.5	67.6	67.6	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.1
≥ 6000	61.2	67.6	68.1	68.7	68.8	69.0	69.1	69.1	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.6
≥ 5000	61.8	68.3	68.8	69.5	69.6	69.9	70.0	70.0	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.6
≥ 4500	62.1	68.7	69.2	69.9	70.0	70.3	70.4	70.4	70.4	70.8	70.8	70.8	70.8	70.8	70.8	71.0
≥ 4000	62.8	69.6	70.2	71.2	71.6	71.9	72.0	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.6
≥ 3500	63.0	70.3	71.0	72.0	72.6	72.8	73.0	73.0	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.5
≥ 3000	64.4	72.0	73.1	74.3	75.0	75.3	75.4	75.4	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.9
≥ 2500	65.2	73.8	75.1	76.3	77.3	77.6	77.7	77.7	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.4
≥ 2000	65.9	74.7	76.2	78.0	79.0	79.3	79.4	79.6	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.2
≥ 1800	66.3	75.9	77.6	79.3	80.4	80.8	80.9	81.0	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.7
≥ 1500	67.3	77.6	79.3	81.3	82.4	82.9	83.2	83.5	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 1200	68.4	80.4	82.3	84.7	86.0	86.8	87.4	87.6	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.3
≥ 1000	69.7	81.2	83.3	86.2	87.8	88.6	89.1	89.4	89.4	90.2	90.2	90.2	90.2	90.2	90.2	90.3
≥ 900	68.8	81.3	83.6	86.6	88.2	89.0	89.7	89.9	89.9	90.7	90.7	90.7	90.9	90.9	90.9	91.0
≥ 800	68.8	81.3	83.6	86.7	88.4	89.2	90.2	90.5	90.5	91.3	91.4	91.4	91.5	91.5	91.5	91.7
≥ 700	68.8	81.6	83.9	87.0	89.0	89.8	90.9	91.3	91.3	92.1	92.2	92.2	92.5	92.5	92.5	92.6
≥ 600	68.8	81.6	84.0	87.2	89.8	90.7	92.3	93.1	93.1	94.1	94.2	94.2	94.5	94.5	94.5	94.6
≥ 500	68.8	81.6	84.0	87.2	89.8	90.7	92.5	93.4	93.4	94.4	94.5	94.5	94.8	94.8	94.8	94.9
≥ 400	68.8	81.6	84.0	87.6	90.3	91.3	93.3	94.5	94.5	95.8	96.4	96.4	96.8	96.8	96.9	97.0
≥ 300	68.8	81.6	84.0	87.6	90.5	91.4	93.7	94.9	95.0	97.0	97.6	97.6	98.0	98.0	98.1	98.3
≥ 200	68.8	81.6	84.0	87.6	90.5	91.4	93.7	94.9	95.0	97.4	98.3	98.3	98.7	98.9	99.1	99.3
≥ 100	68.8	81.6	84.0	87.6	90.5	91.4	93.7	94.9	95.0	97.4	98.3	98.3	98.7	98.9	99.1	99.9
≥ 0	68.8	81.6	84.0	87.6	90.5	91.4	93.7	94.9	95.0	97.4	98.3	98.3	98.7	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947 (STATION) KANSAS CITY INTL MO (STATION NAME) 74-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (L.S.T.))

CEILING (FEET)	VISBLTY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	53.3	52.7	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 20000	54.8	57.1	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000	55.2	57.5	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 16000	55.2	57.5	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 14000	56.7	59.3	59.5	59.9	59.9	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 12000	58.9	61.6	62.0	62.4	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 10000	61.2	63.8	64.2	64.7	64.7	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 9000	62.5	65.2	65.6	66.0	66.0	66.0	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	63.4	66.1	66.5	66.9	66.9	66.9	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 7000	65.2	68.0	68.5	69.0	69.0	69.0	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000	66.4	69.4	69.9	70.3	70.3	70.3	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 5000	66.9	70.0	70.6	71.1	71.1	71.1	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 4500	67.3	70.7	71.2	72.0	72.0	72.0	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4000	67.9	71.2	72.0	72.8	72.8	72.8	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3500	68.5	72.4	73.3	74.1	74.1	74.1	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3000	69.6	73.8	74.6	75.5	75.7	75.7	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2500	71.0	75.4	76.5	77.4	77.6	77.6	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2000	72.7	77.3	78.8	79.8	80.0	80.0	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1800	73.4	78.4	79.8	81.0	81.2	81.2	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1500	74.5	80.4	82.0	83.2	83.3	83.5	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1200	75.7	82.4	84.1	85.5	85.9	86.0	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1000	76.2	83.3	85.1	86.4	86.8	87.1	87.9	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 900	76.2	83.6	85.6	87.1	87.8	88.0	88.8	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	76.2	83.7	86.2	87.6	88.7	89.0	89.9	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 700	76.5	84.3	86.8	88.4	89.9	90.2	91.3	91.8	91.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 600	76.5	84.4	87.1	88.7	90.5	90.7	92.1	92.6	92.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 500	76.5	84.5	87.4	89.0	90.9	91.3	92.7	93.5	93.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 400	76.6	84.9	87.8	89.4	91.5	91.9	94.0	94.9	95.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4
≥ 300	76.6	84.9	87.8	89.5	91.7	92.1	94.4	95.6	95.7	97.0	97.3	97.3	97.4	97.4	97.4	97.6
≥ 200	76.6	84.9	87.8	89.5	91.7	92.1	94.4	95.6	95.7	97.2	97.4	97.4	98.0	98.1	98.5	98.7
≥ 100	76.6	84.9	87.8	89.5	91.7	92.1	94.4	95.6	95.7	97.3	97.7	97.7	98.3	98.4	98.8	98.9
≥ 0	76.6	84.9	87.8	89.5	91.7	92.1	94.4	95.6	95.7	97.3	97.7	97.7	98.3	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947	KANSAS CITY INTL MO	74-81	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.2	55.9	56.3	57.4	57.5	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 20000	55.3	57.5	57.9	59.0	59.1	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 18000	56.2	57.9	58.3	59.4	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 17000	56.2	57.9	58.3	59.4	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 14000	57.0	58.7	59.1	60.2	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 12000	57.9	59.9	60.3	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 10000	60.5	62.5	62.9	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	61.9	64.1	64.5	65.6	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 8000	63.0	65.3	65.7	66.8	66.9	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 7000	64.9	67.2	67.6	68.7	68.8	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000	66.9	69.5	69.9	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 5000	67.7	70.6	71.0	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4500	69.8	72.0	72.4	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 4000	70.0	73.7	74.1	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	70.2	73.8	74.2	75.4	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3000	71.4	75.3	75.7	76.9	77.0	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2500	72.4	77.3	77.7	79.0	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2000	73.9	78.9	79.3	80.9	81.0	81.0	81.0	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800	74.9	80.4	80.8	82.4	82.5	82.5	82.5	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1500	75.7	81.7	82.1	83.9	84.0	84.0	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1200	76.1	83.1	83.6	85.5	85.6	85.6	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1000	76.7	84.0	84.5	86.6	86.7	86.7	87.4	87.5	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 900	76.7	84.1	84.8	86.8	87.0	87.0	87.9	88.0	88.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 800	77.0	84.5	85.5	87.8	87.9	87.9	89.0	89.5	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 700	77.0	84.9	86.3	89.1	89.4	89.4	90.5	91.0	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 600	77.0	84.9	86.7	89.7	89.9	89.9	91.3	91.8	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	77.0	85.1	86.8	89.8	90.1	90.2	91.8	92.6	92.6	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 400	77.0	85.1	86.8	89.9	90.5	90.7	92.7	93.8	93.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 300	77.0	85.1	86.8	90.1	91.0	91.3	93.4	94.9	95.0	96.4	96.5	96.5	96.6	96.6	96.6	96.8
≥ 200	77.0	85.1	86.8	90.1	91.0	91.3	93.5	95.0	95.3	97.2	97.4	97.4	97.7	97.7	97.8	98.3
≥ 100	77.0	85.1	86.8	90.1	91.0	91.3	93.5	95.0	95.3	97.2	97.7	97.7	98.0	98.0	98.3	98.8
≥ 0	77.0	85.1	86.8	90.1	91.0	91.3	93.5	95.0	95.3	97.2	97.7	97.7	98.0	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7947 (STATION) KANSAS CITY INTL MO (STATION NAME) 74-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥6	≥5	≥4	≥3	≥2½	≥2	≥ 1½	≥1¼	≥1	≥ ¾	≥ ½	≥ ¼	≥5/16	≥ 4	≥0
NO CEILING	48.2	50.9	51.7	52.3	52.5	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.8	52.8	52.8	52.8
≥ 20000	51.7	55.0	55.8	56.4	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
≥ 18000	51.9	55.2	56.0	56.6	56.8	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1
≥ 17000	52.0	55.3	56.1	56.7	56.9	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2
≥ 14000	53.1	56.4	57.2	57.8	58.0	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3
≥ 12000	54.4	57.9	58.8	59.4	59.7	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.0
≥ 10000	56.7	60.5	61.4	62.0	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6
≥ 9000	57.9	61.9	62.7	63.4	63.7	63.7	63.8	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0
≥ 8000	59.0	63.0	63.9	64.6	64.9	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.3
≥ 7000	60.4	64.5	65.5	66.2	66.6	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1
≥ 6000	61.6	65.9	66.8	67.6	68.0	68.1	68.2	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5
≥ 5000	62.4	66.7	67.8	68.6	69.0	69.1	69.2	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.6
≥ 4500	63.0	67.6	68.7	69.6	70.0	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.5
≥ 4000	63.9	68.6	69.7	70.7	71.2	71.2	71.4	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7
≥ 3500	64.4	69.3	70.4	71.5	72.0	72.1	72.2	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5
≥ 3000	65.3	70.7	71.9	73.0	73.6	73.7	73.9	73.9	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.2
≥ 2500	66.6	72.5	73.9	75.0	75.8	75.8	76.1	76.2	76.	76.3	76.3	76.3	76.4	76.4	76.4	76.5
≥ 2000	67.8	73.9	75.5	76.9	77.6	77.8	78.1	78.2	78.2	78.4	78.4	78.4	78.5	78.5	78.5	78.6
≥ 1800	68.4	74.9	76.6	78.0	78.8	78.9	79.3	79.4	79.4	79.6	79.6	79.6	79.7	79.7	79.7	79.8
≥ 1500	69.5	76.7	78.4	80.0	80.8	81.0	81.5	81.7	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.1
≥ 1200	70.2	78.4	80.3	82.2	83.2	83.4	84.2	84.4	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.8
≥ 1000	70.8	79.5	81.5	83.6	84.7	85.0	86.0	86.3	86.3	86.6	86.6	86.6	86.7	86.7	86.7	86.8
≥ 900	70.9	79.9	82.1	84.4	85.6	85.9	86.9	87.3	87.3	87.7	87.7	87.7	87.8	87.8	87.8	87.9
≥ 800	71.1	80.3	82.6	84.9	86.3	86.7	87.9	88.3	88.4	88.8	88.8	88.8	88.9	88.9	89.0	89.0
≥ 700	71.2	80.7	83.1	85.6	87.2	87.7	89.1	89.6	89.6	90.1	90.2	90.2	90.3	90.3	90.4	90.4
≥ 600	71.2	80.8	83.4	86.0	87.7	88.3	89.9	90.4	90.4	91.0	91.2	91.2	91.4	91.4	91.4	91.5
≥ 500	71.3	80.9	83.6	86.3	88.2	88.8	90.6	91.3	91.4	92.2	92.4	92.4	92.6	92.6	92.6	92.7
≥ 400	71.3	81.1	83.8	86.7	88.7	89.4	91.6	92.5	92.6	93.6	93.9	93.9	94.2	94.2	94.3	94.4
≥ 300	71.3	81.1	83.9	86.8	89.0	89.7	92.2	93.4	93.4	94.9	95.4	95.4	96.1	96.1	96.3	96.4
≥ 200	71.3	81.1	83.9	86.8	89.0	89.7	92.3	93.6	93.7	95.5	96.1	96.1	97.2	97.3	97.6	98.0
≥ 100	71.3	81.1	83.9	86.8	89.1	89.8	92.4	93.6	93.7	95.6	96.3	96.3	97.5	97.6	98.1	98.9
≥ 0	71.3	81.1	83.9	86.8	89.1	89.8	92.4	93.6	93.7	95.7	96.4	96.4	97.6	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 5951

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947 (STATION) | KANSAS CITY INTL MO (STATION NAME) | 74-81 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	50.3	51.8	53.1	53.4	53.4	53.4	53.4	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.8	54.0
≥ 20000	52.7	54.1	55.5	55.8	55.8	55.8	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.2	56.3
≥ 18000	52.7	54.1	55.5	55.8	55.8	55.8	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.2	56.3
≥ 16000	52.7	54.1	55.5	55.8	55.8	55.8	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.2	56.3
≥ 14000	53.1	54.6	55.9	56.2	56.2	56.2	56.2	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.6	56.8
≥ 12000	53.9	55.3	56.6	56.9	56.9	56.9	56.9	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.4	57.5
≥ 10000	55.9	57.5	58.8	59.1	59.1	59.1	59.1	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.6	59.7
≥ 9000	56.3	58.0	59.3	59.6	59.6	59.6	59.6	59.7	59.7	59.9	59.9	59.9	59.9	59.9	60.0	60.2
≥ 8000	57.7	59.3	60.6	60.9	60.9	60.9	60.9	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.4	61.5
≥ 7000	58.8	60.5	61.8	62.1	62.1	62.1	62.1	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.5	62.7
≥ 6000	60.8	62.4	63.7	64.2	64.2	64.2	64.2	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.6	64.7
≥ 5000	61.1	62.8	64.3	64.7	64.7	64.7	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.2	65.3
≥ 4500	62.1	64.0	65.6	66.1	66.1	66.1	66.1	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.5	66.7
≥ 4000	63.3	65.2	67.1	67.4	67.4	67.4	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.8	68.0
≥ 3500	64.6	66.5	68.3	68.7	68.7	68.7	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.2	69.3
≥ 3000	65.8	67.7	69.6	70.2	70.2	70.2	70.2	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.6	70.8
≥ 2500	67.6	69.8	72.0	72.9	72.9	72.9	72.9	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.3	73.5
≥ 2000	69.0	72.0	74.2	75.5	75.5	75.5	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	76.0	76.1
≥ 1800	70.2	73.6	76.0	77.3	77.4	77.4	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.9	78.0
≥ 1500	72.4	76.4	78.9	80.2	80.7	80.7	80.7	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.1	81.3
≥ 1200	74.3	79.2	82.2	83.6	84.1	84.2	84.2	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.7	84.8
≥ 1000	76.1	81.4	84.8	86.3	87.3	87.5	87.5	87.6	87.9	88.2	88.2	88.2	88.2	88.2	88.3	88.5
≥ 900	76.5	81.9	85.4	86.9	87.9	88.1	88.2	88.3	88.6	88.9	88.9	88.9	88.9	88.9	89.1	89.2
≥ 800	76.8	82.3	85.8	87.8	89.1	89.4	89.5	89.7	90.0	90.3	90.3	90.3	90.3	90.3	90.4	90.6
≥ 700	76.8	82.3	86.0	87.9	89.2	89.8	90.1	90.3	90.6	90.9	90.9	90.9	90.9	90.9	91.0	91.2
≥ 600	76.8	82.3	86.1	88.1	90.1	90.7	91.0	91.2	91.4	91.7	91.7	91.7	91.7	91.7	91.9	92.0
≥ 500	76.8	82.3	86.1	88.1	91.0	91.9	92.2	92.3	92.6	93.2	93.2	93.2	93.2	93.2	93.4	93.5
≥ 400	76.8	82.3	86.1	88.1	91.3	92.6	93.2	93.5	93.8	94.7	94.7	94.7	94.7	94.7	94.8	95.0
≥ 300	76.8	82.3	86.1	88.1	91.3	92.9	93.5	94.0	94.5	95.9	96.2	96.2	96.2	96.2	96.5	96.6
≥ 200	76.8	82.3	86.1	88.1	91.3	92.9	93.5	94.1	94.8	96.9	97.2	97.2	98.1	98.1	98.4	98.5
≥ 100	76.8	82.3	86.1	88.1	91.3	92.9	93.5	94.1	94.8	96.9	97.2	97.2	98.5	98.5	99.0	99.1
≥ 0	76.8	82.3	86.1	88.1	91.3	92.9	93.5	94.1	94.8	96.9	97.2	97.2	98.5	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 672

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13747	KANSAS CITY INTL MO	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	51.0	52.8	53.7	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7
≥ 20000	53.2	55.0	55.9	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9
≥ 18000	53.2	55.0	55.9	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9
≥ 16000	53.2	55.0	55.9	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9
≥ 14000	53.8	55.6	56.5	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5
≥ 12000	54.7	56.5	57.4	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4
≥ 10000	56.2	58.0	58.8	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9
≥ 9000	57.5	59.3	60.2	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2
≥ 8000	58.1	59.9	60.8	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8
≥ 7000	59.6	61.4	62.2	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.3
≥ 6000	60.3	62.2	63.1	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2
≥ 5000	61.1	63.0	63.9	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.9
≥ 4500	62.4	64.3	65.2	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2
≥ 4000	63.3	65.3	66.2	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.3
≥ 3500	64.2	66.2	67.3	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3
≥ 3000	66.1	68.1	69.2	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5
≥ 2500	67.7	70.5	71.7	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0
≥ 2000	69.2	72.1	73.3	74.6	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2
≥ 1800	70.1	73.3	74.5	75.8	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5
≥ 1500	72.4	76.4	77.6	79.1	79.5	79.5	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
≥ 1200	74.2	79.1	81.0	82.4	82.9	82.9	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6
≥ 1000	74.6	80.5	82.9	85.0	85.4	85.4	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.3
≥ 900	75.5	81.9	84.2	86.4	87.5	87.5	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3
≥ 800	75.5	82.0	84.7	87.2	88.3	88.3	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.7
≥ 700	76.0	82.7	85.4	87.9	89.5	89.5	90.6	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	91.0
≥ 600	76.0	82.9	85.7	88.5	90.4	90.6	91.6	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	92.0
≥ 500	76.0	82.9	85.7	88.6	90.9	91.3	92.6	92.8	92.8	93.2	93.2	93.2	93.2	93.2	93.4	93.5
≥ 400	76.1	83.0	85.8	88.8	91.6	92.0	93.4	93.5	93.8	94.5	94.8	94.8	94.8	94.8	95.0	95.1
≥ 300	76.1	83.0	85.8	88.8	91.6	92.0	93.8	94.0	94.2	95.7	96.0	96.0	96.3	96.3	96.5	96.6
≥ 200	76.1	83.0	85.8	88.8	91.6	92.0	93.8	94.0	94.2	96.0	96.8	96.8	97.2	97.2	98.1	98.2
≥ 100	76.1	83.0	85.8	88.8	91.6	92.0	93.8	94.0	94.2	96.0	96.8	96.8	97.9	97.9	99.0	99.1
≥ 0	76.1	83.0	85.8	88.8	91.6	92.0	93.8	94.0	94.2	96.0	96.8	96.8	97.9	97.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 676

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947	KANSAS CITY INTL MO	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	46.2	50.0	50.3	51.0	51.8	51.8	51.8	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 20000	49.1	53.1	53.5	54.4	55.2	55.2	55.2	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 18000	49.3	53.4	53.8	54.7	55.5	55.5	55.5	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 16000	49.3	53.4	53.8	54.7	55.5	55.5	55.5	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 14000	50.1	54.3	54.7	55.6	56.3	56.3	56.3	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 12000	51.2	55.5	56.0	56.9	57.7	57.7	57.7	58.0	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 10000	52.8	57.4	58.0	58.8	59.6	59.6	59.6	59.9	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 9000	52.9	57.5	58.1	59.0	59.7	59.9	59.9	60.2	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 8000	53.5	58.3	59.0	59.9	60.6	60.8	60.8	61.1	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 7000	54.7	59.4	60.2	61.1	61.8	61.9	61.9	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 6000	55.5	60.2	60.9	61.8	62.5	62.7	62.7	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 5000	56.3	61.1	61.8	62.8	63.6	63.7	63.7	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 4500	57.5	62.4	63.1	64.3	65.0	65.2	65.2	65.5	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4000	58.7	63.6	64.3	65.5	66.2	66.4	66.4	66.7	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 3500	60.3	65.3	66.2	67.4	68.1	68.3	68.3	68.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 3000	61.7	67.0	67.8	69.0	69.8	69.9	69.9	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 2500	62.7	68.3	69.3	70.5	71.2	71.4	71.5	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 2000	64.6	70.6	71.8	73.3	74.2	74.3	74.6	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 1800	64.9	70.9	72.1	73.7	74.6	74.8	75.1	75.4	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 1500	66.7	73.0	74.2	76.1	77.3	77.4	77.9	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1200	68.6	75.5	78.0	80.4	81.6	81.7	82.2	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1000	69.6	77.1	80.1	82.4	83.9	84.1	84.5	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 900	70.2	77.7	80.7	83.2	84.7	84.8	85.3	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 800	70.4	78.0	81.1	84.1	85.5	85.7	86.1	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 700	70.5	78.5	81.7	85.0	87.2	87.3	87.8	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 600	70.5	78.6	82.0	85.5	88.1	88.5	89.1	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 500	70.5	78.9	82.4	86.3	89.1	89.5	90.3	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 400	70.6	79.2	82.7	86.7	89.7	90.3	91.3	92.6	92.8	93.5	93.7	93.7	93.8	93.8	93.8	93.8
≥ 300	70.6	79.2	82.7	86.7	89.7	90.3	91.6	93.4	93.7	95.1	95.7	95.7	95.9	95.9	95.9	95.9
≥ 200	70.6	79.2	82.7	86.7	89.7	90.3	91.7	93.5	93.8	95.6	96.3	96.3	96.6	96.6	96.9	97.2
≥ 100	70.6	79.2	82.7	86.7	89.7	90.3	91.7	93.5	93.8	95.6	96.9	96.9	97.5	97.5	98.8	99.3
≥ 0	70.6	79.2	82.7	86.7	89.7	90.3	91.7	93.5	93.8	95.6	96.9	96.9	97.5	97.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 676

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.6	47.2	49.1	50.1	50.4	50.6	51.0	51.3	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6
≥ 20000	43.3	51.9	54.0	55.2	55.5	55.6	56.1	56.4	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.8
≥ 18000	43.3	51.9	54.0	55.2	55.5	55.6	56.1	56.4	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.8
≥ 9000	43.3	51.9	54.0	55.2	55.5	55.6	56.1	56.4	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.9
≥ 14000	44.8	53.1	55.3	56.7	57.0	57.1	57.5	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.3
≥ 12000	45.4	53.8	56.1	57.5	57.8	58.1	58.6	58.9	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.3
≥ 10000	47.6	56.8	59.0	60.5	60.8	61.1	61.5	61.8	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.3
≥ 9000	48.1	57.4	59.6	61.2	61.5	61.8	62.3	62.6	62.7	62.7	62.9	62.9	62.9	62.9	62.9	63.0
≥ 8000	49.7	59.3	61.7	63.3	63.6	64.1	64.5	64.8	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.2
≥ 7000	50.1	59.9	62.3	64.1	64.6	65.1	65.5	65.8	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.3
≥ 6000	50.1	59.9	62.3	64.1	64.6	65.2	65.7	66.0	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.4
≥ 5000	50.6	60.8	63.2	64.9	65.5	66.1	66.6	66.9	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.3
≥ 4500	50.7	60.9	63.5	65.2	65.8	66.4	66.9	67.2	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.6
≥ 4000	51.3	62.0	64.6	66.4	67.0	67.6	68.2	68.5	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.9
≥ 3500	52.7	62.9	65.7	67.6	68.3	68.9	69.5	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.3
≥ 3000	53.0	63.2	66.3	68.3	69.1	69.7	70.6	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.4
≥ 2500	53.3	64.5	67.8	70.0	71.0	71.6	72.5	73.1	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.5
≥ 2000	54.9	65.8	69.1	71.4	72.5	73.4	74.6	75.1	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.7
≥ 1800	55.5	66.9	70.6	73.2	74.7	75.6	76.8	77.4	77.5	77.7	77.8	77.8	77.8	77.8	77.8	78.0
≥ 1500	56.2	68.5	72.3	75.9	78.1	79.1	80.3	80.9	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.5
≥ 1200	56.4	69.8	74.0	77.8	80.3	81.4	83.0	83.6	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.2
≥ 1000	56.5	70.1	74.4	78.7	81.8	82.8	84.5	85.4	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.9
≥ 900	56.7	70.6	75.0	79.4	82.7	84.0	85.7	86.5	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.1
≥ 800	56.7	70.6	75.0	79.4	83.1	84.5	86.1	87.1	87.3	87.9	88.0	88.0	88.0	88.0	88.0	88.2
≥ 700	56.7	70.7	75.1	80.0	84.3	85.9	87.7	89.2	89.3	89.9	90.1	90.1	90.1	90.1	90.1	90.2
≥ 600	56.7	70.7	75.1	80.0	84.3	86.2	88.3	89.9	90.1	91.1	91.3	91.3	91.3	91.3	91.3	91.4
≥ 500	56.7	70.7	75.1	80.2	84.6	86.7	89.3	91.1	91.3	92.8	92.9	92.9	93.0	93.0	93.0	93.2
≥ 400	56.7	70.7	75.1	80.2	84.6	86.8	89.8	92.3	92.5	94.4	94.5	94.5	94.8	94.8	94.8	95.1
≥ 300	56.7	70.7	75.1	80.2	84.6	86.8	89.9	93.0	93.3	95.6	96.4	96.4	96.9	96.9	96.9	97.6
≥ 200	56.7	70.7	75.1	80.2	84.6	86.8	89.9	93.0	93.3	95.6	96.4	96.4	96.9	96.9	97.0	98.1
≥ 100	56.7	70.7	75.1	80.2	84.6	86.8	89.9	93.0	93.3	95.6	96.7	96.7	97.3	97.3	97.9	99.3
≥ 0	56.7	70.7	75.1	80.2	84.6	86.8	89.9	93.0	93.3	95.6	96.7	96.7	97.3	97.3	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 676

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL AP	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	42.2	47.2	49.0	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 20000	47.3	52.8	54.9	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 18000	47.3	52.8	54.9	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 16000	47.3	52.8	54.9	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 14000	48.1	53.5	55.6	56.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 12000	48.8	54.3	56.3	57.2	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	49.9	55.9	58.0	58.8	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 9000	50.6	56.9	59.0	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 8000	51.9	58.7	60.8	61.7	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 7000	52.5	59.4	61.5	62.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 6000	53.1	60.0	62.1	63.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 5000	53.5	60.5	62.5	63.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 4500	54.3	61.7	63.9	64.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 4000	54.3	62.4	64.7	65.6	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.3	67.3	67.3	67.3
≥ 3500	55.0	62.5	65.3	66.2	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0
≥ 3000	55.6	63.1	66.1	67.3	68.6	68.7	69.0	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3
≥ 2500	57.8	66.2	69.2	70.4	71.8	72.1	72.4	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7
≥ 2000	60.5	69.9	73.3	74.6	76.1	76.4	76.7	76.8	76.8	76.8	77.0	77.0	77.1	77.1	77.1	77.1
≥ 1800	60.6	70.2	73.7	75.4	76.8	77.1	77.4	77.6	77.6	77.6	77.7	77.7	77.9	77.9	77.9	77.9
≥ 1500	61.9	72.9	76.7	79.1	80.8	81.1	81.4	81.6	81.6	81.6	81.7	81.7	81.9	81.9	81.9	81.9
≥ 1200	62.7	74.9	79.1	82.3	84.4	84.7	85.4	85.7	85.7	85.7	85.8	85.8	86.0	86.0	86.0	86.0
≥ 1000	62.7	75.1	79.8	83.6	86.3	86.9	87.6	88.1	88.1	88.2	88.3	88.3	88.6	88.6	88.6	88.6
≥ 900	62.7	75.2	79.9	83.8	86.6	87.2	87.9	88.3	88.3	88.5	88.6	88.6	88.9	88.9	88.9	88.9
≥ 800	62.7	75.2	79.9	84.2	87.2	87.9	88.6	89.2	89.2	89.4	89.7	89.7	90.1	90.1	90.1	90.1
≥ 700	62.7	75.2	79.9	84.8	87.9	88.6	89.7	90.4	90.4	90.7	91.2	91.2	91.6	91.6	91.6	91.6
≥ 600	62.7	75.2	79.9	85.1	88.2	89.1	90.6	91.4	91.4	91.9	92.3	92.3	92.8	92.8	92.9	92.9
≥ 500	62.7	75.4	80.1	85.3	88.3	89.2	91.9	93.1	93.1	93.5	94.0	94.0	94.8	94.8	95.0	95.0
≥ 400	62.7	75.4	80.1	85.3	88.3	89.2	91.9	93.7	93.7	94.8	95.6	95.6	96.6	96.6	96.8	96.9
≥ 300	62.7	75.4	80.1	85.3	88.3	89.2	91.9	93.8	94.0	95.4	96.9	96.9	97.9	97.9	98.1	98.2
≥ 200	62.7	75.4	80.1	85.3	88.3	89.2	91.9	93.8	94.0	95.4	97.1	97.1	98.5	98.5	99.3	99.4
≥ 100	62.7	75.4	80.1	85.3	88.3	89.2	91.9	93.8	94.0	95.4	97.2	97.2	98.7	98.7	99.6	99.7
≥ 0	62.7	75.4	80.1	85.3	88.3	89.2	91.9	93.8	94.0	95.4	97.2	97.2	98.7	98.7	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 676

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7947 — STATION
KANSAS CITY INTL MO — STATION NAME
74-81 — YEARS
FEB — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 — HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.7	49.6	50.6	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 20000	50.3	54.7	55.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000	50.3	54.7	55.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.
≥ 17000	50.3	54.7	55.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.
≥ 16000	51.0	55.8	56.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.
≥ 15000	52.5	58.0	59.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.
≥ 14000	53.5	59.6	60.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.
≥ 13000	53.7	60.0	61.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.
≥ 12000	54.4	61.2	62.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.
≥ 11000	55.2	62.1	63.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.
≥ 10000	55.8	63.1	64.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.
≥ 9000	56.2	63.7	64.7	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.
≥ 8000	56.5	64.2	65.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.
≥ 7000	57.1	65.0	66.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.3	68.3	68.3	68.
≥ 6000	57.4	65.9	67.3	68.7	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.3	69.3	69.3	69.
≥ 5000	58.1	67.8	69.3	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.2	71.2	71.5	71.5	71.5	71.
≥ 4500	59.1	69.9	71.7	73.3	73.9	74.0	74.0	74.0	74.0	74.0	74.3	74.3	74.6	74.6	74.6	74.
≥ 4000	61.2	73.0	74.9	76.5	77.1	77.3	77.3	77.3	77.3	77.3	77.6	77.6	77.9	77.9	77.9	77.
≥ 3500	61.7	73.5	75.5	77.3	77.9	78.2	78.2	78.2	78.2	78.2	78.5	78.5	78.8	78.8	78.8	78.
≥ 3000	63.1	76.7	79.5	81.9	82.7	83.0	83.2	83.2	83.2	83.2	83.5	83.5	83.8	83.8	83.8	83.
≥ 2500	63.9	78.2	81.4	84.4	85.3	85.7	85.8	86.0	86.0	86.0	86.3	86.3	86.6	86.6	86.6	86.
≥ 2000	63.9	78.9	82.7	86.0	87.3	87.8	88.1	88.2	88.2	88.2	88.5	88.5	88.8	88.8	88.8	88.
≥ 1800	63.9	78.9	82.9	86.1	87.6	88.3	88.8	88.9	88.9	89.2	89.5	89.5	89.8	89.8	89.8	89.
≥ 1500	63.9	78.9	82.9	86.1	87.8	88.8	89.5	89.8	89.8	90.3	90.7	90.7	91.0	91.0	91.0	91.
≥ 1200	63.9	79.1	83.0	86.4	88.1	89.1	90.0	90.4	90.4	90.9	91.3	91.3	91.7	91.7	91.7	91.
≥ 1000	63.9	79.4	83.3	86.9	88.6	90.0	91.6	92.2	92.2	92.9	93.7	93.7	94.1	94.1	94.1	94.
≥ 900	63.9	79.4	83.3	86.9	88.8	90.4	92.8	93.4	93.4	94.4	95.1	95.1	95.6	95.6	95.6	95.
≥ 800	63.9	79.4	83.3	86.9	88.9	90.6	93.1	93.8	93.8	95.3	96.2	96.2	96.6	96.6	96.6	96.
≥ 700	63.9	79.4	83.3	86.9	89.1	90.7	93.2	94.1	94.1	95.7	96.9	96.9	97.8	97.8	98.1	98.
≥ 600	63.9	79.4	83.3	86.9	89.1	90.7	93.2	94.1	94.1	95.7	97.1	97.1	97.9	97.9	98.8	99.
≥ 500	63.9	79.4	83.3	86.9	89.1	90.7	93.2	94.1	94.1	95.7	97.2	97.2	98.2	98.2	99.4	100.
≥ 400	63.9	79.4	83.3	86.9	89.1	90.7	93.2	94.1	94.1	95.7	97.2	97.2	98.2	98.2	99.4	100.
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 67

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 47 — STATION
KANSAS CITY INTL MO — STATION NAME
74-81 — YEARS
FEB — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000 — HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	51.6	53.8	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.9
≥ 20000	55.8	58.6	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.6
≥ 18000	56.0	58.8	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9
≥ 17000	56.0	58.8	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9
≥ 14000	56.3	59.6	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6
≥ 12000	58.3	61.1	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2
≥ 10000	59.6	62.8	63.6	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2
≥ 9000	60.2	63.4	64.2	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7
≥ 8000	60.6	64.0	64.7	65.0	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3
≥ 7000	61.5	65.2	65.9	66.4	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8
≥ 6000	63.0	67.0	67.8	68.3	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.9
≥ 5000	63.4	67.4	68.3	68.9	69.2	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
≥ 4500	64.5	68.7	69.8	70.4	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1
≥ 4000	65.3	69.8	70.9	71.5	71.8	71.8	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4
≥ 3500	65.9	70.9	72.1	72.7	73.0	73.0	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6
≥ 3000	66.4	71.8	73.0	73.6	73.9	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.5
≥ 2500	67.3	73.3	74.8	75.5	75.8	75.8	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4
≥ 2000	68.3	74.9	76.4	77.1	77.4	77.4	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥ 1800	68.4	75.5	77.1	77.9	78.3	78.3	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
≥ 1500	70.9	79.2	81.3	82.2	82.7	82.9	83.6	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
≥ 1200	71.1	80.4	82.7	83.9	84.7	84.8	85.5	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.6
≥ 1000	71.9	81.3	83.9	85.8	87.0	87.2	88.1	88.9	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.5
≥ 900	71.9	81.3	83.9	86.0	87.3	87.9	88.8	89.8	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.4
≥ 800	71.9	81.4	84.1	86.3	87.9	88.5	90.0	91.3	91.3	91.9	91.9	91.9	91.9	91.9	91.9	92.0
≥ 700	71.8	81.7	84.4	86.6	88.2	88.8	90.6	91.9	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.8
≥ 600	71.8	81.7	84.4	86.6	88.2	88.8	90.6	91.9	91.9	92.8	93.1	93.1	93.1	93.1	93.1	93.2
≥ 500	71.8	81.9	84.5	86.7	88.6	89.2	91.4	93.1	93.1	94.2	94.5	94.5	94.7	94.7	94.7	94.8
≥ 400	71.8	81.9	84.5	86.7	88.6	89.4	91.7	93.5	93.5	95.0	95.4	95.4	95.7	95.7	95.7	95.9
≥ 300	71.8	81.9	84.5	86.7	88.6	89.5	91.9	93.7	93.7	95.9	96.5	96.5	96.9	96.9	96.9	97.1
≥ 200	71.8	81.9	84.5	86.7	88.6	89.5	91.9	94.0	94.0	96.6	97.6	97.6	98.1	98.2	98.7	99.1
≥ 100	71.8	81.9	84.5	86.7	88.6	89.5	91.9	94.0	94.0	96.6	97.6	97.6	98.1	98.2	98.8	99.7
≥ 0	71.8	81.9	84.5	86.7	88.6	89.5	91.9	94.0	94.0	96.6	97.6	97.6	98.1	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 67[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947 — STATION
KANSAS CITY INTL MO — STATION NAME
74-81 — YEARS
FEB — MONTH
0100-2300 — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.7	54.9	55.2	55.6	55.6	55.6	55.8	55.8	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 20000	54.6	56.8	57.1	57.5	57.5	57.5	57.7	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	55.1	57.2	57.5	58.0	58.0	58.0	58.1	58.1	58.1	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 16000	55.0	57.2	57.5	58.0	58.0	58.0	58.1	58.1	58.1	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 14000	55.3	57.5	57.8	58.3	58.3	58.3	58.4	58.4	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 12000	56.6	58.8	59.1	59.6	59.6	59.6	59.7	59.7	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 10000	58.1	60.6	60.9	61.4	61.4	61.4	61.5	61.5	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000	58.6	61.2	61.5	62.1	62.1	62.1	62.2	62.2	62.2	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 8000	59.6	62.4	62.7	63.3	63.3	63.3	63.4	63.4	63.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 7000	61.1	63.9	64.2	64.7	64.7	64.7	64.9	64.9	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 6000	62.7	65.5	66.2	67.0	67.0	67.0	67.1	67.1	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 5000	63.4	66.2	67.3	67.7	67.7	67.7	67.8	67.8	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 4500	64.6	67.6	68.3	69.0	69.0	69.0	69.2	69.2	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4000	65.9	69.0	69.8	70.5	70.5	70.5	70.6	70.6	70.6	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 3500	66.8	69.9	70.6	71.4	71.4	71.4	71.5	71.5	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3000	67.8	71.2	72.0	72.7	72.7	72.7	72.9	72.9	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 2500	69.0	73.6	74.3	75.2	75.2	75.2	75.4	75.4	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 2000	70.6	75.8	76.7	77.6	77.6	77.6	77.7	77.7	77.7	78.2	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1800	71.7	77.1	78.3	79.2	79.2	79.2	79.4	79.5	79.5	79.9	80.2	80.2	80.2	80.2	80.2	80.2
≥ 1500	74.2	80.1	81.4	82.4	82.4	82.4	82.9	83.2	83.2	83.8	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1200	75.5	82.2	83.6	85.3	85.5	85.7	86.3	86.6	86.6	87.2	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1000	76.4	83.2	84.6	86.7	87.3	87.6	88.2	88.6	88.6	89.4	89.7	89.7	89.7	89.7	89.7	89.7
≥ 900	76.5	83.3	85.1	87.3	88.1	88.3	88.9	89.4	89.4	90.1	90.4	90.4	90.4	90.4	90.4	90.4
≥ 800	76.7	83.5	85.3	87.8	88.6	88.9	89.8	90.3	90.3	91.0	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700	76.8	83.6	85.4	88.1	89.2	89.8	91.0	91.6	91.6	92.3	92.6	92.6	92.8	92.8	92.8	92.8
≥ 600	76.8	83.6	85.5	88.2	90.0	90.7	91.9	92.8	92.8	93.5	93.8	93.8	94.0	94.0	94.0	94.0
≥ 500	76.8	83.6	85.5	88.2	91.0	91.9	93.4	94.2	94.2	95.0	95.6	95.6	95.7	95.7	95.7	95.7
≥ 400	76.8	83.8	85.7	88.3	91.2	92.2	93.8	94.7	94.7	95.4	96.0	96.0	96.2	96.2	96.2	96.2
≥ 300	76.8	83.8	85.7	88.3	91.2	92.6	94.2	95.1	95.1	95.9	96.5	96.5	96.9	96.9	96.9	96.9
≥ 200	76.8	83.8	85.7	88.3	91.2	92.8	94.4	95.4	95.4	96.5	97.1	97.1	97.9	97.9	97.9	97.9
≥ 100	76.8	83.8	85.7	88.3	91.2	92.8	94.4	95.6	95.6	96.9	97.6	97.6	98.7	98.7	99.0	99.0
= 0	76.8	83.8	85.7	88.3	91.2	92.8	94.4	95.6	95.6	96.9	97.6	97.6	98.7	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 673

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 | KANSAS CITY INTL MO | 74-81 | FEB

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	47.4	50.9	51.9	52.6	52.8	52.8	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.2
≥ 20000	50.3	54.6	55.7	56.5	56.6	56.7	56.7	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	50.9	54.8	55.9	56.6	56.8	56.8	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.2
≥ 16000	50.9	54.8	55.9	56.6	56.8	56.8	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.2
≥ 14000	51.6	55.5	56.6	57.4	57.5	57.6	57.6	57.7	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9
≥ 12000	52.7	56.7	57.8	58.6	58.8	58.8	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.2
≥ 10000	54.2	58.6	59.7	60.5	60.7	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.1	61.1
≥ 9000	54.7	59.2	60.4	61.2	61.4	61.4	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8
≥ 8000	55.7	60.4	61.6	62.4	62.6	62.7	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.1	63.1
≥ 7000	56.7	61.5	62.7	63.6	63.9	63.9	64.0	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.4	64.4
≥ 6000	57.7	62.9	63.8	64.7	65.1	65.2	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.6
≥ 5000	58.3	63.2	64.5	65.4	65.8	65.9	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.3
≥ 4500	59.1	64.2	65.6	66.6	66.9	67.0	67.1	67.2	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4
≥ 4000	60.0	65.3	66.7	67.7	68.1	68.2	68.4	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.8
≥ 3500	60.9	66.3	67.9	68.9	69.3	69.4	69.5	69.6	69.7	69.8	69.8	69.8	69.9	69.9	69.9	70.0
≥ 3000	61.8	67.5	69.2	70.3	70.7	70.8	71.0	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.5
≥ 2500	63.1	69.5	71.3	72.5	73.1	73.2	73.5	73.6	73.7	73.8	73.8	73.9	73.9	73.9	73.9	74.0
≥ 2000	64.8	71.8	73.7	75.1	75.7	75.9	76.2	76.4	76.4	76.5	76.7	76.7	76.7	76.7	76.7	76.9
≥ 1800	65.4	72.6	74.7	76.2	76.9	77.1	77.5	77.7	77.8	77.9	78.0	78.0	78.0	78.0	78.1	78.1
≥ 1500	67.2	75.4	77.7	79.6	80.5	80.8	81.3	81.6	81.6	81.7	81.8	81.8	81.9	81.9	81.9	82.0
≥ 1200	68.3	77.4	80.2	82.5	83.6	83.9	84.5	84.8	84.9	85.0	85.1	85.1	85.2	85.2	85.2	85.3
≥ 1000	68.9	78.5	81.7	84.3	85.8	86.1	86.8	87.3	87.3	87.6	87.7	87.7	87.8	87.8	87.8	87.8
≥ 900	69.2	78.8	82.1	84.9	86.5	87.0	87.7	88.2	88.3	88.5	88.6	88.6	88.7	88.7	88.7	88.8
≥ 800	69.3	79.0	82.3	85.4	87.2	87.8	88.6	89.2	89.3	89.7	89.8	89.8	89.9	89.9	89.9	90.0
≥ 700	69.4	79.2	82.6	85.8	88.0	88.6	89.7	90.4	90.4	90.9	91.0	91.0	91.1	91.1	91.2	91.2
≥ 600	69.4	79.3	82.8	86.1	88.5	89.3	90.6	91.4	91.4	92.0	92.2	92.2	92.3	92.3	92.4	92.5
≥ 500	69.4	79.4	82.9	86.3	89.0	90.0	91.7	92.6	92.7	93.5	93.7	93.7	94.0	94.0	94.0	94.1
≥ 400	69.4	79.5	82.9	86.4	89.3	90.4	92.3	93.5	93.6	94.7	95.1	95.1	95.4	95.4	95.5	95.6
≥ 300	69.4	79.5	82.9	86.4	89.3	90.5	92.5	93.9	94.1	95.6	96.4	96.4	96.8	96.8	97.0	97.1
≥ 200	69.4	79.5	82.9	86.4	89.3	90.5	92.5	94.0	94.2	96.0	96.9	96.9	97.7	97.7	98.1	98.4
≥ 100	69.4	79.5	82.9	86.4	89.3	90.5	92.5	94.0	94.2	96.1	97.2	97.2	98.1	98.1	98.9	99.4
≥ 0	69.4	79.5	82.9	86.4	89.3	90.5	92.5	94.0	94.2	96.1	97.2	97.2	98.1	98.2	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5422

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947 (STATION) | KANSAS CITY INTL MO (STATION NAME) | 74-81 (YEARS) | MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.5	55.0	55.0	55.1	55.1	55.1	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 20000	55.5	57.3	57.3	57.5	57.5	57.5	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000	55.6	57.4	57.4	57.7	57.7	57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 17000	55.6	57.4	57.4	57.7	57.7	57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	55.6	57.7	57.7	57.9	57.9	57.9	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 12000	56.6	58.6	58.6	59.0	59.0	59.0	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 10000	58.3	60.3	60.3	60.8	60.8	60.8	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 9000	59.8	61.8	61.8	62.2	62.2	62.2	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 8000	61.6	63.6	63.6	64.0	64.0	64.0	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 7000	63.3	65.2	65.2	65.7	65.7	65.7	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 6000	64.4	66.5	66.5	67.1	67.1	67.1	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 5000	65.5	67.6	67.6	68.1	68.1	68.1	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4500	67.3	69.5	69.5	70.0	70.0	70.0	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 4000	68.4	70.6	70.6	71.1	71.1	71.1	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	69.6	72.3	72.3	72.8	72.8	72.8	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3000	71.2	74.1	74.1	74.6	74.7	74.7	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 2500	72.8	75.8	75.8	76.3	76.5	76.5	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 2000	74.6	77.6	77.6	78.1	78.4	78.4	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 1800	75.7	78.8	78.9	79.7	80.0	80.0	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1500	78.1	81.6	81.7	82.8	83.1	83.1	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1200	80.1	84.5	84.7	85.8	86.2	86.2	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1000	82.1	87.2	87.4	88.4	88.8	88.8	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 900	82.7	87.8	88.0	89.1	89.5	89.5	89.8	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 800	83.2	89.0	89.4	90.5	91.0	91.0	91.3	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 700	83.7	89.7	90.3	91.4	92.2	92.3	92.6	93.0	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3
≥ 600	84.0	89.9	90.6	91.8	92.6	92.9	93.1	93.5	93.5	93.7	93.8	93.8	93.8	93.8	94.0	94.0
≥ 500	84.7	90.7	91.7	93.4	94.2	94.6	95.2	95.7	95.7	95.8	96.1	96.1	96.1	96.1	96.2	96.2
≥ 400	84.7	90.9	91.9	93.8	94.8	95.2	95.8	96.5	96.5	96.6	96.9	96.9	96.9	96.9	97.0	97.0
≥ 300	84.7	90.9	91.9	94.0	95.3	95.7	96.5	97.6	97.7	98.0	98.3	98.3	98.3	98.3	98.4	98.5
≥ 200	84.7	90.9	91.9	94.0	95.3	95.7	96.5	97.8	98.0	98.3	98.5	98.5	98.8	98.8	98.9	99.2
≥ 100	84.7	90.9	91.9	94.0	95.3	95.7	96.5	97.8	98.0	98.3	98.5	98.5	99.1	99.1	99.3	99.6
≥ 0	84.7	90.9	91.9	94.0	95.3	95.7	96.5	97.8	98.0	98.3	98.5	98.5	99.1	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.9	53.9	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	54.4	57.4	57.7	57.8	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	54.4	57.4	57.7	57.8	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000	54.4	57.4	57.7	57.8	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	54.6	57.5	57.9	58.1	58.2	58.3	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 12000	55.9	59.0	59.4	59.5	59.7	59.8	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 10000	57.0	60.1	60.5	60.6	60.8	60.9	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 9000	58.6	61.7	62.5	62.6	62.8	62.9	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	60.3	63.6	64.4	64.5	64.7	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 7000	62.8	65.9	66.7	66.8	66.9	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 6000	64.4	67.5	68.3	68.4	68.5	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 5000	65.3	68.4	69.2	69.4	69.5	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4500	67.1	70.2	71.0	71.1	71.2	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4000	67.7	70.8	71.6	71.8	71.9	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	68.7	71.8	72.6	72.7	72.8	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3000	69.6	72.7	73.5	73.7	73.8	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2500	71.4	74.7	75.7	75.8	75.9	76.1	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 2000	72.8	76.5	77.4	77.6	77.7	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1800	73.5	77.6	78.5	78.6	78.9	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1500	75.3	79.8	80.8	81.0	81.5	81.6	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1200	77.1	82.0	82.9	83.5	84.0	84.1	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1000	79.2	84.1	85.1	85.8	86.3	86.4	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 900	79.4	84.4	85.3	86.2	86.7	86.8	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 800	79.9	84.9	86.2	87.4	87.9	88.0	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 700	80.2	85.6	87.1	88.6	89.1	89.2	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 600	80.5	86.7	88.6	90.1	90.7	90.9	91.9	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 500	80.8	87.1	89.1	91.3	92.2	92.3	93.7	94.5	94.5	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 400	80.8	87.6	89.8	92.1	93.0	93.1	94.8	95.6	95.6	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 300	80.9	87.8	90.1	92.3	93.3	93.4	95.3	96.8	96.8	97.6	97.7	97.7	98.1	98.1	98.1	98.1
≥ 200	80.9	87.8	90.1	92.3	93.4	93.5	95.4	96.9	96.9	97.8	98.0	98.0	98.5	98.5	98.5	98.8
≥ 100	80.9	87.8	90.1	92.3	93.4	93.5	95.4	96.9	96.9	97.8	98.1	98.1	98.7	98.8	98.8	99.1
≥ 0	80.9	87.8	90.1	92.3	93.4	93.5	95.4	96.9	96.9	97.8	98.1	98.1	98.7	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947	KANSAS CITY INTL MO	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.6	41.0	42.5	44.4	44.4	44.4	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 20000	42.6	47.2	49.1	51.2	51.2	51.2	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 18000	42.6	47.2	49.1	51.2	51.2	51.2	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 16000	42.6	47.2	49.1	51.2	51.2	51.2	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000	43.3	47.8	49.7	51.9	51.9	51.9	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000	44.3	49.7	51.7	53.9	53.9	53.9	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 10000	46.0	51.3	53.5	55.6	55.6	55.6	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 9000	47.4	52.8	55.0	57.1	57.1	57.1	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 8000	48.4	53.9	56.2	58.3	58.5	58.5	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 7000	50.1	55.6	57.9	60.1	60.3	60.3	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 6000	51.7	57.5	59.8	62.0	62.5	62.5	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 5000	53.6	59.5	61.8	64.0	64.5	64.7	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 4500	54.4	60.5	62.8	64.9	65.5	65.6	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 4000	55.3	62.1	64.4	66.5	67.2	67.3	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3500	56.5	62.9	65.2	67.3	68.0	68.1	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3000	57.9	64.8	67.1	69.2	70.0	70.2	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 2500	58.6	65.6	68.1	70.4	71.2	71.4	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 2000	60.6	68.0	70.8	73.1	73.9	74.1	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1800	61.3	68.8	71.6	74.1	74.9	75.0	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1500	64.8	73.1	76.5	79.3	80.2	80.4	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7
≥ 1200	65.6	74.6	78.2	81.0	82.0	82.1	83.2	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.6	83.6
≥ 1000	66.5	75.9	80.0	83.2	84.1	84.3	85.5	85.6	85.6	85.6	85.6	85.6	85.9	85.9	86.0	86.0
≥ 900	66.7	76.3	80.8	84.1	85.2	85.5	86.8	87.0	87.0	87.0	87.0	87.0	87.2	87.2	87.4	87.4
≥ 800	66.8	76.7	81.5	84.9	86.3	86.8	88.3	88.4	88.4	88.4	88.4	88.4	88.7	88.7	88.8	88.9
≥ 700	66.8	76.9	81.7	85.6	87.0	87.8	89.4	89.5	89.5	89.5	89.5	89.5	89.9	89.9	90.1	90.1
≥ 600	66.9	76.9	82.3	86.2	87.6	88.4	90.3	90.5	90.5	90.5	90.5	90.5	90.9	90.9	91.0	91.0
≥ 500	66.9	77.2	82.8	86.8	88.6	89.4	91.9	92.2	92.2	92.3	92.5	92.5	93.0	93.0	93.1	93.1
≥ 400	66.9	77.2	82.8	87.1	89.1	89.9	92.5	93.0	93.0	93.5	93.7	93.7	94.2	94.2	94.4	94.4
≥ 300	66.9	77.2	82.8	87.4	89.4	90.2	92.7	93.8	94.0	94.6	94.9	94.9	95.8	95.8	96.0	96.0
≥ 200	66.9	77.2	82.8	87.4	89.4	90.2	92.7	94.0	94.2	95.0	95.8	95.8	97.2	97.2	97.8	98.3
≥ 100	66.9	77.2	82.8	87.4	89.4	90.2	92.7	94.0	94.4	95.2	96.0	96.0	97.4	97.4	98.3	98.9
≥ 0	66.9	77.2	82.8	87.4	89.4	90.2	92.7	94.0	94.4	95.2	96.0	96.0	97.6	97.6	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03947	KANSAS CITY INTL MO	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	40.2	46.4	47.6	47.9	47.9	47.9	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 20000	43.9	50.3	51.5	51.8	51.8	52.1	52.6	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 18000	44.0	50.6	51.8	52.1	52.1	52.4	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 17000	44.0	50.6	51.8	52.1	52.1	52.4	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 14000	44.4	51.1	52.4	52.6	52.6	52.9	53.4	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 12000	46.3	53.8	55.0	55.5	55.6	55.9	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 10000	48.2	56.0	57.2	57.6	57.7	58.0	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 9000	48.9	56.7	57.9	58.4	58.5	58.8	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 8000	49.4	57.2	58.8	59.5	59.8	60.0	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 7000	49.9	58.1	60.0	60.8	61.2	61.5	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 6000	50.7	59.1	61.0	61.8	62.4	62.7	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 5000	51.8	60.8	62.7	63.5	64.3	64.6	65.1	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 4500	52.0	61.2	63.1	63.9	64.7	65.0	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 4000	53.2	62.9	64.7	65.5	66.4	66.6	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 3500	53.3	63.3	65.1	65.9	66.8	67.0	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 3000	54.9	65.7	67.7	68.6	69.6	69.9	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 2500	55.9	67.0	69.4	70.4	71.7	72.0	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 2000	56.9	68.6	71.1	72.4	73.8	74.3	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1800	57.3	69.3	72.0	73.6	75.0	75.5	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 1500	59.1	72.5	76.0	78.2	79.5	80.2	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1200	60.2	75.6	79.4	82.2	83.7	84.5	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1000	60.3	76.2	80.6	83.7	85.5	86.3	87.2	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 900	60.3	76.4	80.9	84.0	85.7	86.9	87.9	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 800	60.3	76.6	81.1	84.3	86.3	87.6	88.7	88.8	88.8	89.0	89.0	89.0	89.1	89.1	89.1	89.1
≥ 700	60.3	77.3	82.1	85.3	87.6	89.1	90.6	90.7	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 600	60.3	77.3	82.2	85.5	87.9	89.5	91.3	91.7	91.8	92.1	92.1	92.1	92.2	92.2	92.2	92.2
≥ 500	60.4	77.4	82.4	85.6	88.2	89.9	91.8	92.7	92.9	93.5	93.5	93.5	93.8	93.8	93.8	93.8
≥ 400	60.4	77.7	82.6	86.0	88.7	90.4	92.6	94.1	94.3	95.3	95.4	95.4	95.7	95.7	95.7	95.7
≥ 300	60.4	77.7	82.6	86.0	88.8	90.6	92.7	94.3	94.6	96.1	96.5	96.5	96.9	96.9	96.9	96.9
≥ 200	60.4	77.7	82.6	86.0	88.8	90.6	92.7	94.5	94.8	96.2	96.6	96.8	97.7	97.7	98.0	98.5
≥ 100	60.4	77.7	82.6	86.0	88.8	90.6	92.7	94.5	94.8	96.2	96.6	96.8	97.8	97.8	98.3	99.3
≥ 0	60.4	77.7	82.6	86.0	88.8	90.6	92.7	94.5	94.8	96.4	96.8	96.9	98.0	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047	KANSAS CITY INTL MO	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	44.6	48.3	48.7	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 20000	49.1	53.1	53.6	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 18000	49.1	53.1	53.6	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 16000	49.1	53.1	53.6	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 14000	49.2	53.5	54.0	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 12000	50.7	55.9	56.6	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 10000	52.9	58.3	59.0	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
> 9000	53.9	59.7	60.5	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 8000	54.4	60.3	61.6	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 7000	55.3	61.2	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 6000	55.3	61.4	62.8	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 5000	55.5	62.1	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 4500	55.6	62.6	64.0	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 4000	56.7	64.0	65.5	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 3500	58.2	65.9	67.3	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 3000	60.5	69.2	70.8	71.1	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 2500	61.4	71.0	72.7	73.0	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 2000	63.7	74.6	76.7	77.2	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1800	64.8	75.9	78.2	78.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1500	67.2	79.3	81.7	82.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1200	68.5	82.3	84.8	85.8	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1000	68.7	82.5	85.5	86.6	88.3	88.4	88.7	88.7	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0
≥ 900	69.0	83.1	86.3	87.5	89.4	89.8	9 .2	90.2	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5
≥ 800	69.3	83.6	87.0	88.3	90.5	91.0	91.5	91.5	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 700	69.1	83.7	87.1	88.6	90.7	91.3	92.2	92.7	92.7	93.0	93.1	93.1	93.4	93.4	93.4	93.4
≥ 600	69.1	83.9	87.2	88.7	91.1	91.8	93.0	93.7	93.7	94.1	94.2	94.2	94.5	94.5	94.5	94.5
≥ 500	69.4	84.1	87.5	89.1	91.7	92.5	94.1	95.4	95.7	96.4	96.6	96.6	96.9	96.9	96.9	96.9
≥ 400	69.4	84.3	87.6	89.4	91.9	92.7	94.4	95.7	96.1	96.8	97.2	97.2	97.6	97.6	97.6	97.6
≥ 300	69.4	84.3	87.6	89.4	91.9	92.7	94.5	96.0	96.4	97.3	97.8	97.8	98.3	98.3	98.3	98.4
≥ 200	69.4	84.3	87.6	89.4	91.9	92.7	94.5	96.0	96.4	97.6	98.1	98.1	99.2	99.2	99.3	99.6
≥ 100	69.4	84.3	87.6	89.4	91.9	92.7	94.5	96.0	96.4	97.6	98.1	98.1	99.3	99.3	99.6	100.0
≥ 0	69.4	84.3	87.6	89.4	91.9	92.7	94.5	96.0	96.4	97.6	98.1	98.1	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	47.4	50.1	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 20000	54.2	57.3	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 18000	54.4	57.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 17000	54.4	57.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 14000	54.7	57.8	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	55.6	59.0	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 10000	57.1	60.8	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 9000	58.2	62.0	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 8000	58.9	62.9	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 7000	59.4	63.6	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 6000	59.7	64.0	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 5000	59.9	64.5	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 4500	60.6	65.9	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 4000	61.4	67.2	68.5	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3500	62.8	69.0	70.3	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 3000	64.4	71.5	73.0	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 2500	66.4	74.5	76.1	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 2000	69.0	78.4	80.0	80.5	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 1800	69.4	79.0	80.6	81.3	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1500	71.6	82.7	84.3	85.1	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1200	72.8	84.7	87.0	88.3	88.7	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1000	73.4	85.5	87.9	89.5	90.1	90.6	91.0	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3
≥ 900	73.4	86.0	88.4	90.5	91.0	91.5	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	73.4	86.2	89.1	91.3	91.9	92.6	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 700	73.4	86.2	89.2	91.4	92.2	93.3	94.5	94.9	94.9	94.9	95.3	95.3	95.4	95.4	95.4	95.4
≥ 600	73.4	86.2	89.2	91.5	92.5	93.5	95.0	95.4	95.4	95.6	96.0	96.0	96.4	96.4	96.4	96.4
≥ 500	73.4	86.3	89.4	91.7	92.6	93.8	95.3	96.2	96.4	96.8	97.2	97.2	97.6	97.6	97.6	97.6
≥ 400	73.4	86.3	89.4	91.8	92.7	94.0	95.6	96.5	96.6	97.0	97.4	97.4	98.1	98.1	98.1	98.1
≥ 300	73.4	86.3	89.4	91.8	92.7	94.0	95.7	96.6	96.8	97.4	97.8	98.0	98.9	98.9	98.9	98.9
≥ 200	73.4	86.3	89.4	91.9	92.9	94.1	95.8	96.8	96.9	97.7	98.1	98.3	99.2	99.3	99.6	99.6
≥ 100	73.4	86.3	89.4	91.9	92.9	94.1	95.8	96.8	96.9	97.7	98.1	98.3	99.2	99.3	99.7	99.7
≥ 0	73.4	86.3	89.4	91.9	92.9	94.1	95.8	96.8	96.9	97.7	98.1	98.3	99.5	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	52.1	54.6	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000	56.5	59.6	60.0	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 18000	56.7	59.8	60.2	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 16000	56.7	59.8	60.2	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 14000	57.1	60.2	60.6	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 12000	58.3	61.5	61.9	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 10000	60.7	64.2	64.6	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 9000	62.3	65.8	66.2	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 8000	62.9	66.5	66.9	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 7000	65.1	68.8	69.4	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 6000	65.7	69.3	70.0	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 5000	66.5	70.3	70.9	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 4500	67.6	71.5	72.1	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4000	68.4	73.4	74.0	74.2	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3500	69.4	74.6	75.5	75.6	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3000	71.2	77.0	77.9	78.1	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500	72.7	78.6	79.7	79.9	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2000	74.8	81.2	82.9	83.4	84.0	84.0	84.0	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1800	75.9	82.8	84.5	85.2	85.7	85.7	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1500	77.1	85.5	87.2	88.0	88.7	88.7	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.	
≥ 1200	77.4	86.3	88.3	89.5	90.3	90.3	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1000	78.1	87.6	89.6	91.0	91.9	91.9	92.3	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	78.2	87.9	89.9	91.5	92.6	92.6	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	78.5	88.3	90.3	92.3	93.5	93.5	94.1	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700	78.5	88.6	91.1	93.1	94.3	94.9	95.8	96.1	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	78.5	88.7	91.3	93.5	94.8	95.3	96.4	96.6	96.9	97.3	97.3	97.3	97.7	97.7	97.7	97.7
≥ 500	78.5	88.7	91.3	93.7	94.9	95.6	96.6	97.0	97.3	97.8	97.8	97.8	98.3	98.3	98.3	98.3
≥ 400	78.5	88.7	91.3	93.7	94.9	95.6	96.6	97.0	97.3	98.0	98.0	98.0	98.4	98.4	98.4	98.4
≥ 300	78.5	88.7	91.3	93.7	95.0	95.7	96.9	97.3	97.6	98.7	98.7	98.7	99.5	99.5	99.5	99.5
≥ 200	78.5	88.7	91.3	93.7	95.0	95.7	96.9	97.3	97.6	98.7	98.7	98.7	99.5	99.5	99.6	99.6
≥ 100	78.5	88.7	91.3	93.7	95.0	95.7	96.9	97.3	97.6	98.7	98.7	98.7	99.5	99.5	99.6	99.9
≥ 0	78.5	88.7	91.3	93.7	95.0	95.7	96.9	97.3	97.6	98.7	98.7	98.7	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3347	KANSAS CITY INTL MO	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥5/16	≥0
NO CEILING	57.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 20000	59.5	61.0	61.0	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 18000	59.5	61.0	61.0	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 14000	59.5	61.0	61.0	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 12000	59.9	61.4	61.4	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 10000	61.3	62.8	62.8	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 9000	62.6	64.4	64.5	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 8000	63.6	65.3	65.5	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 7000	65.3	67.1	67.2	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 6000	66.7	68.8	69.0	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 5000	67.9	69.8	69.9	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500	68.3	70.4	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4000	69.4	71.8	72.0	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3500	70.6	73.7	74.1	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3000	71.6	74.7	75.1	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 2500	72.7	76.5	76.9	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2000	74.2	78.2	78.6	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1800	76.9	81.2	81.7	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1500	78.1	82.7	83.2	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1200	80.5	86.0	86.8	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	82.3	88.2	89.1	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	82.9	89.1	90.3	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 800	83.1	89.5	90.9	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 700	83.7	90.3	91.9	94.0	94.2	94.5	94.5	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	83.7	90.3	92.1	94.1	94.8	95.0	95.0	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 500	83.7	90.5	92.2	94.5	95.4	95.7	95.8	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 400	83.7	90.6	92.3	95.3	96.2	96.5	96.6	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	83.7	90.6	92.4	95.3	96.5	96.8	97.3	97.4	97.4	98.1	98.1	98.1	98.3	98.3	98.3	98.3
≥ 200	83.7	90.6	92.3	95.3	96.6	96.9	97.4	97.6	97.6	98.5	98.7	98.7	98.8	98.8	98.8	98.8
≥ 100	83.7	90.6	92.3	95.3	96.6	96.9	97.4	97.6	97.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9
≥ 0	83.7	90.6	92.3	95.3	96.6	96.9	97.4	97.6	97.6	98.7	98.8	98.8	98.9	98.9	99.5	99.6
	83.7	90.6	92.3	95.3	96.6	96.9	97.4	97.6	97.6	98.7	98.8	98.8	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.3	51.0	51.6	51.9	51.9	51.9	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 20000	52.0	55.4	56.1	56.5	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000	52.1	55.5	56.2	56.6	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 9000	52.1	55.5	56.2	56.6	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 14000	52.4	55.9	56.6	57.0	57.1	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 12000	53.7	57.5	58.3	58.7	58.8	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 10000	55.3	59.4	60.2	60.6	60.7	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 9000	56.6	60.7	61.5	62.0	62.1	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 8000	57.7	61.9	62.8	63.3	63.5	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 7000	59.0	63.4	64.4	65.0	65.2	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 6000	59.9	64.4	65.4	66.0	66.3	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 5000	60.8	65.5	66.5	67.1	67.4	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4500	61.7	66.6	67.7	68.3	68.6	68.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 4000	62.8	68.1	69.2	69.7	70.1	70.2	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 3500	63.8	69.3	70.4	71.0	71.3	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 3000	65.3	71.4	72.6	73.2	73.6	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 2500	66.7	73.2	74.5	75.2	75.6	75.7	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2000	68.7	75.7	77.3	78.1	78.7	78.8	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 1800	69.5	76.9	78.5	79.5	80.1	80.2	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1500	71.7	80.1	81.9	83.2	83.9	84.0	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1200	73.0	82.3	84.3	85.8	86.6	86.8	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1000	73.9	83.5	85.8	87.5	88.4	88.7	89.2	89.3	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 900	74.1	83.9	86.3	88.2	89.1	89.5	90.1	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 800	74.3	84.5	87.0	89.1	90.2	90.6	91.3	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 700	74.5	84.8	87.6	89.8	91.0	91.6	92.6	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.3
≥ 600	74.5	85.0	87.9	90.2	91.6	92.3	93.4	93.7	93.8	94.0	94.1	94.1	94.3	94.3	94.3	94.3
≥ 500	74.7	85.3	88.3	90.9	92.3	93.1	94.4	95.1	95.2	95.6	95.8	95.8	96.0	96.0	96.1	96.1
≥ 400	74.7	85.4	88.5	91.1	92.7	93.5	94.9	95.7	95.9	96.4	96.6	96.6	96.9	96.9	96.9	96.9
≥ 300	74.7	85.4	88.5	91.2	92.9	93.6	95.2	96.3	96.4	97.3	97.5	97.6	98.1	98.1	98.1	98.1
≥ 200	74.7	85.4	88.5	91.2	92.9	93.7	95.3	96.4	96.5	97.5	97.8	97.9	98.6	98.6	98.8	99.1
≥ 100	74.7	85.4	88.5	91.2	92.9	93.7	95.3	96.4	96.6	97.5	97.9	97.9	98.7	98.8	99.1	99.5
≥ 0	74.7	85.4	88.5	91.2	92.9	93.7	95.3	96.4	96.6	97.5	97.9	97.9	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 5950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947 (STATION) KANSAS CITY INTL MO (STATION NAME) 74-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.1	54.3	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.
≥ 20000	55.4	57.6	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.
≥ 18000	55.4	57.6	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.
≥ 16000	55.4	57.6	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.
≥ 14000	55.8	58.1	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.
≥ 12000	56.8	59.0	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.
≥ 10000	59.6	61.8	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.
≥ 9000	62.1	64.4	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.
≥ 8000	64.7	67.4	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.
≥ 7000	66.4	69.4	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.
≥ 6000	68.1	71.3	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.
≥ 5000	70.0	73.2	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.
≥ 4500	71.4	74.6	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.
≥ 4000	73.5	76.9	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.
≥ 3500	74.3	77.8	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.
≥ 3000	76.4	80.3	81.1	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.
≥ 2500	77.8	81.8	82.8	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.
≥ 2000	79.9	84.0	85.1	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.
≥ 1800	80.1	84.4	85.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.
≥ 1500	81.7	86.5	88.1	89.0	89.0	89.0	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.
≥ 1200	83.6	88.9	90.4	91.4	91.4	91.4	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.
≥ 1000	84.6	90.4	91.9	93.1	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.
≥ 900	85.0	91.7	93.2	94.3	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.
≥ 800	85.1	92.2	93.8	94.9	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.
≥ 700	85.4	92.6	94.3	95.7	95.7	95.7	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.
≥ 600	85.7	93.1	94.9	96.3	96.4	96.4	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.
≥ 500	85.8	93.2	95.1	96.5	96.7	96.7	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.
≥ 400	86.0	93.6	96.1	97.8	97.9	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.
≥ 300	86.0	93.6	96.4	98.2	98.6	98.6	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.
≥ 200	86.0	93.6	96.4	98.2	98.6	98.6	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.
≥ 100	86.0	93.6	96.4	98.2	98.6	98.6	99.2	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.
≥ 0	86.0	93.6	96.4	98.2	98.6	98.6	99.2	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.

TOTAL NUMBER OF OBSERVATIONS 72

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILI

3947	KANSAS CITY INTL MO	74-81	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

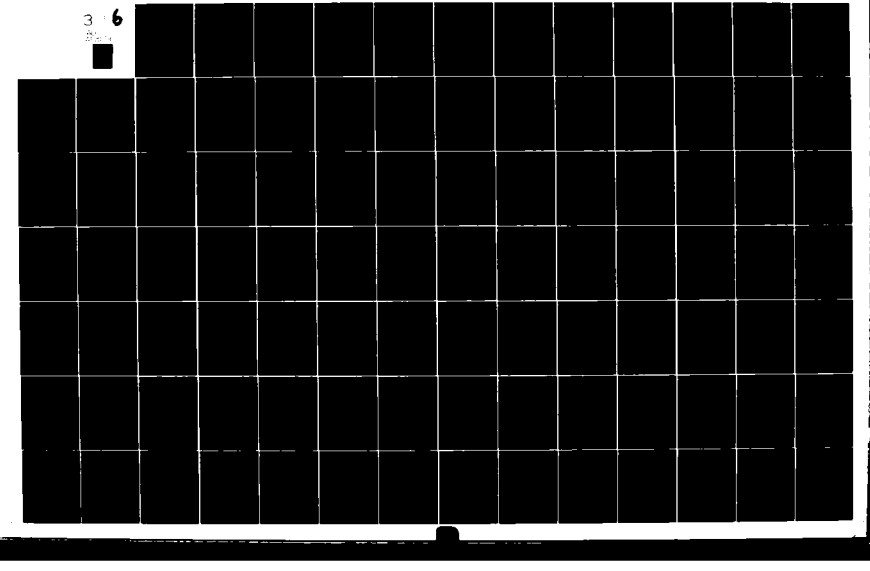
0300-05
HOURS (L.S.T

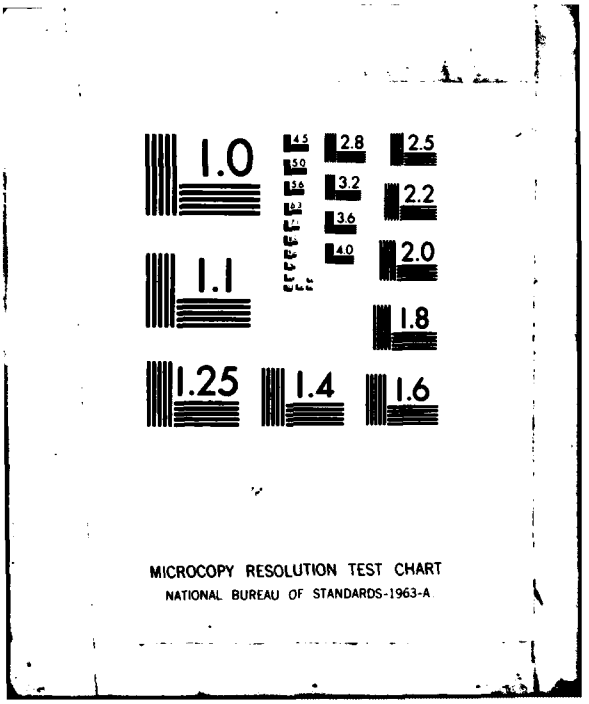
CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥
NO CEILING	47.9	50.0	50.7	51.1	51.5	51.5	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51
≥ 20000	51.4	53.8	54.4	54.9	55.3	55.3	55.4	55.4	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55
≥ 18000	51.4	53.8	54.4	54.9	55.3	55.3	55.4	55.4	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55
≥ 16000	51.4	53.8	54.4	54.9	55.3	55.3	55.4	55.4	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55
≥ 14000	52.1	54.4	55.1	55.6	56.0	56.0	56.1	56.1	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56
≥ 12000	53.6	56.0	56.7	57.1	57.5	57.5	57.6	57.6	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57
≥ 10000	55.3	58.2	58.9	59.3	59.7	59.7	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60
≥ 9000	58.8	61.3	61.9	62.4	62.8	62.8	62.9	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63
≥ 8000	61.3	64.2	64.9	65.3	65.7	65.7	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66
≥ 7000	63.2	66.4	67.1	67.5	67.9	67.9	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68
≥ 6000	65.1	68.8	69.4	69.9	70.3	70.3	70.4	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70
≥ 5000	66.5	70.3	71.0	71.4	71.8	71.8	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72
≥ 4500	68.3	72.1	72.8	73.2	73.6	73.6	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74
≥ 4000	69.7	73.5	74.3	74.7	75.1	75.1	75.3	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75
≥ 3500	71.9	75.8	76.7	77.1	77.5	77.5	77.6	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77
≥ 3000	73.3	77.5	78.6	79.0	79.4	79.4	79.6	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79
≥ 2500	75.8	80.0	81.3	81.7	82.1	82.1	82.2	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82
≥ 2000	77.9	82.4	83.6	84.0	84.4	84.4	84.6	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84
≥ 1800	78.6	83.1	84.3	84.9	85.3	85.3	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85
≥ 1500	79.9	84.7	86.0	86.8	87.2	87.2	87.5	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87
≥ 1200	82.2	87.2	88.5	89.3	89.7	89.7	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90
≥ 1000	83.8	88.9	90.1	91.0	91.4	91.4	91.8	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92
≥ 900	83.9	89.2	90.8	91.7	92.1	92.1	92.5	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92
≥ 800	84.2	89.9	91.7	92.5	92.9	92.9	93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93
≥ 700	84.3	90.7	93.2	94.0	94.4	94.4	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95
≥ 600	84.4	91.0	94.0	94.9	95.3	95.3	95.8	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96
≥ 500	84.4	91.1	94.3	95.3	95.8	96.1	96.7	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97
≥ 400	84.4	91.1	94.7	96.1	96.7	96.9	97.5	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98
≥ 300	84.4	91.1	94.7	96.3	97.2	97.5	98.2	98.3	98.3	98.8	99.0	99.0	99.0	99.0	99.3	99
≥ 200	84.4	91.1	94.7	96.3	97.2	97.5	98.2	98.3	98.3	98.8	99.0	99.0	99.0	99.0	99.4	99
≥ 100	84.4	91.1	94.7	96.3	97.2	97.5	98.2	98.3	98.3	98.8	99.0	99.0	99.0	99.0	99.4	99
≥ 0	84.4	91.1	94.7	96.3	97.2	97.5	98.2	98.3	98.3	98.8	99.2	99.2	99.2	99.2	99.6	10

TOTAL NUMBER OF OBSERVATIONS _____

AD-A113 179 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KANSAS CITY IAP, MISSOURI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-82/003 SBI-AD-E850 135 NL




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7947 (STATION) KANSAS CITY INTL MO (STATION NAME) 74-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.6	43.9	46.1	47.1	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.3
≥ 20000	43.9	48.9	51.8	52.8	53.6	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.2
≥ 18000	44.3	49.3	52.2	53.2	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.6
≥ 16000	44.3	49.3	52.2	53.2	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.6
≥ 14000	45.3	50.3	53.2	54.2	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.6
≥ 12000	46.0	51.5	54.4	55.4	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.8
≥ 10000	47.9	53.9	56.8	57.8	58.6	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	59.2
≥ 9000	49.3	55.4	58.5	59.4	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.8
≥ 8000	50.8	57.5	60.7	61.7	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.1
≥ 7000	53.5	60.6	63.8	64.7	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	66.1
≥ 6000	55.1	62.8	66.0	66.9	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.3
≥ 5000	55.8	63.8	67.1	68.1	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.4
≥ 4500	56.5	65.3	68.6	69.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.1
≥ 4000	57.6	66.7	70.0	71.1	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.9
≥ 3500	58.5	67.5	71.0	72.1	73.3	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	74.0
≥ 3000	60.1	69.6	73.5	74.7	76.0	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.7
≥ 2500	61.8	71.9	75.6	76.8	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.8
≥ 2000	64.7	74.7	78.8	80.1	81.4	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.2
≥ 1800	65.3	75.7	79.7	81.1	82.4	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.3
≥ 1500	66.4	77.9	82.1	83.6	85.1	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.3
≥ 1200	66.8	79.3	84.2	85.7	87.9	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	89.0
≥ 1000	67.5	80.7	85.8	87.6	89.9	90.3	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.3
≥ 900	67.5	81.1	86.3	88.1	90.3	90.8	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.8
≥ 800	67.5	81.3	86.4	88.5	90.8	91.4	91.8	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.6
≥ 700	67.5	81.4	86.5	89.0	91.7	92.2	92.6	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.8
≥ 600	67.5	81.5	86.7	89.2	91.9	92.6	93.1	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.3
≥ 500	67.5	81.5	86.8	89.6	92.5	93.6	94.7	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	96.3
≥ 400	67.5	81.5	86.8	89.9	92.9	94.0	95.7	96.3	96.4	96.5	96.7	96.7	96.7	96.7	96.7	97.4
≥ 300	67.5	81.5	86.8	90.0	93.1	94.9	96.8	97.4	97.5	97.9	98.1	98.1	98.1	98.1	98.1	98.8
≥ 200	67.5	81.5	86.8	90.0	93.1	94.9	96.8	97.5	97.6	98.1	98.2	98.2	98.2	98.3	98.3	99.0
≥ 100	67.5	81.5	86.8	90.0	93.1	94.9	96.8	97.5	97.6	98.1	98.2	98.2	98.3	98.6	98.6	99.6
≥ 0	67.5	81.5	86.8	90.0	93.1	94.9	96.8	97.5	97.6	98.1	98.2	98.2	98.3	98.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047	KANSAS CITY INTL MO	74-81	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	43.3	47.5	48.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	46.1	50.8	51.8	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 18000	46.1	50.8	51.8	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 16000	46.1	50.8	51.8	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 14000	46.4	51.1	52.1	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 12000	47.5	52.6	53.6	54.4	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 10000	51.5	56.8	57.8	58.6	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 9000	52.2	57.8	58.8	59.6	59.7	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 8000	53.5	59.4	60.8	61.7	61.8	61.8	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 7000	54.9	61.7	63.1	64.0	64.3	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 6000	57.2	64.0	65.4	66.4	66.7	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 5000	58.1	65.0	66.4	67.4	67.6	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 4500	58.6	65.8	67.4	68.5	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4000	59.2	66.9	68.6	69.7	70.0	70.0	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 3500	59.9	67.6	69.3	70.6	71.0	71.0	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 3000	61.3	69.7	71.4	72.8	73.3	73.3	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 2500	64.2	73.2	75.0	76.5	77.1	77.1	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 2000	66.1	76.3	78.3	80.1	80.7	80.7	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1800	66.7	76.9	79.3	81.3	81.8	81.8	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1500	67.6	79.2	81.9	84.4	85.1	85.3	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1200	68.8	81.8	85.3	87.9	88.6	88.8	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1000	68.8	82.1	86.0	89.3	90.1	90.3	90.4	90.8	90.8	91.1	91.1	91.1	91.4	91.4	91.4	91.4
≥ 900	68.9	82.2	86.1	89.9	91.0	91.1	91.3	91.7	91.7	91.9	91.9	91.9	92.2	92.2	92.2	92.2
≥ 800	68.9	82.4	86.4	90.3	91.8	91.9	92.1	92.6	92.8	93.1	93.1	93.1	93.3	93.3	93.3	93.3
≥ 700	68.9	82.4	86.7	91.0	92.9	93.5	93.6	94.3	94.4	94.7	94.7	94.7	95.0	95.0	95.0	95.0
≥ 600	68.9	82.6	86.9	91.4	93.5	94.0	94.7	95.4	95.6	95.8	95.8	95.8	96.1	96.1	96.1	96.1
≥ 500	68.9	82.6	87.5	92.2	94.6	95.3	96.3	96.9	97.2	97.5	97.5	97.5	97.8	97.8	97.8	97.8
≥ 400	68.9	82.6	87.5	92.2	94.7	95.6	96.7	97.4	97.6	98.1	98.1	98.1	98.3	98.3	98.3	98.3
≥ 300	68.9	82.6	87.5	92.2	94.7	95.6	96.9	97.9	98.2	98.8	98.8	98.8	99.0	99.0	99.0	99.0
≥ 200	68.9	82.6	87.5	92.2	94.7	95.6	96.9	98.1	98.3	99.2	99.2	99.2	99.9	99.9	99.9	99.9
≥ 100	68.9	82.6	87.5	92.2	94.7	95.6	96.9	98.1	98.3	99.2	99.2	99.2	99.9	99.9	100.0	100.0
≥ 0	68.9	82.6	87.5	92.2	94.7	95.6	96.9	98.1	98.3	99.2	99.2	99.2	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) | KANSAS CITY INTL MO (STATION NAME) | 74-81 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	44.2	47.1	47.6	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 20000	48.1	51.3	51.8	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 18000	48.1	51.3	51.8	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 9000	48.1	51.3	51.8	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 14000	48.6	51.8	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000	50.7	55.0	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9
≥ 10000	52.8	57.2	57.8	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 9000	53.3	57.8	58.5	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 8000	54.6	59.6	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 7000	55.7	60.8	61.5	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 6000	56.9	62.2	62.9	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 5000	58.1	63.6	64.6	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 4500	60.0	65.8	66.8	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4000	61.7	67.9	69.0	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 3500	62.6	68.9	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 3000	67.1	74.9	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 2500	69.9	78.9	80.4	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2000	72.4	83.2	85.1	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1800	72.8	83.9	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	74.1	86.5	89.0	89.9	90.4	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	74.4	87.8	90.7	91.5	92.2	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1000	74.6	88.1	91.3	92.9	93.8	93.8	93.9	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 900	74.6	88.5	91.9	93.6	94.4	94.4	94.6	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
≥ 800	74.6	88.6	92.1	94.2	95.1	95.1	95.3	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0
≥ 700	74.7	89.0	92.5	94.6	95.7	95.8	96.1	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 600	74.7	89.2	92.6	94.7	95.8	96.0	96.3	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 500	75.0	89.7	93.5	95.6	96.8	96.9	97.4	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 400	75.1	90.3	94.0	96.1	97.5	97.9	98.8	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 300	75.1	90.3	94.0	96.1	97.5	97.9	98.8	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	75.1	90.3	94.0	96.1	97.5	97.9	98.8	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	75.1	90.3	94.0	96.1	97.5	97.9	98.8	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	75.1	90.3	94.0	96.1	97.5	97.9	98.8	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947	KANSAS CITY INTL MO	74-81	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	45.1	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 20000	49.8	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 18000	49.9	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 14000	49.9	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 12000	50.8	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 10000	52.0	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 9000	54.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 8000	54.5	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 7000	55.9	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 6000	57.6	63.8	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 5000	58.4	64.8	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 4500	60.9	67.6	67.7	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 4000	63.6	70.7	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 3500	66.6	74.1	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3000	68.4	77.1	77.2	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 2500	70.2	80.4	81.1	81.2	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2000	72.2	83.3	84.3	84.6	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	74.1	86.9	88.0	88.3	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	74.5	87.8	88.9	89.2	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	75.0	89.4	90.7	91.0	91.2	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1000	75.2	90.4	91.9	92.1	92.5	92.8	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 900	75.4	91.0	92.5	93.2	93.6	93.9	94.7	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	75.5	91.7	93.2	93.9	94.3	94.6	95.4	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	75.7	92.4	94.0	95.1	95.5	95.8	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	75.7	92.5	94.2	95.3	95.7	96.0	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	75.7	92.6	94.3	95.5	96.1	96.4	97.5	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	75.7	92.8	94.7	96.0	96.8	97.1	98.3	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	75.7	92.8	94.7	96.0	96.8	97.1	98.5	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	75.7	92.8	94.7	96.0	96.8	97.1	98.5	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	75.7	92.8	94.7	96.0	96.8	97.1	98.6	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	75.7	92.8	94.7	96.0	96.8	97.1	98.6	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 719

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947	KANSAS CITY INTL MO	74-81	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.9	51.9	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000	53.9	57.5	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000	54.3	57.9	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 16000	54.3	57.9	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 14000	55.3	58.9	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 12000	56.9	60.6	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 10000	58.9	62.9	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 9000	60.3	64.4	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 8000	62.2	67.1	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 7000	63.2	68.2	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 6000	65.0	70.0	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 5000	68.8	74.2	74.6	74.7	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	70.6	76.1	76.7	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4000	73.5	79.7	80.3	80.4	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3500	74.4	80.8	81.5	81.8	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	76.0	83.3	84.2	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2500	77.4	86.1	87.2	87.6	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2000	78.1	87.5	88.8	89.3	89.6	89.7	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800	78.2	87.9	89.2	89.7	90.0	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1500	79.2	89.9	91.1	91.9	92.4	92.5	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	79.7	90.6	91.8	92.9	93.3	93.5	93.6	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1000	80.3	91.5	93.1	94.7	95.1	95.3	95.6	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	80.7	92.2	94.0	95.8	96.4	96.5	96.8	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	80.7	92.5	94.3	96.3	96.9	97.1	97.4	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	80.8	92.6	94.4	96.4	97.1	97.2	97.6	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	80.8	92.9	94.7	96.7	97.4	97.5	98.1	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	80.8	93.2	95.0	96.9	97.6	97.8	98.3	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	80.8	93.3	95.1	97.1	97.9	98.1	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	80.8	93.3	95.1	97.1	97.9	98.1	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	80.8	93.3	95.1	97.1	97.9	98.1	98.9	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 100	80.8	93.3	95.1	97.1	97.9	98.1	98.9	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9
≥ 0	80.8	93.3	95.1	97.1	97.9	98.1	98.9	99.4	99.4	99.6	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 722

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03947	KANSAS CITY INTL MO	74-81	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	59.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000	59.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 5000	59.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 14000	59.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 7000	60.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000	63.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 9000	65.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 8000	67.9	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	68.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 6000	70.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	73.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4500	75.1	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4000	77.2	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500	77.5	81.3	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000	80.1	84.0	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2500	81.4	86.0	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	83.2	89.0	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	83.3	89.6	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500	83.9	90.4	91.4	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1200	85.3	91.9	92.9	93.6	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1000	86.5	93.8	94.7	95.4	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	86.7	93.9	94.9	95.6	95.7	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	86.7	94.0	95.0	95.8	96.0	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	86.9	94.4	95.4	96.3	96.4	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	87.1	94.6	95.6	96.8	97.2	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	87.1	94.7	95.7	96.9	97.4	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	87.1	94.7	95.8	97.2	98.2	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 300	87.1	94.7	96.0	97.4	98.3	98.3	98.9	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 200	87.1	94.7	96.0	97.4	98.5	98.5	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 100	87.1	94.7	96.0	97.4	98.5	98.5	99.2	99.4	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	87.1	94.7	96.0	97.4	98.5	98.5	99.2	99.4	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03947	KANSAS CITY INTL MO	74-81	APR	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	47.2	50.3	50.9	51.2	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 20000	51.0	54.5	55.2	55.5	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9
≥ 18000	51.1	54.6	55.3	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0
≥ 16000	51.1	54.6	55.3	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0
≥ 14000	51.7	55.2	55.9	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
≥ 12000	53.0	56.8	57.5	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2
≥ 10000	55.5	59.4	60.2	60.5	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 9000	57.0	61.1	61.9	62.2	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6
≥ 8000	58.9	63.5	64.4	64.7	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 7000	60.3	65.3	66.2	66.6	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 6000	62.1	67.2	68.1	68.5	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
≥ 5000	63.9	69.3	70.2	70.6	70.8	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4500	65.5	71.1	72.1	72.5	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0
≥ 4000	67.4	73.3	74.4	74.9	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4
≥ 3500	68.4	74.6	75.7	76.2	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8
≥ 3000	70.6	77.5	78.8	79.4	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500	72.5	80.1	81.6	82.3	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0
≥ 2000	74.5	83.0	84.7	85.5	85.9	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1800	74.9	83.7	85.4	86.3	86.7	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500	76.0	85.6	87.5	88.6	89.1	89.2	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1200	77.3	87.2	89.4	90.6	91.2	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.8
≥ 1000	77.7	88.3	90.7	92.2	92.8	92.9	93.2	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.7
≥ 900	77.8	88.8	91.3	92.8	93.6	93.7	94.0	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5
≥ 800	77.9	89.1	91.7	93.4	94.3	94.4	94.7	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.3
≥ 700	78.0	89.5	92.2	94.0	94.9	95.2	95.5	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 600	78.1	89.7	92.5	94.4	95.5	95.7	96.2	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 500	78.2	89.9	92.8	94.9	96.0	96.4	97.0	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 400	78.2	90.0	93.1	95.3	96.6	97.0	97.8	98.3	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 300	78.2	90.0	93.2	95.4	96.8	97.2	98.3	98.8	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.4
≥ 200	78.2	90.0	93.2	95.4	96.8	97.3	98.3	98.9	99.0	99.3	99.4	99.4	99.5	99.5	99.6	99.7
≥ 100	78.2	90.0	93.2	95.4	96.8	97.3	98.3	98.9	99.0	99.3	99.4	99.4	99.6	99.7	99.7	99.8
≥ 0	78.2	90.0	93.2	95.4	96.8	97.3	98.3	98.9	99.0	99.3	99.4	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5759

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947 (STATION) | KANSAS CITY INTL MO (STATION NAME) | 74-81 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	56.0	58.7	59.8	60.6	60.8	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.2	61.2
≥ 20000	61.2	64.0	65.1	65.9	66.	66.0	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.5
≥ 18000	61.3	64.1	65.2	66.0	66.1	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.7
≥ 16000	61.3	64.1	65.2	66.0	66.1	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.7
≥ 14000	62.0	64.8	65.9	67.1	67.2	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.7
≥ 12000	62.5	65.5	66.7	67.9	68.0	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.5
≥ 10000	66.3	69.4	70.6	71.8	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.4
≥ 9000	67.6	70.7	71.9	73.1	73.3	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.7	73.8
≥ 8000	70.0	73.4	75.0	76.2	76.3	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.9
≥ 7000	71.6	75.5	77.2	78.4	78.5	78.5	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	79.0
≥ 6000	73.4	77.4	79.2	80.4	80.5	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	81.0
≥ 5000	73.9	78.1	79.8	81.0	81.2	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.7
≥ 4500	74.6	79.0	80.8	82.3	82.4	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.9
≥ 4000	76.1	81.0	82.9	84.7	84.8	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.3
≥ 3500	76.6	82.0	83.9	85.6	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.2	86.3
≥ 3000	78.2	84.1	86.0	87.8	87.9	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.4
≥ 2500	79.4	86.0	88.2	89.9	90.2	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.7
≥ 2000	80.9	87.6	89.9	91.7	91.9	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.5
≥ 1800	80.9	87.8	90.1	91.8	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.5	92.6
≥ 1500	81.3	88.4	91.0	92.7	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.5
≥ 1200	82.0	89.2	91.8	93.5	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.5
≥ 1000	82.1	89.5	92.2	94.1	94.6	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.2	95.3
≥ 900	82.1	89.5	92.2	94.1	94.6	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.2	95.3
≥ 800	82.1	89.5	92.3	94.5	95.0	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.7
≥ 700	82.1	89.5	92.6	94.9	95.4	95.6	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.2
≥ 600	82.3	89.8	92.9	95.3	95.8	96.0	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.6
≥ 500	82.5	90.3	93.5	96.0	96.5	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.3
≥ 400	82.5	90.3	93.8	96.4	97.0	97.4	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.3
≥ 300	82.5	90.3	93.8	96.5	97.3	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.7
≥ 200	82.5	90.3	93.8	96.6	97.4	97.8	98.3	98.5	98.5	98.7	98.8	98.8	98.8	98.8	99.1	99.2
≥ 100	82.5	90.3	93.8	96.6	97.4	97.8	98.3	98.7	98.7	98.9	99.1	99.1	99.1	99.1	99.3	99.7
≥ 0	82.5	90.3	93.8	96.6	97.4	97.8	98.3	98.7	98.7	98.9	99.1	99.1	99.1	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	74-81	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.1	52.4	53.5	55.4	55.9	55.9	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	57.0	57.3
≥ 20000	53.2	58.5	59.8	61.8	62.4	62.4	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.4	63.7
≥ 18000	53.6	58.9	60.2	62.2	62.8	62.8	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.8	64.1
≥ 16000	53.6	58.9	60.2	62.2	62.8	62.8	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.8	64.1
≥ 14000	54.2	59.5	60.9	63.0	63.6	63.6	64.1	64.1	64.1	64.2	64.2	64.2	64.4	64.4	64.8	65.2
≥ 12000	55.6	61.8	63.4	65.7	66.3	66.3	66.8	66.8	66.8	66.9	66.9	66.9	67.1	67.1	67.5	67.9
≥ 10000	58.6	65.1	66.8	69.1	69.6	69.6	70.2	70.2	70.2	70.3	70.3	70.3	70.4	70.4	70.8	71.2
≥ 9000	59.9	66.7	68.4	70.7	71.2	71.2	71.8	71.8	71.8	71.9	71.9	71.9	72.0	72.0	72.4	72.8
≥ 8000	62.5	69.6	71.5	74.2	74.7	74.7	75.3	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.9	76.3
≥ 7000	63.4	71.0	73.0	75.7	76.3	76.3	76.9	76.9	76.9	77.0	77.0	77.0	77.2	77.2	77.6	78.0
≥ 6000	64.1	71.9	73.9	76.6	77.3	77.3	77.8	77.8	77.8	78.0	78.0	78.0	78.1	78.1	78.5	78.9
≥ 5000	65.3	73.3	75.4	78.2	78.9	78.9	79.4	79.4	79.4	79.6	79.6	79.6	79.7	79.7	80.1	80.5
≥ 4500	66.1	74.1	76.3	79.4	80.1	80.1	80.6	80.6	80.6	80.8	80.8	80.8	80.9	80.9	81.3	81.7
≥ 4000	67.6	75.7	78.1	81.5	82.1	82.1	82.7	82.7	82.7	82.8	82.8	82.8	82.9	82.9	83.3	83.7
≥ 3500	68.4	77.2	79.7	83.2	83.9	83.9	84.5	84.5	84.5	84.7	84.7	84.7	84.8	84.8	85.2	85.6
≥ 3000	70.0	79.2	81.7	85.2	85.9	85.9	86.6	86.6	86.6	86.7	86.7	86.7	86.8	86.8	87.2	87.6
≥ 2500	71.0	80.8	83.7	87.4	88.0	88.0	88.7	88.7	88.7	88.8	88.8	88.8	89.0	89.0	89.4	89.8
≥ 2000	72.3	82.5	85.5	89.1	89.8	89.8	90.5	90.5	90.5	90.6	90.6	90.6	90.7	90.7	91.1	91.5
≥ 1800	72.4	82.9	85.9	89.5	90.2	90.2	90.9	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.5	91.9
≥ 1500	73.0	83.5	86.7	90.3	91.0	91.0	91.8	91.8	91.8	91.9	91.9	91.9	92.1	92.1	92.5	92.9
≥ 1200	73.5	84.3	87.6	91.3	91.9	91.9	92.7	92.7	92.7	92.9	92.9	92.9	93.0	93.0	93.4	93.8
≥ 1000	73.8	84.7	88.0	91.7	92.3	92.3	93.1	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.8	94.2
≥ 900	73.8	84.7	88.0	91.7	92.3	92.3	93.1	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.8	94.2
≥ 800	73.8	84.9	88.6	92.2	92.9	93.1	94.0	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.6	95.0
≥ 700	73.8	85.1	88.8	92.9	93.7	94.0	94.8	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.4	95.8
≥ 600	73.8	85.5	89.2	93.4	94.2	94.5	95.4	95.4	95.4	95.6	95.6	95.6	95.7	95.7	96.1	96.5
≥ 500	74.1	85.8	89.5	94.0	94.9	95.2	96.1	96.1	96.1	96.2	96.2	96.2	96.5	96.5	96.9	97.3
≥ 400	74.2	85.9	89.7	94.1	95.3	95.6	96.6	96.8	96.8	97.0	97.0	97.0	97.4	97.4	97.8	98.3
≥ 300	74.3	86.0	89.8	94.4	95.7	96.0	97.0	97.2	97.2	97.4	97.4	97.4	97.8	97.8	98.3	98.7
≥ 200	74.3	86.0	89.8	94.4	95.8	96.1	97.4	97.6	97.6	97.8	97.8	97.8	98.3	98.4	98.8	99.2
≥ 100	74.3	86.0	89.8	94.4	95.8	96.1	97.4	97.6	97.6	97.8	97.8	97.8	98.4	98.5	98.9	99.3
≥ 0	74.3	86.0	89.8	94.4	95.8	96.1	97.4	97.6	97.6	97.8	97.8	97.8	98.4	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03947 (STATION) KANSAS CITY INTL MO (STATION NAME) 74-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.9	42.9	45.8	48.0	48.7	49.2	49.9	50.0	50.0	50.1	50.1	50.1	50.3	50.3	50.3	50.5
≥ 20000	41.3	49.9	53.8	55.9	56.6	57.1	57.9	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.6
≥ 18000	41.8	50.4	54.3	56.5	57.1	57.7	58.5	58.6	58.6	58.7	58.7	58.7	58.9	58.9	58.9	59.1
≥ 16000	41.8	50.4	54.3	56.5	57.1	57.7	58.5	58.6	58.6	58.7	58.7	58.7	58.9	58.9	58.9	59.1
≥ 14000	42.5	51.2	55.1	57.4	58.1	58.6	59.4	59.5	59.5	59.7	59.7	59.7	59.8	59.8	59.8	60.1
≥ 12000	43.7	53.0	57.0	59.4	60.1	60.6	61.4	61.6	61.6	61.8	61.8	61.8	62.1	62.1	62.1	62.4
≥ 10000	45.8	56.0	60.5	63.4	64.1	64.7	65.5	65.6	65.6	65.9	65.9	65.9	66.1	66.1	66.1	66.4
≥ 9000	47.4	57.8	62.5	65.7	66.4	66.9	67.7	67.9	67.9	68.1	68.1	68.1	68.4	68.4	68.4	68.7
≥ 8000	49.6	60.9	65.7	69.4	70.2	70.8	71.9	72.0	72.0	72.3	72.3	72.3	72.6	72.6	72.6	72.9
≥ 7000	50.1	61.7	66.7	70.4	71.5	72.2	73.3	73.4	73.4	73.7	73.7	73.7	73.9	73.9	73.9	74.2
≥ 6000	51.3	63.2	68.1	71.9	73.0	73.7	74.7	74.9	74.9	75.1	75.1	75.1	75.4	75.4	75.4	75.7
≥ 5000	52.0	64.0	69.0	72.7	73.8	74.5	75.5	75.8	75.8	76.1	76.1	76.1	76.3	76.3	76.3	76.6
≥ 4500	52.8	65.1	70.3	74.2	75.4	76.1	77.7	78.0	78.0	78.2	78.2	78.2	78.5	78.5	78.5	78.8
≥ 4000	53.6	66.3	72.0	76.2	77.6	78.2	80.0	80.5	80.5	80.8	80.8	80.8	81.0	81.0	81.0	81.3
≥ 3500	54.3	67.1	72.8	77.2	78.6	79.3	81.0	81.6	81.6	81.9	81.9	81.9	82.1	82.1	82.1	82.4
≥ 3000	54.6	67.6	73.7	78.2	80.0	80.6	82.7	83.2	83.2	83.5	83.5	83.5	83.7	83.7	83.7	84.0
≥ 2500	54.8	68.0	74.2	78.8	80.6	81.3	83.7	84.3	84.3	84.5	84.5	84.5	84.8	84.8	84.8	85.1
≥ 2000	55.6	69.0	75.3	80.1	82.0	82.8	85.3	86.0	86.0	86.3	86.3	86.3	86.6	86.6	86.6	86.8
≥ 1800	55.8	69.4	75.7	80.5	82.4	83.2	85.8	86.4	86.4	86.7	86.7	86.7	87.0	87.0	87.0	87.2
≥ 1500	56.0	69.8	76.2	81.3	83.2	84.0	86.7	87.4	87.4	87.8	87.8	87.8	88.0	88.0	88.0	88.3
≥ 1200	56.7	70.8	77.4	82.9	84.9	85.9	88.6	89.4	89.4	89.9	89.9	89.9	90.2	90.2	90.2	90.5
≥ 1000	56.9	71.2	78.0	83.6	85.8	86.8	89.5	90.3	90.3	90.9	90.9	90.9	91.1	91.1	91.1	91.4
≥ 900	57.1	71.8	78.8	84.4	86.8	87.9	90.6	91.4	91.4	91.9	91.9	91.9	92.2	92.2	92.2	92.5
≥ 800	57.3	72.4	79.4	85.2	87.6	88.8	91.7	92.5	92.5	93.0	93.0	93.0	93.3	93.3	93.3	93.5
≥ 700	57.3	72.6	79.7	85.5	88.6	89.8	93.3	94.1	94.1	94.6	94.6	94.6	94.9	94.9	94.9	95.2
≥ 600	57.3	73.0	80.1	85.9	89.0	90.2	94.1	94.9	94.9	95.4	95.4	95.4	95.7	95.7	95.7	96.0
≥ 500	57.3	73.0	80.1	85.9	89.1	90.3	94.4	95.2	95.2	96.0	96.0	96.0	96.2	96.2	96.2	96.5
≥ 400	57.3	73.1	80.2	86.3	89.9	91.1	95.4	96.2	96.2	97.0	97.0	97.0	97.3	97.3	97.3	97.6
≥ 300	57.3	73.1	80.4	86.6	90.2	91.4	95.7	96.5	96.5	97.4	97.4	97.4	97.7	97.7	98.0	98.3
≥ 200	57.3	73.1	80.4	86.6	90.2	91.4	95.8	96.6	96.6	97.8	98.0	98.0	98.5	98.5	98.9	99.3
≥ 100	57.3	73.1	80.4	86.6	90.2	91.4	95.8	96.6	96.6	97.8	98.1	98.1	98.7	98.7	99.1	99.6
≥ 0	57.4	73.3	80.5	86.7	90.3	91.5	96.0	96.8	96.8	98.0	98.3	98.3	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 68 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947	KANSAS CITY INTL MO	74-81	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.4	48.2	49.9	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	46.4	56.3	58.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 18000	46.4	56.3	58.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 17000	46.4	56.3	58.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 14000	47.4	58.0	60.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 12000	48.2	59.6	61.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 10000	49.9	62.2	64.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 9000	52.0	65.0	67.0	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 8000	53.4	66.8	68.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 7000	54.5	68.0	70.3	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000	55.7	69.2	71.5	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	56.1	69.6	71.9	74.2	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	56.1	69.6	71.9	74.2	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4000	56.3	70.4	73.1	75.6	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 3500	57.1	71.3	74.0	76.6	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 3000	59.6	74.2	77.0	79.7	80.3	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2500	60.4	75.2	78.2	80.9	81.6	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2000	62.2	77.3	80.2	83.0	83.8	84.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1800	63.0	78.6	81.6	84.4	85.2	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1500	64.5	81.2	84.4	87.2	88.2	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200	65.1	82.8	86.5	89.9	91.1	91.4	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	65.4	83.4	87.3	91.0	92.6	92.9	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	65.4	83.6	87.5	91.8	93.4	93.7	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	65.4	83.6	87.6	92.2	93.8	94.1	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	65.4	83.6	87.6	92.2	94.1	94.3	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	65.4	83.6	87.8	92.3	94.3	94.8	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 500	65.5	83.8	88.0	92.6	94.8	95.2	97.0	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	65.7	84.0	88.4	93.0	95.4	95.8	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	65.7	84.0	88.6	93.1	95.6	96.0	98.4	98.8	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	65.7	84.0	88.6	93.1	95.6	96.0	98.4	98.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	65.7	84.0	88.6	93.1	95.6	96.0	98.4	98.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	65.7	84.0	88.6	93.1	95.6	96.0	98.4	98.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13-47 (STATION) KANSAS CITY INTL MO (STATION NAME) 74-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	42.7	48.4	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 20000	47.2	53.6	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000	47.4	53.9	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 16000	47.6	54.0	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 14000	49.7	55.1	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 12000	49.3	56.5	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 10000	51.6	59.5	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 9000	52.7	60.9	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 8000	53.9	62.5	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 7000	55.4	64.8	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 6000	56.7	66.3	67.7	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 5000	57.4	67.6	69.2	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4500	58.5	69.0	70.7	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 4000	60.6	72.2	74.1	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 3500	63.6	76.2	78.2	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3000	66.7	80.4	82.4	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2500	69.0	83.5	85.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	71.5	87.2	89.4	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	72.6	88.3	90.5	91.4	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500	73.0	89.0	91.1	92.2	92.3	92.5	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200	73.1	89.4	91.5	93.0	93.4	93.5	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	73.5	89.9	92.3	94.2	95.0	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 900	73.7	90.1	92.7	94.6	95.4	95.7	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	73.7	90.1	92.7	94.6	95.6	95.8	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	73.7	90.1	92.9	94.8	95.8	96.2	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	73.7	90.1	93.0	95.0	96.1	96.8	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500	73.7	90.1	93.0	95.3	96.9	97.7	98.4	98.7	98.7	98.8	98.8	98.9	98.8	98.8	98.8	98.8
≥ 400	73.7	90.1	93.4	95.8	97.4	98.4	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	73.7	90.1	93.4	95.8	97.4	98.5	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	73.7	90.1	93.4	95.8	97.4	98.5	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	73.7	90.1	93.4	95.8	97.4	98.5	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	73.7	90.1	93.4	95.8	97.4	98.5	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	74-81	MAY	1500-1700
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	47.4	52.2	52.8	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 20000	52.4	57.4	58.1	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 18000	52.6	57.5	58.2	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 17000	52.6	57.5	58.2	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000	53.3	58.9	59.5	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 12000	54.6	59.9	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 10000	57.3	63.8	64.7	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	57.9	64.8	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 8000	59.7	66.7	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 7000	60.3	68.0	69.0	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 6000	61.4	69.5	70.4	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 5000	63.6	72.2	73.3	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4500	65.7	75.4	76.5	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4000	67.6	78.1	79.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3500	70.2	81.2	82.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3000	72.8	85.3	86.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500	74.6	87.8	89.5	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	75.3	89.2	91.0	92.2	92.3	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	75.4	89.5	91.3	92.6	92.7	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	75.7	89.8	91.5	93.1	93.3	93.5	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200	75.8	90.1	92.1	93.7	94.0	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	75.8	90.2	92.3	94.2	94.5	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7
≥ 900	75.8	90.2	92.3	94.4	94.9	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2
≥ 800	75.8	90.3	92.5	94.6	95.2	96.0	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9
≥ 700	75.8	90.5	92.6	95.0	95.8	96.8	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8
≥ 600	75.8	90.5	92.6	95.3	96.4	97.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5
≥ 500	75.8	90.6	92.7	95.6	96.8	97.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 400	75.8	90.9	93.1	96.0	97.3	98.3	99.2	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7
≥ 300	75.8	90.9	93.1	96.0	97.3	98.3	99.2	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 200	75.8	90.9	93.1	96.0	97.3	98.3	99.2	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 100	75.8	90.9	93.1	96.0	97.3	98.3	99.2	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	75.8	90.9	93.1	96.0	97.3	98.3	99.2	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7947 (STATION) | KANSAS CITY INTL MO (STATION NAME) | 74-81 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	49.9	55.5	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.8	56.8	56.8	56.8
≥ 20000	56.7	62.9	63.6	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 18000	57.1	63.3	64.0	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 17000	57.1	63.3	64.0	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 14000	57.4	63.6	64.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 12000	58.8	65.3	66.3	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	62.2	69.0	70.3	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 9000	63.3	70.2	71.5	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 8000	65.7	72.6	74.1	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 7000	67.7	74.8	76.2	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 6000	69.8	77.5	79.1	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	71.1	79.1	80.7	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	72.7	81.6	83.3	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	74.6	84.2	85.8	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500	76.1	86.1	87.7	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3000	78.8	88.8	90.4	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	79.5	89.9	91.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	79.9	90.8	92.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	80.2	91.2	93.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	80.3	91.8	93.5	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	80.6	92.3	94.1	95.1	95.4	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	81.0	92.8	94.6	95.8	96.1	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	81.3	92.8	94.6	95.8	96.1	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	81.1	93.0	94.7	96.0	96.2	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	81.1	93.0	94.7	96.0	96.4	96.4	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	81.1	93.1	94.9	96.4	97.0	97.2	97.3	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	81.1	93.1	94.9	96.5	97.2	97.3	98.1	98.5	98.5	98.8	98.8	98.8	98.9	96.9	98.9	98.9
≥ 400	81.1	93.1	94.9	96.5	97.2	97.3	98.1	98.5	98.5	98.8	98.9	98.9	99.1	99.1	99.1	99.1
≥ 300	81.1	93.1	94.9	96.5	97.2	97.3	98.1	98.5	98.5	99.3	99.5	99.5	99.6	99.6	99.6	99.6
≥ 200	81.1	93.1	94.9	96.5	97.2	97.3	98.1	98.5	98.5	99.3	99.6	99.6	99.7	99.7	99.7	99.7
≥ 100	81.1	93.1	94.9	96.5	97.2	97.3	98.1	98.5	98.5	99.3	99.6	99.6	99.9	99.9	99.9	99.9
≥ 0	81.2	93.3	95.0	96.6	97.3	97.4	98.2	98.7	98.7	99.5	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03947	KANSAS CITY INTL MO	74-81	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.5	60.5	61.3	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	61.4	64.5	65.5	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4
≥ 18000	61.7	64.8	65.7	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7
≥ 16000	61.9	64.9	65.9	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8
≥ 14000	62.8	65.9	66.8	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7
≥ 12000	64.3	67.3	68.3	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4
≥ 10000	68.4	71.8	72.7	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8
≥ 9000	69.5	73.0	74.1	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.2	75.2
≥ 8000	72.2	75.7	76.8	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.9	77.9
≥ 7000	74.2	78.3	79.4	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4
≥ 6000	76.7	81.0	82.1	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1
≥ 5000	78.3	82.6	83.7	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.8	84.8
≥ 4500	79.8	84.5	85.6	86.4	86.4	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.8	86.8	86.9	86.9
≥ 4000	81.2	86.2	87.4	88.3	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.7	88.7	88.8	88.8
≥ 3500	82.3	87.7	88.9	89.7	89.7	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.3	90.3
≥ 3000	83.3	89.1	90.3	91.1	91.1	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.5	91.5	91.6	91.6
≥ 2500	85.3	91.1	92.3	93.4	93.4	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.9	93.9
≥ 2000	85.7	91.5	92.7	93.8	93.8	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.3	94.3	94.5	94.5
≥ 1800	85.8	91.6	92.8	93.9	93.9	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.5	94.5	94.6	94.6
≥ 1500	86.0	92.0	93.7	94.7	94.7	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.4	95.4	95.5	95.5
≥ 1200	86.2	92.4	94.2	95.3	95.3	95.4	95.5	95.7	95.7	95.8	95.8	95.8	96.1	96.1	96.2	96.2
≥ 1000	86.5	93.0	94.9	96.1	96.1	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.9	96.9	97.0	97.0
≥ 900	86.5	93.0	94.9	96.2	96.2	96.4	96.5	96.6	96.6	96.8	96.8	96.8	97.0	97.0	97.2	97.2
≥ 800	86.5	93.0	94.9	96.2	96.2	96.4	96.5	96.6	96.6	96.8	96.8	96.9	97.0	97.0	97.2	97.2
≥ 700	86.6	93.4	95.3	96.8	96.8	96.9	97.0	97.2	97.2	97.3	97.3	97.3	97.6	97.6	97.7	97.7
≥ 600	86.9	93.9	95.8	97.3	97.3	97.4	97.6	97.7	97.7	97.8	97.8	97.8	98.1	98.1	98.2	98.2
≥ 500	86.9	93.9	95.8	97.6	97.6	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.5	98.5	98.7	98.7
≥ 400	86.8	93.9	95.8	97.6	97.7	98.0	98.4	98.5	98.5	98.7	98.7	98.7	98.9	98.9	99.1	99.1
≥ 300	86.8	93.9	95.8	97.6	97.7	98.0	98.4	98.5	98.5	98.7	98.7	98.7	98.9	98.9	99.1	99.1
≥ 200	86.8	93.9	95.8	97.6	97.7	98.0	98.5	98.8	98.8	98.9	99.1	99.1	99.3	99.3	99.5	99.5
≥ 100	86.8	93.9	95.8	97.6	97.7	98.0	98.5	98.8	98.8	98.9	99.1	99.1	99.5	99.5	99.7	99.9
≥ 0	86.8	93.9	95.8	97.6	97.7	98.0	98.5	98.8	98.8	98.9	99.1	99.1	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947 | KANSAS CITY INTL MO | 74-81 | MAY
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	47.2	52.3	53.6	54.5	54.7	54.8	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.2
≥ 20000	52.5	58.4	59.8	60.8	61.0	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.5
≥ 18000	52.7	58.6	60.1	61.1	61.3	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.8
≥ 16000	52.8	58.7	60.1	61.1	61.3	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.8
≥ 14000	53.6	59.6	61.1	62.2	62.4	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.9
≥ 12000	54.6	61.1	62.6	63.8	64.0	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.5	64.6
≥ 10000	57.5	64.6	66.3	67.6	67.8	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.3
≥ 9000	58.8	66.1	67.9	69.2	69.4	69.5	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.9	70.0
≥ 8000	60.8	68.5	70.4	72.0	72.2	72.3	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.7	72.9
≥ 7000	62.2	70.2	72.2	73.8	74.1	74.2	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.7
≥ 6000	63.6	72.0	74.0	75.6	75.9	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.5	76.6
≥ 5000	64.7	73.3	75.4	77.0	77.4	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.9	78.0
≥ 4500	65.8	74.8	76.9	78.7	79.0	79.1	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.7	79.8
≥ 4000	67.2	76.8	79.1	81.0	81.4	81.5	81.9	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.2	82.3
≥ 3500	68.6	78.6	81.0	82.9	83.4	83.5	83.8	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.2
≥ 3000	70.5	81.1	83.5	85.6	86.1	86.2	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.9	87.0
≥ 2500	71.7	82.8	85.4	87.5	88.0	88.2	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.9	89.0
≥ 2000	72.9	84.4	87.0	89.2	89.7	89.9	90.4	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.8	90.9
≥ 1800	73.3	84.9	87.6	89.8	90.3	90.5	91.0	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.4	91.5
≥ 1500	73.7	85.7	88.5	90.8	91.3	91.5	92.1	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.5	92.6
≥ 1200	74.1	86.4	89.4	91.8	92.5	92.7	93.4	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.9
≥ 1000	74.4	86.8	90.0	92.6	93.4	93.7	94.3	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.8	94.9
≥ 900	74.4	86.9	90.1	92.9	93.7	94.0	94.7	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.2	95.3
≥ 800	74.4	87.1	90.3	93.2	94.1	94.4	95.1	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.7	95.8
≥ 700	74.5	87.2	90.5	93.5	94.6	95.0	95.9	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.4	96.5
≥ 600	74.5	87.4	90.8	93.9	95.0	95.5	96.5	96.7	96.7	96.9	96.9	96.9	97.0	97.0	97.1	97.2
≥ 500	74.6	87.6	91.0	94.2	95.5	96.0	97.2	97.4	97.4	97.7	97.7	97.7	97.8	97.8	97.9	98.0
≥ 400	74.6	87.7	91.2	94.4	95.9	96.5	97.8	98.1	98.1	98.4	98.4	98.4	98.6	98.6	98.7	98.8
≥ 300	74.6	87.7	91.2	94.6	96.0	96.6	98.0	98.4	98.4	98.8	98.8	98.8	99.0	99.0	99.1	99.2
≥ 200	74.6	87.7	91.2	94.6	96.1	96.7	98.1	98.5	98.5	99.0	99.1	99.1	99.3	99.3	99.5	99.6
≥ 100	74.6	87.7	91.2	94.6	96.1	96.7	98.1	98.5	98.5	99.0	99.2	99.2	99.4	99.4	99.6	99.8
≥ 0	74.7	87.7	91.3	94.6	96.1	96.7	98.1	98.6	98.6	99.0	99.2	99.2	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 5945

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947	KANSAS CITY INTL MO	73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.9	71.0	71.8	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 20000	65.4	72.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.1
≥ 18000	65.6	72.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	65.6	72.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	66.5	73.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 12000	68.9	76.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 10000	72.6	81.0	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 9000	73.5	81.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 8000	75.1	83.9	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 7000	75.7	84.4	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000	76.4	85.1	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 5000	77.2	86.4	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	78.6	87.9	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4000	79.9	89.3	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	80.6	90.0	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	81.7	91.3	92.6	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500	82.2	91.9	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000	82.9	93.1	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	83.1	93.2	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	83.2	93.5	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	84.2	94.6	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	84.7	95.3	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	84.7	95.6	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	84.9	95.7	97.4	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	85.0	96.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	85.3	96.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	85.3	96.4	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	85.4	96.7	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	85.4	96.7	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200	85.4	96.7	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 100	85.4	96.7	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	85.4	96.7	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) KANSAS CITY INTL MO (STATION NAME) 73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	65.3	64.2	66.3	66.9	67.1	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 20000	58.5	67.5	70.0	70.7	71.0	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 18000	58.5	67.5	70.0	70.7	71.0	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 17000	58.5	67.5	70.0	70.7	71.0	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 16000	59.1	68.1	70.7	71.4	71.7	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 15000	61.1	70.3	72.9	73.6	73.9	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 14000	65.4	74.9	77.6	78.3	78.6	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 13000	67.1	76.7	79.4	80.1	80.4	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 12000	69.2	78.8	81.8	82.5	82.8	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 11000	69.4	79.2	82.2	82.9	83.2	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 10000	70.6	80.4	83.5	84.2	84.4	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 9000	71.3	81.7	84.7	85.4	85.8	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 8000	72.6	83.3	86.4	87.1	87.5	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000	73.9	85.0	88.1	88.8	89.2	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 6000	74.7	86.0	89.2	89.9	90.3	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 5000	75.8	87.5	90.8	91.5	91.9	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4500	76.3	88.2	91.5	92.2	92.6	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4000	76.9	89.0	92.5	93.2	93.6	93.9	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500	77.2	89.4	92.9	93.8	94.3	94.6	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3000	78.2	90.6	94.0	94.9	95.4	95.7	96.1	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	78.5	91.0	94.4	95.3	96.0	96.3	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	79.0	91.8	95.3	96.1	96.8	97.1	97.5	97.5	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	79.0	91.8	95.3	96.1	96.8	97.1	97.5	97.5	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	79.2	91.9	95.6	96.5	97.2	97.5	97.9	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	79.2	91.9	95.8	96.8	97.5	97.8	98.2	98.2	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	79.2	91.9	95.8	96.9	97.6	97.9	98.3	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	79.4	92.4	96.3	97.4	98.1	98.3	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	79.4	92.4	96.3	97.4	98.1	98.3	98.8	98.8	98.8	99.0	99.2	99.2	99.4	99.4	99.4	99.4
≥ 700	79.6	92.5	96.4	97.5	98.2	98.5	99.0	99.0	99.0	99.3	99.4	99.4	99.7	99.7	99.7	99.7
≥ 600	79.6	92.5	96.5	97.6	98.3	98.6	99.2	99.2	99.2	99.4	99.6	99.6	100.0	100.0	100.0	100.0
≥ 500	79.6	92.5	96.5	97.6	98.3	98.6	99.2	99.2	99.2	99.4	99.6	99.6	100.0	100.0	100.0	100.0
≥ 400	79.6	92.5	96.5	97.6	98.3	98.6	99.2	99.2	99.2	99.4	99.6	99.6	100.0	100.0	100.0	100.0
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 723

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947	KANSAS CITY INTL MO	73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	46.7	57.4	59.3	60.7	61.3	61.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 20000	49.3	62.4	64.2	65.8	66.7	67.4	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 18000	49.9	62.4	64.2	65.8	66.7	67.4	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 17000	49.9	62.4	64.2	65.8	66.7	67.4	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 14000	50.7	63.5	65.4	67.1	67.9	68.8	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 12000	51.9	65.1	67.2	68.9	69.7	70.6	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 10000	55.1	69.0	71.7	73.3	74.2	75.0	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 9000	56.0	69.9	72.5	74.2	75.0	75.8	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 8000	57.4	71.3	73.9	75.8	76.8	77.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 7000	58.1	72.4	75.6	77.5	78.6	79.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 6000	58.6	73.3	76.5	78.5	79.7	80.6	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000	59.0	74.4	77.8	79.7	81.0	81.8	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	59.4	75.6	78.9	80.8	82.1	82.9	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4000	59.9	76.7	80.1	82.1	83.6	84.4	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500	60.6	77.5	81.0	82.9	84.4	85.3	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3000	61.0	78.6	82.2	84.2	85.8	86.7	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	61.5	79.9	83.5	85.6	87.2	88.1	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	62.2	80.8	84.4	86.7	88.6	89.4	91.1	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800	62.2	81.3	84.9	87.1	89.0	89.9	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	62.8	82.6	86.4	88.8	90.7	91.5	93.2	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	63.3	83.6	87.5	89.9	91.8	92.8	94.4	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	63.9	84.2	88.2	90.7	92.6	93.6	95.4	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	63.9	84.3	88.5	91.0	92.9	93.9	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	63.9	84.3	88.5	91.1	93.2	94.2	96.1	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	64.2	84.7	88.9	91.7	93.8	94.7	96.7	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	64.3	84.9	89.2	91.9	94.0	95.0	96.9	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	64.3	84.9	89.2	92.1	94.3	95.3	97.2	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	64.3	85.0	89.6	92.5	94.9	95.8	97.8	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	64.3	85.0	89.6	92.5	94.9	95.8	97.8	98.3	98.3	98.6	98.6	98.6	98.9	98.9	99.2	99.2
≥ 200	64.3	85.0	89.6	92.5	94.9	95.8	97.9	98.5	98.5	98.8	98.8	98.8	99.3	99.3	99.6	99.9
≥ 100	64.3	85.0	89.6	92.5	94.9	95.8	97.9	98.5	98.5	98.8	98.8	98.8	99.3	99.3	99.7	100.0
≥ 0	64.3	85.0	89.6	92.5	94.9	95.8	97.9	98.5	98.5	98.8	98.8	98.8	99.3	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 722

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	50.6	59.4	60.4	61.0	61.5	61.8	61.9	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 20000	55.0	64.9	65.8	66.5	67.1	67.4	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 18000	55.6	65.4	66.4	67.1	67.6	67.9	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 6000	55.6	65.4	66.4	67.1	67.6	67.9	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 14000	56.1	66.1	67.1	67.8	68.3	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 12000	57.8	67.9	69.0	69.7	70.3	70.6	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 10000	61.3	72.6	74.0	74.7	75.3	75.6	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000	61.8	73.6	75.0	75.7	76.3	76.5	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 8000	62.1	74.2	75.8	76.7	77.2	77.5	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000	62.5	74.7	76.5	77.4	77.9	78.2	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.6	78.8	78.8
≥ 6000	63.2	75.7	77.5	78.3	78.9	79.2	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 5000	64.4	77.2	79.0	79.9	80.4	80.7	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	64.4	77.5	79.3	80.1	80.7	81.0	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4000	64.7	78.6	80.6	81.5	82.2	82.5	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	65.3	79.4	81.4	82.4	83.1	83.3	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	66.0	80.4	82.4	83.3	84.2	84.4	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	67.6	83.3	85.3	86.3	87.1	87.4	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2000	68.6	85.7	87.8	88.9	90.0	90.4	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	69.7	87.4	89.4	90.6	91.7	92.1	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	70.8	88.6	91.0	92.1	93.2	93.6	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	72.2	90.4	92.9	94.2	95.6	96.0	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	72.8	91.0	93.5	94.7	96.1	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	73.1	91.4	93.9	95.1	96.5	96.9	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	73.2	91.7	94.2	95.4	96.8	97.2	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	73.3	91.9	94.4	95.8	97.2	97.6	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	96.3
≥ 600	73.3	91.9	94.6	96.0	97.4	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	73.5	92.1	94.7	96.3	97.6	98.1	98.6	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	73.5	92.1	94.7	96.3	97.6	98.1	98.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	73.5	92.1	94.7	96.3	97.8	98.2	98.8	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	73.5	92.1	94.7	96.3	97.8	98.2	98.8	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	73.5	92.1	94.7	96.3	97.8	98.2	98.8	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	73.5	92.1	94.7	96.3	97.8	98.2	98.8	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.1	61.0	61.3	61.3	61.5	61.5	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 20000	57.5	66.1	66.4	66.5	66.8	66.8	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000	57.9	66.5	66.8	66.9	67.2	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 17000	58.1	66.7	66.9	67.1	67.4	67.4	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 14000	58.5	67.1	67.4	67.5	67.8	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 12000	60.4	69.4	69.7	69.9	70.1	70.1	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 10000	63.6	74.0	74.4	74.7	75.0	75.0	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 9000	63.6	74.3	74.7	75.0	75.3	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000	64.0	74.9	75.3	75.7	76.1	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 7000	64.4	75.4	75.8	76.3	76.7	76.7	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 6000	64.7	75.8	76.3	76.7	77.1	77.1	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 5000	66.0	77.6	78.1	78.5	78.9	78.9	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500	66.5	78.6	79.2	79.6	80.0	80.0	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4000	68.3	81.1	81.7	82.4	83.3	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	68.6	82.6	83.2	83.9	84.9	84.9	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3000	71.0	86.0	86.5	87.2	88.2	88.2	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2500	73.1	89.6	90.1	91.0	91.9	91.9	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	75.1	92.2	92.8	93.6	94.6	94.6	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	75.8	93.2	94.0	95.0	96.0	96.0	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	76.0	93.6	94.6	95.7	96.7	96.7	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	76.3	94.2	95.1	96.3	97.2	97.2	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	76.4	94.6	95.7	96.8	97.8	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	76.5	94.7	95.8	96.9	97.9	97.9	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	76.7	94.9	96.1	97.6	98.6	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	76.7	94.9	96.1	97.6	98.6	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	76.7	94.9	96.1	97.9	98.9	98.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	76.9	95.1	96.4	98.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	76.9	95.1	96.4	98.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	76.9	95.1	96.4	98.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	76.9	95.1	96.4	98.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.9	95.1	96.4	98.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	76.9	95.1	96.4	98.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	59.4	64.6	64.7	64.7	65.4	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 20000	64.0	70.3	70.4	70.6	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 18000	64.0	70.3	70.4	70.6	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 6000	64.2	70.4	70.6	70.7	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 14000	64.2	70.6	70.7	70.8	71.5	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 2000	66.1	72.6	72.8	72.9	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 10000	68.9	75.7	75.8	76.0	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 9000	69.3	76.4	76.5	76.7	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 8000	70.7	78.5	78.8	78.9	79.6	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000	71.4	79.4	79.7	79.9	80.6	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 6000	71.8	80.1	80.4	80.6	81.3	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 5000	72.5	81.3	81.5	81.7	82.4	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500	73.2	82.2	82.6	82.8	83.5	83.8	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4000	74.6	84.6	85.0	85.1	86.3	86.5	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	75.8	86.5	87.1	87.2	88.3	88.8	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3000	78.3	89.6	90.1	90.3	91.4	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	80.0	91.9	92.6	93.1	94.2	94.6	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	82.2	94.4	95.1	95.6	96.7	97.1	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	82.2	94.4	95.1	95.6	96.7	97.1	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	82.4	94.6	95.6	96.0	97.1	97.5	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	82.6	95.1	96.1	96.5	97.6	98.1	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	82.8	95.4	96.4	96.8	97.9	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	83.2	95.8	96.8	97.2	98.3	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	83.3	96.0	96.9	97.4	98.5	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	83.3	96.1	97.1	97.5	98.6	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	83.3	96.1	97.2	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	83.3	96.1	97.2	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	83.3	96.1	97.2	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	83.3	96.1	97.2	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	83.3	96.1	97.2	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	83.3	96.1	97.2	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	83.3	96.1	97.2	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947 (STATION) | KANSAS CITY INTL MO (STATION NAME) | 73-80 (YEARS) | JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	64.3	71.5	71.9	71.9	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 20000	69.6	77.6	78.1	78.1	78.1	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 18000	69.6	77.6	78.1	78.1	78.1	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 9000	69.6	77.6	78.1	78.1	78.1	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 14000	70.3	78.5	78.9	78.9	78.9	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	71.0	79.7	80.1	80.1	80.1	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 10000	72.2	81.5	81.9	81.9	81.9	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 9000	73.3	82.6	83.2	83.3	83.3	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 8000	74.6	84.3	85.0	85.1	85.1	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 7000	75.3	85.1	85.8	86.0	86.0	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000	76.1	86.0	86.7	86.8	86.8	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 5000	76.4	86.8	87.5	87.6	87.6	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500	76.8	87.5	88.3	88.5	88.5	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4000	78.1	89.6	90.6	90.7	90.8	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	79.2	91.3	92.2	92.4	92.5	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3000	80.3	92.9	93.9	94.0	94.2	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2500	81.3	94.0	95.0	95.1	95.3	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	81.8	95.1	96.1	96.4	96.5	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	81.8	95.3	96.3	96.5	96.8	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	81.8	95.4	96.4	96.7	96.9	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 1200	81.8	95.7	96.7	96.9	97.2	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
≥ 1000	81.8	95.7	96.8	97.1	97.4	98.1	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.8
≥ 900	81.8	95.7	96.8	97.1	97.4	98.1	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.8
≥ 800	82.4	96.4	97.5	97.8	98.1	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 700	82.4	96.5	97.6	97.9	98.2	98.9	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6
≥ 600	82.4	96.5	97.6	97.9	98.2	98.9	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6
≥ 500	82.5	96.8	97.9	98.2	98.5	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 400	82.5	96.8	97.9	98.3	98.6	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	82.5	96.8	97.9	98.3	98.6	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	82.5	96.8	97.9	98.3	98.6	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	82.5	96.8	97.9	98.3	98.6	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	82.5	96.8	97.9	98.3	98.6	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03947	KANSAS CITY INTL MO	73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISBLTY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	69.5	73.1	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 20000	71.1	76.1	76.4	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 18000	71.4	76.4	76.7	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	71.4	76.4	76.7	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	72.4	77.4	77.6	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	74.2	79.4	79.7	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 10000	76.5	82.2	82.5	82.8	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	77.6	83.3	83.6	83.9	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 8000	78.9	85.0	85.3	85.6	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 7000	79.4	85.6	86.0	86.3	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000	80.6	87.1	87.5	87.8	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 5000	81.0	87.9	88.3	88.8	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4500	81.8	89.3	89.7	90.1	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4000	83.6	91.3	91.7	92.1	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8
≥ 3500	84.3	92.2	92.6	93.1	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.8	93.8	93.8	93.8
≥ 3000	85.1	93.1	93.5	93.9	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6
≥ 2500	85.9	93.8	94.2	94.6	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.3	95.3	95.3	95.3
≥ 2000	86.5	94.6	95.1	95.8	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 1800	86.8	95.0	95.6	96.4	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.1
≥ 1500	86.9	95.6	96.1	97.1	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8
≥ 1200	86.9	95.6	96.1	97.1	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8
≥ 1000	87.1	95.8	96.4	97.4	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1
≥ 900	87.1	95.8	96.4	97.4	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1
≥ 800	87.1	96.1	96.7	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 700	87.4	96.5	97.1	98.1	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8
≥ 600	87.6	96.8	97.4	98.3	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 500	87.8	97.2	97.9	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	87.8	97.4	98.1	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	87.8	97.4	98.1	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	87.8	97.4	98.1	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	87.8	97.4	98.1	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	87.8	97.4	98.1	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7047	KANSAS CITY INTL MO	73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	=0
NO CEILING	57.7	65.3	66.1	66.5	66.8	67.0	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 20000	61.4	69.7	70.6	71.1	71.5	71.7	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 18000	61.5	69.9	70.8	71.3	71.6	71.9	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 17000	61.6	69.9	70.8	71.3	71.7	71.9	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000	62.2	70.6	71.6	72.0	72.4	72.7	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 12000	63.9	72.6	73.6	74.1	74.5	74.7	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 10000	67.0	76.4	77.5	78.0	78.4	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 9000	67.8	77.3	78.5	79.0	79.4	79.7	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 8000	69.0	78.8	80.1	80.7	81.1	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 7000	69.5	79.5	80.9	81.5	81.9	82.2	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 6000	70.2	80.5	81.9	82.4	82.9	83.2	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 5000	71.0	81.7	83.1	83.7	84.2	84.5	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4500	71.7	82.7	84.2	84.8	85.3	85.6	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000	72.9	84.5	86.0	86.7	87.4	87.7	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	73.6	85.7	87.3	87.9	88.6	88.9	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	74.9	87.4	89.0	89.7	90.4	90.7	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	76.0	89.1	90.7	91.4	92.1	92.4	92.8	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
≥ 2000	77.0	90.6	92.3	93.1	93.9	94.2	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	77.4	91.1	92.9	93.8	94.5	94.9	95.3	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	77.8	91.8	93.6	94.6	95.4	95.7	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	78.2	92.5	94.4	95.3	96.2	96.5	97.0	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 1000	78.5	93.0	94.9	95.9	96.7	97.1	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 900	78.7	93.1	95.1	96.1	96.9	97.3	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 800	78.8	93.4	95.3	96.4	97.3	97.6	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	78.9	93.6	95.7	96.8	97.6	98.0	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.9	98.5
≥ 600	79.0	93.7	95.8	97.0	97.8	98.2	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	79.1	93.9	96.0	97.2	98.1	98.5	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	79.1	93.9	96.1	97.4	98.3	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	79.2	94.0	96.1	97.4	98.3	98.7	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	79.2	94.0	96.1	97.4	98.4	98.7	99.3	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 100	79.2	94.0	96.1	97.4	98.4	98.7	99.3	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 0	79.2	94.0	96.1	97.4	98.4	98.7	99.3	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5760

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7947 — STATION
KANSAS CITY INTL MO — STATION NAME
73-80 — YEARS
JUL — MONTH
0000-0400 — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥½	≥1	≥1½	≥2	≥2½	≥3	≥4	≥5	≥6	≥7	≥8	≥9	≥9 5/16	≥10	≥0
NO CEILING	70.6	74.1	74.7	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 20000	73.3	76.7	77.4	78.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 18000	73.3	76.7	77.4	78.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000	73.3	76.7	77.4	78.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 14000	74.1	78.2	78.9	80.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 12000	77.3	81.2	81.9	83.2	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 10000	80.6	85.6	86.3	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	81.7	86.8	87.5	89.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 8000	82.1	87.2	87.9	89.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 7000	82.8	87.9	88.7	90.5	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	83.9	89.0	89.8	91.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 5000	84.8	89.9	90.7	92.5	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500	85.2	90.3	91.1	92.9	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000	86.3	91.9	92.7	94.5	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3500	86.4	92.1	92.9	94.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3000	86.7	92.3	93.1	94.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2500	87.4	93.3	94.1	95.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	87.8	93.8	94.6	96.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	88.2	94.4	95.2	96.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	88.2	94.8	95.7	97.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	88.2	94.9	96.0	97.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	88.3	95.0	96.1	97.8	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	88.3	95.0	96.1	97.8	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	88.3	95.0	96.1	97.8	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	88.6	95.3	96.4	98.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	88.6	95.3	96.4	98.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	88.6	95.3	96.4	98.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	88.6	95.3	96.4	98.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	88.6	95.3	96.4	98.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	88.6	95.3	96.4	98.3	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	88.6	95.3	96.4	98.3	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	88.6	95.3	96.4	98.3	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947 — STATION
KANSAS CITY INTL MO — STATION NAME
73-82 — YEARS
JUL — MONTH
1300-1500 — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	63.4	66.9	68.7	70.3	71.5	71.5	71.6	71.8	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.4
≥ 20000	66.5	70.6	72.6	74.5	75.7	75.7	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.2	76.6
≥ 18000	66.5	70.6	72.6	74.5	75.7	75.7	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.2	76.6
≥ 17000	66.5	70.6	72.6	74.5	75.7	75.7	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.2	76.6
≥ 14000	67.1	71.1	73.1	75.3	76.2	76.2	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.7	77.2
≥ 12000	69.8	73.9	75.9	77.8	79.0	79.0	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.6	80.1
≥ 10000	73.4	77.8	80.1	82.0	83.2	83.2	83.3	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.7	84.1
≥ 9000	74.7	79.3	81.7	83.9	85.1	85.1	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.8	86.2
≥ 8000	75.7	80.4	82.8	85.2	86.6	86.6	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.6
≥ 7000	75.8	80.5	82.9	85.3	86.8	86.8	87.1	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.5	87.9
≥ 6000	76.9	81.7	84.1	86.6	88.0	88.0	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.7	89.1
≥ 5000	78.8	84.3	86.7	89.4	90.9	90.9	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.9
≥ 4500	79.3	85.1	87.5	90.2	91.7	91.7	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.5	92.9
≥ 4000	80.4	86.2	88.6	91.3	92.7	92.7	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.5	94.0
≥ 3500	80.4	86.3	88.7	91.4	92.9	92.9	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.7	94.1
≥ 3000	81.2	87.1	89.5	92.2	93.7	93.7	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.5	94.9
≥ 2500	81.6	87.8	90.2	93.0	94.5	94.5	94.9	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.3	95.7
≥ 2000	82.1	88.6	91.0	93.8	95.3	95.3	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.1	96.5
≥ 1800	82.4	89.2	91.7	94.5	96.0	96.0	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.8	97.2
≥ 1500	82.5	89.7	92.1	94.9	96.4	96.4	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.2	97.6
≥ 1200	82.5	89.7	92.1	94.9	96.4	96.4	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.2	97.6
≥ 1000	82.5	89.8	92.2	95.0	96.5	96.6	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.8
≥ 900	82.5	89.9	92.3	95.4	96.9	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.8	98.3
≥ 800	82.5	89.9	92.3	95.4	96.9	97.0	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.8	98.3
≥ 700	82.5	90.1	92.5	95.6	97.0	97.2	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	98.0	98.4
≥ 600	82.5	90.1	92.5	95.8	97.3	97.4	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.3	98.7
≥ 500	82.5	90.1	92.5	95.8	97.3	97.4	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.3	98.7
≥ 400	82.5	90.1	92.6	96.1	97.6	97.7	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.9
≥ 300	82.5	90.1	92.6	96.2	97.7	97.8	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.8	99.2
≥ 200	82.5	90.1	92.6	96.2	97.7	97.8	98.5	98.7	98.7	98.8	98.8	98.8	98.9	98.9	99.1	99.5
≥ 100	82.5	90.1	92.6	96.2	97.7	97.8	98.7	98.8	98.8	98.9	98.9	98.9	99.3	99.3	99.5	100.0
≥ 0	82.5	90.1	92.6	96.2	97.7	97.8	98.7	98.8	98.8	98.9	98.9	98.9	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

CLIMATIC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7947	KANSAS CITY INTL MO	73-80	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	53.1	62.0	63.3	66.4	67.9	68.5	69.4	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.6
≥ 20000	56.6	66.0	67.6	70.8	72.3	73.0	73.9	73.9	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.2
≥ 18000	56.7	66.1	67.7	71.0	72.4	73.1	74.	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3
≥ 5000	56.7	66.1	67.7	71.0	72.4	73.1	74.1	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3
≥ 14000	56.9	66.3	67.9	71.1	72.6	73.3	74.3	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7
≥ 12000	59.2	67.9	69.5	72.7	74.2	74.9	75.9	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3
≥ 10000	63.6	74.3	75.9	79.4	80.9	81.7	82.8	82.9	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.2
≥ 9000	65.3	76.3	78.0	81.5	82.9	83.7	84.8	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2
≥ 8000	66.0	77.3	79.2	82.7	84.1	84.9	86.0	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4
≥ 7000	66.3	77.7	79.6	83.2	84.7	85.5	86.6	86.7	86.7	86.8	86.8	86.8	87.0	87.0	87.0	87.0
≥ 6000	67.7	79.6	81.6	85.2	86.7	87.5	88.6	88.7	88.7	88.8	88.8	88.8	89.0	89.0	89.0	89.0
≥ 5000	68.7	80.9	82.9	86.8	88.3	89.1	90.2	90.3	90.3	90.5	90.5	90.5	90.6	90.6	90.6	90.6
≥ 4500	68.8	81.0	83.3	87.4	88.8	89.7	90.7	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 4000	69.8	82.3	84.5	88.7	90.3	91.1	92.2	92.3	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.6
≥ 3500	69.8	82.3	84.5	88.7	90.3	91.1	92.2	92.3	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.6
≥ 3000	70.3	82.9	85.3	89.5	91.3	92.1	93.1	93.4	93.4	93.5	93.5	93.5	93.7	93.7	93.7	93.7
≥ 2500	70.6	83.2	85.8	89.9	91.7	92.5	93.5	93.8	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 2000	70.9	84.0	86.6	90.9	92.6	93.4	94.5	94.8	94.8	95.0	95.0	95.0	95.2	95.2	95.2	95.2
≥ 1800	70.8	84.1	86.7	91.0	92.7	93.5	94.6	94.9	94.9	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 1500	70.8	84.1	86.7	91.0	92.7	93.5	94.6	94.9	94.9	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 1200	70.8	84.1	86.7	91.3	93.1	94.0	95.0	95.3	95.3	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 1000	70.8	84.4	87.0	91.7	93.7	94.5	95.6	95.8	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 900	70.8	84.4	87.2	91.9	94.0	94.8	95.8	96.1	96.1	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 800	70.8	84.4	87.2	91.9	94.0	94.8	95.8	96.1	96.1	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 700	70.8	84.4	87.2	91.9	94.1	94.9	96.0	96.2	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 600	70.8	84.4	87.5	92.3	94.5	95.3	96.4	96.6	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 500	70.8	84.4	87.5	92.5	94.9	95.8	97.0	97.4	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 400	70.8	84.5	88.0	93.0	95.6	96.6	97.8	98.3	98.3	98.5	98.5	98.5	98.7	98.7	98.7	98.7
≥ 300	70.8	84.5	88.0	93.0	95.7	96.9	98.3	98.9	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	70.8	84.5	88.0	93.0	95.7	96.9	98.3	98.9	98.9	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 100	70.8	84.5	88.0	93.0	95.7	96.9	98.3	98.9	98.9	99.6	99.7	99.7	99.9	99.9	99.9	100.0
≥ 0	70.8	84.5	88.0	93.0	95.7	96.9	98.3	98.9	98.9	99.6	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7947	KANSAS CITY INTL MO	73-80	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	65.1	66.3	67.5	68.1	69.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 20000	59.8	72.3	73.5	74.6	76.1	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	60.1	72.6	73.8	74.9	76.3	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 17000	60.1	72.6	73.8	74.9	76.3	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 14000	60.5	73.4	74.6	75.7	77.3	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 12000	61.8	75.4	76.6	77.7	79.3	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 10000	64.2	79.0	80.4	81.5	83.5	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 9000	65.2	80.0	81.3	82.4	84.4	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 8000	65.7	81.3	82.8	83.9	86.0	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 7000	66.0	81.6	83.1	84.1	86.3	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000	66.9	83.1	84.5	85.6	87.8	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 5000	67.6	83.9	85.3	86.4	88.6	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4500	67.9	84.1	85.8	86.8	89.0	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4000	68.8	85.3	87.0	88.0	90.2	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	69.2	85.9	87.5	88.6	90.7	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000	69.6	86.4	88.2	89.2	91.4	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	69.8	87.0	88.8	90.2	92.3	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	69.9	88.4	90.5	91.9	94.2	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	69.9	88.7	90.7	92.2	94.5	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	70.0	89.4	91.5	93.1	95.4	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	70.2	89.9	92.1	93.7	96.0	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	70.3	90.3	92.5	94.1	96.4	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	70.3	90.5	92.6	94.2	96.5	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	70.4	90.7	93.1	94.6	96.9	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	70.6	90.9	93.3	95.3	97.7	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	70.6	90.9	93.3	95.3	97.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	70.6	90.9	93.3	95.3	98.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 400	70.6	90.9	93.3	95.3	98.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 300	70.6	90.9	93.3	95.3	98.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200	70.6	90.9	93.3	95.3	98.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	70.6	90.9	93.3	95.3	98.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	70.6	90.9	93.3	95.3	98.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03947 (STATION) | KANSAS CITY INTL MO (STATION NAME) | 73-80 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	59.4	66.6	68.1	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 20000	62.7	71.3	72.8	73.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 18000	63.3	72.0	73.5	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 16000	63.3	72.0	73.5	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 14000	63.3	72.0	73.8	74.3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 12000	64.5	74.0	75.8	76.3	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 10000	65.9	76.6	78.3	78.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 9000	67.0	77.9	79.7	80.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 8000	67.7	79.8	82.0	82.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 7000	68.0	80.2	82.4	83.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 6000	68.5	80.9	83.0	83.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 5000	69.7	82.1	84.3	85.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4500	69.7	82.4	84.5	85.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4000	70.7	83.8	86.0	86.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3500	71.6	84.8	87.1	88.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3000	72.4	86.0	88.3	89.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	73.5	88.2	90.4	91.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	75.2	91.3	93.5	95.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	75.2	91.4	93.8	95.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	76.2	92.9	95.6	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	76.2	92.9	95.6	97.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	76.2	92.9	95.7	97.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	76.2	92.9	95.8	97.3	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	76.2	92.9	95.8	97.3	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	76.2	92.9	95.8	97.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	76.3	93.0	96.0	97.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	76.3	93.0	96.0	97.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	76.4	93.1	96.1	97.6	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	76.4	93.3	96.2	97.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	76.4	93.3	96.2	97.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.4	93.3	96.2	97.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	76.4	93.3	96.2	97.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7947	KANSAS CITY INTL MO	73-80	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	61.4	68.5	69.1	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	67.2	74.7	75.3	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 18000	67.2	74.7	75.3	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 17000	67.2	74.7	75.3	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 14000	68.0	75.7	76.2	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 12000	69.9	77.8	78.4	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 10000	72.4	81.6	82.4	84.1	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 9000	73.4	82.8	83.6	85.3	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 8000	74.7	85.3	86.4	88.2	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 7000	74.9	85.6	86.7	88.4	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000	75.4	86.2	87.2	89.0	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 5000	76.9	87.9	89.1	90.9	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4500	76.9	88.0	89.2	91.3	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4000	77.7	89.1	90.3	92.3	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	78.0	89.5	90.7	92.7	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3000	78.8	91.0	92.3	94.4	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	79.6	92.2	93.7	95.7	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2000	80.9	94.1	96.0	98.0	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	81.2	94.5	96.4	98.4	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	81.2	94.6	96.5	98.5	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	81.2	94.6	96.5	98.5	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	81.2	94.6	96.5	98.5	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	81.2	94.6	96.6	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	81.2	94.6	96.8	98.9	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	81.2	94.6	96.8	98.9	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	81.2	94.6	96.8	98.9	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	81.2	94.6	96.8	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	81.2	94.6	96.8	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	81.2	94.6	96.8	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	81.2	94.6	96.8	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	81.2	94.6	96.8	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	81.2	94.6	96.8	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03947	KANSAS CITY INTL MO	73-80	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥5/16	≥0
NO CEILING	64.4	76.8	71.5	74.1	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 20000	71.5	78.5	79.3	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 18000	71.5	78.5	79.3	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 16000	71.5	78.5	79.3	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 14000	71.9	79.0	79.8	82.4	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 12000	73.8	81.0	81.9	84.4	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 10000	75.9	83.7	84.8	87.5	87.6	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 9000	76.5	84.4	85.5	88.2	88.3	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 8000	77.2	85.5	86.7	89.4	89.5	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 7000	77.3	85.6	87.2	89.9	90.1	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 6000	78.3	86.4	88.0	90.7	90.9	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 5000	78.4	87.5	89.1	91.8	91.9	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4500	78.6	88.2	89.8	92.6	92.7	92.7	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4000	79.6	89.2	90.9	93.7	93.8	93.8	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3500	79.7	89.4	91.0	93.8	94.0	94.0	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3000	80.1	89.9	91.5	94.4	94.5	94.5	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	80.6	91.0	92.7	95.6	95.7	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	81.7	92.7	94.6	97.4	97.6	97.6	98.1	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	81.7	92.9	94.8	97.6	97.7	97.7	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	81.7	92.9	94.8	97.6	97.7	97.7	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	81.7	93.3	95.3	98.1	98.3	98.3	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	82.1	93.7	95.7	98.5	98.7	98.7	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	82.1	93.7	95.7	98.5	98.7	98.7	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	82.1	93.8	96.0	98.8	98.9	98.9	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	82.1	93.8	96.0	98.8	98.9	98.9	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	82.1	93.8	96.0	98.8	98.9	98.9	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	82.1	93.8	96.0	98.8	98.9	98.9	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	82.1	93.8	96.0	98.8	98.9	98.9	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	82.3	94.0	96.1	98.9	99.1	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	82.3	94.0	96.1	98.9	99.1	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	82.3	94.0	96.1	98.9	99.1	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	82.3	94.0	96.1	98.9	99.1	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947	KANSAS CITY INTL MO	73-80	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2130-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	70.6	76.7	77.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 20000	74.7	80.9	81.7	82.9	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 18000	74.7	80.9	81.7	82.9	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 17000	74.7	80.9	81.7	82.9	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 14000	75.3	81.6	82.4	83.6	83.7	83.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 12000	77.2	83.7	84.5	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 10000	80.1	87.6	88.4	89.8	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 9000	80.2	88.2	89.0	90.3	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 8000	80.8	88.7	89.5	90.9	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 7000	81.3	89.4	90.2	91.5	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 6000	81.9	89.9	90.7	92.1	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	82.3	90.7	91.5	92.9	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4500	82.8	91.4	92.3	93.7	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4000	83.5	92.2	93.1	94.5	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3500	83.7	92.7	93.7	95.0	95.7	95.7	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	84.1	93.3	94.2	95.6	96.2	96.2	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2500	84.5	93.7	94.9	96.1	96.8	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000	84.7	94.2	95.3	96.6	97.3	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	85.1	94.6	95.8	97.2	97.8	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	85.2	94.9	96.1	97.4	98.1	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7
≥ 1200	85.3	95.0	96.2	97.7	98.4	98.4	98.5	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 1000	85.3	95.0	96.2	97.8	98.5	98.5	98.7	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1
≥ 900	85.3	95.0	96.2	97.8	98.5	98.5	98.7	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1
≥ 800	85.6	95.3	96.6	98.4	99.1	99.1	99.2	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 700	85.8	95.4	96.9	98.7	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 600	85.8	95.4	96.9	98.7	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 500	85.8	95.4	96.9	98.7	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 400	85.8	95.4	96.9	98.7	99.3	99.3	99.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	85.8	95.4	96.9	98.7	99.3	99.3	99.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	85.8	95.4	96.9	98.7	99.3	99.3	99.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	85.8	95.4	96.9	98.7	99.3	99.3	99.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
= 0	85.8	95.4	96.9	98.7	99.3	99.3	99.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947	KANSAS CITY INTL MO	73-80	JUL	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.2	69.0	70.1	71.6	72.3	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7
≥ 20000	66.5	73.9	75.0	76.7	77.4	77.6	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 18000	66.6	74.0	75.2	76.8	77.6	77.7	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1
≥ 16000	66.6	74.0	75.2	76.8	77.6	77.7	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1
≥ 14000	67.1	74.7	75.8	77.5	78.3	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8
≥ 12000	69.1	76.9	78.1	79.8	80.5	80.7	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 10000	72.0	80.8	82.1	83.9	84.8	85.0	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 9000	73.0	82.0	83.3	85.1	86.1	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7
≥ 8000	73.7	83.2	84.7	86.6	87.5	87.7	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.2
≥ 7000	74.0	83.6	85.1	87.0	88.0	88.2	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.7
≥ 6000	74.9	84.6	86.1	88.1	89.1	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7
≥ 5000	75.9	85.9	87.5	89.5	90.5	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 4500	76.2	86.3	88.0	90.0	91.1	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7
≥ 4000	77.1	87.5	89.1	91.2	92.4	92.5	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
≥ 3500	77.3	87.9	89.5	91.6	92.8	92.9	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5
≥ 3000	77.9	88.6	90.3	92.5	93.6	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
≥ 2500	78.4	89.5	91.3	93.5	94.7	94.8	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 2000	79.1	90.9	92.8	95.0	96.2	96.4	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0
≥ 1800	79.3	91.2	93.1	95.4	96.6	96.8	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 1500	79.5	91.6	93.6	95.9	97.1	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 1200	79.5	91.8	93.8	96.1	97.3	97.5	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 1000	79.6	92.0	94.0	96.3	97.6	97.9	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 900	79.6	92.0	94.1	96.5	97.7	98.1	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 800	79.7	92.1	94.2	96.7	97.9	98.2	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 700	79.7	92.2	94.4	96.8	98.2	98.5	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 600	79.7	92.2	94.4	96.9	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 500	79.7	92.2	94.4	97.0	98.4	98.7	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 400	79.8	92.2	94.5	97.1	98.5	98.9	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 300	79.8	92.3	94.5	97.1	98.6	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 200	79.8	92.3	94.5	97.1	98.6	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 100	79.8	92.3	94.5	97.1	98.6	99.0	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	79.8	92.3	94.5	97.1	98.6	99.0	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5951

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	73-80	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	69.3	71.5	72.4	72.8	72.8	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 20000	71.5	74.9	75.8	76.2	76.2	76.6	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 18000	71.5	74.9	75.8	76.2	76.2	76.6	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 16000	71.5	74.9	75.8	76.2	76.2	76.6	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 14000	72.6	75.9	76.9	77.3	77.3	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 12000	75.0	78.6	79.6	80.1	80.1	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 10000	78.9	82.7	83.6	84.1	84.1	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 9000	80.5	84.3	85.2	85.8	85.8	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 8000	81.9	85.6	86.6	87.1	87.1	87.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000	82.9	87.2	88.2	88.7	88.7	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000	84.1	88.8	89.8	90.3	90.3	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 5000	84.9	90.1	91.1	91.7	91.7	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4500	85.1	90.3	91.4	91.9	91.9	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4000	85.6	91.3	92.3	92.9	92.9	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500	86.2	91.8	92.9	93.4	93.4	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	86.8	93.1	94.2	94.8	94.8	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	87.4	93.8	94.9	95.4	95.4	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	87.8	94.5	95.6	96.1	96.2	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	88.0	94.8	95.8	96.4	96.5	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	88.7	95.6	96.6	97.2	97.3	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	88.7	95.6	96.6	97.2	97.3	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	89.0	95.8	96.9	97.4	97.6	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	89.0	95.8	96.9	97.4	97.6	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	89.0	95.8	96.9	97.4	97.6	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	89.0	95.8	96.9	97.4	97.7	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	89.1	96.1	97.2	97.7	98.1	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	89.2	96.2	97.3	97.8	98.4	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	89.2	96.6	97.7	98.3	98.8	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	89.2	96.8	97.8	98.4	98.9	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	89.2	96.8	97.8	98.4	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	89.2	96.8	97.8	98.4	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	89.2	96.8	97.8	98.4	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7947	KANSAS CITY INTL MO	73-80	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	60.5	65.3	66.8	68.1	68.5	68.5	68.8	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.4
≥ 20000	62.5	67.6	69.1	70.7	71.1	71.1	71.4	71.5	71.5	71.6	71.6	71.6	71.8	71.8	71.8	71.9
≥ 18000	62.6	67.7	69.2	70.8	71.2	71.2	71.5	71.6	71.6	71.8	71.8	71.8	71.9	71.9	71.9	72.0
≥ 16000	62.6	67.7	69.2	70.8	71.2	71.2	71.5	71.6	71.6	71.8	71.8	71.8	71.9	71.9	71.9	72.0
≥ 14000	63.2	68.3	69.9	71.5	71.9	71.9	72.2	72.3	72.3	72.4	72.4	72.4	72.6	72.6	72.6	72.7
≥ 12000	64.3	70.2	71.8	73.4	73.8	73.8	74.1	74.2	74.2	74.3	74.3	74.3	74.5	74.5	74.5	74.6
≥ 10000	68.7	74.9	76.5	78.1	78.5	78.5	78.8	78.9	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.3
≥ 9000	70.7	77.2	78.8	80.4	80.8	80.8	81.0	81.2	81.2	81.3	81.3	81.3	81.5	81.5	81.5	81.6
≥ 8000	71.2	78.0	79.6	81.2	81.6	81.6	81.9	82.0	82.0	82.1	82.1	82.1	82.3	82.3	82.3	82.4
≥ 7000	72.3	79.2	81.0	82.9	83.3	83.3	83.6	83.7	83.7	83.9	83.9	83.9	84.0	84.0	84.0	84.1
≥ 6000	73.3	80.2	82.3	84.1	84.5	84.5	84.8	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.3
≥ 5000	75.0	82.4	84.5	86.4	86.8	86.8	87.1	87.2	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.6
≥ 4500	76.6	84.3	86.4	88.3	88.7	88.7	89.0	89.1	89.1	89.2	89.2	89.2	89.4	89.4	89.4	89.5
≥ 4000	78.3	86.3	88.6	90.5	90.9	90.9	91.1	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.7
≥ 3500	78.0	86.3	88.7	90.6	91.1	91.1	91.4	91.5	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.9
≥ 3000	78.6	87.1	89.8	91.7	92.2	92.2	92.5	92.6	92.6	92.7	92.7	92.7	92.9	92.9	92.9	93.0
≥ 2500	79.0	87.6	90.5	92.3	92.9	92.9	93.1	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.7
≥ 2000	79.8	88.8	91.7	93.5	94.1	94.2	94.5	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.2
≥ 1800	80.0	89.1	91.9	93.8	94.4	94.5	94.8	95.0	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.4
≥ 1500	80.5	89.7	92.5	94.5	95.0	95.2	95.4	95.7	95.7	95.8	95.8	95.8	96.0	96.0	96.0	96.1
≥ 1200	80.9	90.2	93.0	95.0	95.6	95.7	96.0	96.2	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.6
≥ 1000	81.2	90.7	93.5	95.6	96.1	96.2	96.6	96.9	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.3
≥ 900	81.2	90.7	93.5	95.6	96.1	96.2	96.6	96.9	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.3
≥ 800	81.2	90.7	93.5	95.6	96.1	96.2	96.6	96.9	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.3
≥ 700	81.2	90.7	93.5	95.6	96.1	96.2	96.6	96.9	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.3
≥ 600	81.2	90.7	93.7	95.7	96.2	96.4	97.0	97.3	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.7
≥ 500	81.3	91.0	94.0	96.1	96.6	96.9	97.7	98.0	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.4
≥ 400	81.3	91.0	94.0	96.4	96.9	97.2	98.0	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.7
≥ 300	81.3	91.0	94.2	96.6	97.3	97.6	98.4	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.3
≥ 200	81.3	91.0	94.2	96.6	97.3	97.6	98.7	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.7
≥ 100	81.3	91.0	94.2	96.8	97.4	97.7	98.8	99.3	99.3	99.6	99.6	99.6	99.9	99.9	99.9	100.0
≥ 0	81.3	91.0	94.2	96.8	97.4	97.7	98.8	99.3	99.3	99.6	99.6	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	73-80	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	34.9	50.7	55.6	58.1	59.5	60.6	61.0	61.4	61.4	61.7	61.7	61.7	61.8	61.8	61.8	61.8
≥ 20000	37.4	54.0	59.3	62.0	63.4	64.7	65.1	65.5	65.5	65.7	65.7	65.7	65.9	65.9	65.9	65.9
≥ 18000	37.4	54.0	59.3	62.0	63.4	64.7	65.1	65.5	65.5	65.7	65.7	65.7	65.9	65.9	65.9	65.9
≥ 16000	37.4	54.0	59.3	62.0	63.4	64.7	65.1	65.5	65.5	65.7	65.7	65.7	65.9	65.9	65.9	65.9
≥ 14000	38.3	55.2	60.6	63.3	64.8	66.0	66.4	66.8	66.8	67.1	67.1	67.1	67.2	67.2	67.2	67.2
≥ 12000	40.6	57.7	63.4	66.3	67.7	69.0	69.5	69.9	69.9	70.2	70.2	70.2	70.3	70.3	70.3	70.3
≥ 10000	43.5	61.0	66.9	70.8	72.3	73.5	74.1	74.5	74.5	74.7	74.7	74.7	74.9	74.9	74.9	74.9
≥ 9000	44.6	62.9	68.8	72.8	74.3	75.5	76.1	76.5	76.5	76.7	76.7	76.7	76.9	76.9	76.9	76.9
≥ 8000	45.7	64.1	70.0	74.2	75.8	77.2	77.7	78.1	78.1	78.4	78.4	78.4	78.5	78.5	78.5	78.6
≥ 7000	46.5	65.1	71.0	75.5	77.2	78.5	79.0	79.4	79.4	79.7	79.7	79.7	79.8	79.8	79.8	80.0
≥ 6000	47.4	66.3	72.2	76.7	78.4	79.7	80.6	81.0	81.0	81.3	81.3	81.3	81.5	81.5	81.5	81.6
≥ 5000	49.5	68.5	74.6	79.2	80.8	82.1	83.1	83.5	83.5	83.7	83.7	83.7	83.9	83.9	83.9	84.0
≥ 4500	50.4	70.2	76.3	80.9	82.5	83.9	84.8	85.2	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.8
≥ 4000	51.7	71.6	77.8	82.4	84.0	85.3	86.3	86.7	86.7	87.0	87.0	87.0	87.1	87.1	87.1	87.2
≥ 3500	52.0	72.3	78.5	83.1	84.7	86.0	87.0	87.4	87.4	87.6	87.6	87.6	87.8	87.8	87.8	87.9
≥ 3000	52.6	73.1	79.7	84.3	85.9	87.2	88.2	88.6	88.6	88.8	88.8	88.8	89.0	89.0	89.0	89.1
≥ 2500	53.0	73.8	80.5	85.2	86.8	88.2	89.1	89.7	89.7	90.1	90.1	90.1	90.2	90.2	90.2	90.3
≥ 2000	53.4	74.3	81.0	86.0	87.6	89.0	89.9	90.6	90.6	91.1	91.1	91.1	91.3	91.3	91.3	91.4
≥ 1800	53.6	75.0	81.7	86.7	88.3	89.7	90.6	91.3	91.3	91.8	91.8	91.8	91.9	91.9	91.9	92.1
≥ 1500	53.9	75.5	82.3	87.2	88.8	90.2	91.1	91.8	91.8	92.3	92.3	92.3	92.5	92.5	92.5	92.6
≥ 1200	54.7	76.6	83.3	88.4	90.1	91.4	92.3	93.0	93.0	93.5	93.5	93.5	93.7	93.7	93.7	93.8
≥ 1000	54.8	76.7	83.5	88.7	90.3	91.7	92.7	93.4	93.4	94.0	94.0	94.0	94.1	94.1	94.1	94.2
≥ 900	54.8	76.7	83.5	88.7	90.5	91.9	93.0	93.7	93.7	94.2	94.2	94.2	94.4	94.4	94.4	94.5
≥ 800	54.8	76.9	83.7	89.0	90.9	92.3	93.7	94.4	94.4	94.9	94.9	94.9	95.0	95.0	95.0	95.2
≥ 700	54.8	77.0	83.9	89.1	91.0	92.5	94.2	94.9	94.9	95.4	95.4	95.4	95.7	95.7	95.7	95.9
≥ 600	54.8	77.0	83.9	89.5	91.9	93.4	95.3	96.0	96.0	96.5	96.5	96.5	96.8	96.8	96.8	96.9
≥ 500	54.8	77.2	84.0	89.7	92.3	93.8	95.7	96.4	96.4	97.2	97.2	97.2	97.4	97.4	97.4	97.6
≥ 400	55.0	77.3	84.1	89.8	92.6	94.2	96.1	97.2	97.2	98.0	98.0	98.0	98.3	98.3	98.3	98.4
≥ 300	55.0	77.3	84.1	89.8	92.6	94.2	96.2	97.4	97.4	98.3	98.3	98.3	98.8	98.8	98.8	98.9
≥ 200	55.0	77.3	84.1	89.8	92.6	94.2	96.2	97.4	97.4	98.3	98.3	98.3	98.9	98.9	99.1	99.3
≥ 100	55.0	77.3	84.3	89.9	92.7	94.5	96.5	97.7	97.7	98.7	98.7	98.7	99.3	99.3	99.5	99.7
≥ 0	55.1	77.3	84.3	89.9	92.7	94.5	96.5	97.7	97.7	98.7	98.7	98.7	99.3	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	73-80	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	43.8	58.2	61.9	64.4	64.8	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 20000	46.5	61.8	65.5	68.0	68.4	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	46.5	61.8	65.5	68.0	68.4	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 17000	46.5	61.8	65.5	68.0	68.4	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	46.8	62.2	65.9	68.4	68.8	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 12000	48.0	64.7	68.7	71.2	71.6	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 10000	51.7	69.6	73.7	76.7	77.2	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 9000	52.2	70.2	74.2	77.3	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 8000	54.6	73.0	77.2	80.5	80.9	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 7000	54.8	73.8	78.2	81.9	82.3	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 6000	55.4	74.9	79.6	83.2	83.6	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 5000	56.0	75.5	80.2	84.0	84.4	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4500	56.3	75.8	80.5	84.3	84.7	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4000	57.0	76.5	81.3	85.2	85.6	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3500	57.5	77.0	81.9	85.8	86.2	86.4	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3000	58.1	77.8	82.7	86.6	87.0	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2500	58.6	78.8	83.6	87.5	87.9	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000	59.4	80.0	84.8	88.8	89.2	89.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	59.9	80.8	85.6	89.7	90.1	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	60.5	81.7	86.6	90.7	91.1	91.4	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	60.8	82.0	87.0	91.3	91.8	92.1	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	61.0	82.7	87.8	92.2	92.7	93.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	61.2	82.8	88.0	92.5	93.1	93.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 800	61.6	83.2	88.6	93.3	94.1	94.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	61.8	83.5	88.8	93.8	94.8	95.3	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	61.8	83.7	89.1	94.5	95.6	96.1	97.2	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	61.8	84.0	89.4	94.9	96.0	96.5	97.6	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	61.8	84.3	89.8	95.3	96.4	96.9	98.4	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	61.8	84.3	89.9	95.4	96.5	97.0	98.7	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	61.8	84.3	89.9	95.4	96.5	97.0	98.7	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	61.8	84.3	89.9	95.4	96.5	97.0	98.7	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	61.8	84.3	89.9	95.4	96.5	97.0	98.7	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947 — STATION
KANSAS CITY INTL MO — STATION NAME
73-80 — YEARS
AUG — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 — HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	49.7	62.8	65.6	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 20000	53.6	67.1	69.9	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 18000	53.6	67.1	69.9	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 9000	53.6	67.1	69.9	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 5000	54.3	67.7	70.6	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 2900	55.8	70.3	73.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 1000	59.9	74.9	77.7	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 900	60.8	75.9	78.9	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 800	62.4	77.8	80.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 700	62.6	78.5	81.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 600	63.3	79.4	82.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 500	63.3	79.7	83.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 450	63.8	80.2	83.7	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 400	65.1	81.6	85.2	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 350	65.7	82.3	85.9	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 300	66.8	84.3	88.1	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 250	68.3	85.8	89.5	90.7	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 200	69.6	87.5	91.4	92.6	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 180	70.0	88.4	92.3	93.5	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 150	71.0	89.4	93.5	95.0	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 120	71.4	90.2	94.5	96.0	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 100	71.8	91.1	95.6	97.3	97.8	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 90	71.8	91.3	95.7	97.2	98.0	98.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 80	71.8	91.4	95.8	97.4	98.4	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 70	71.8	91.4	95.8	97.6	98.7	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 60	71.8	91.4	95.8	97.6	98.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 50	71.8	91.4	95.8	97.6	98.7	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 40	71.8	91.4	95.8	97.6	98.7	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 30	71.8	91.4	95.8	97.6	98.7	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	71.8	91.4	95.8	97.6	98.7	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	71.8	91.4	95.8	97.6	98.7	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	71.8	91.4	95.8	97.6	98.7	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03947	KANSAS CITY INTL MO	73-80	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	56.7	66.8	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 20000	60.3	71.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 18000	60.3	71.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000	60.3	71.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 14000	61.3	72.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 2000	63.3	74.6	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 10000	66.3	78.5	79.4	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 9000	66.9	79.7	80.8	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 8000	68.1	81.5	82.5	32.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 7000	68.7	82.1	83.3	33.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000	69.6	83.2	84.4	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 5000	71.0	84.8	86.0	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500	71.0	85.3	86.6	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4000	73.1	87.9	89.1	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3500	73.4	88.7	89.9	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	74.3	90.9	92.1	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	76.1	92.7	94.2	94.9	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2000	77.2	93.8	95.3	96.1	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	77.3	94.0	95.4	96.2	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	77.4	94.1	95.6	96.5	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	77.6	94.5	96.0	96.9	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	77.6	94.6	96.1	97.0	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	77.6	94.6	96.1	97.0	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	77.6	94.6	96.1	97.0	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	77.6	94.9	96.4	97.3	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	77.7	95.0	96.5	97.6	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	77.7	95.2	96.6	97.7	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	77.7	95.2	96.6	97.7	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	77.7	95.2	96.6	97.7	99.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	77.7	95.2	96.6	97.7	99.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	77.7	95.2	96.6	97.7	99.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	77.7	95.2	96.6	97.7	99.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 — STATION
KANSAS CITY INTL MO — STATION NAME
73-80 — YEARS
AUG — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 — HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0	≥ 0
NO CEILING	62.6	71.0	71.2	72.0	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 20000	69.6	78.8	79.1	79.8	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 18000	69.9	79.0	79.3	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 16000	69.9	79.0	79.3	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 14000	70.3	79.6	79.8	80.6	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 12000	72.3	81.9	82.1	82.9	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 10000	75.5	86.3	86.6	87.4	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 9000	76.6	87.5	87.8	88.6	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 8000	77.6	88.6	88.8	89.7	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	77.8	88.8	89.1	89.9	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 6000	79.2	90.2	90.5	91.3	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 5000	80.4	91.7	91.9	92.7	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500	80.4	92.1	92.6	93.5	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4000	81.5	93.4	94.1	95.0	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3500	81.7	93.8	94.5	95.4	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3000	82.1	94.2	94.9	96.0	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	82.4	94.8	95.6	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	82.5	95.2	96.0	97.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	82.5	95.2	96.2	97.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	82.7	95.3	96.4	97.4	97.8	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	82.7	95.6	96.6	97.7	98.1	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	82.8	95.7	96.8	97.8	98.3	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	82.8	95.8	96.9	98.0	98.8	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	82.8	95.8	96.9	98.0	98.8	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	82.8	95.8	96.9	98.0	98.8	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	82.9	96.0	97.2	98.3	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	82.9	96.0	97.2	98.3	99.2	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	82.9	96.0	97.3	98.3	99.2	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	82.9	96.0	97.2	98.3	99.2	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	82.9	96.0	97.2	98.3	99.2	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	82.9	96.0	97.2	98.3	99.2	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	82.9	96.0	97.2	98.3	99.2	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7947 | KANSAS CITY INTL MO | 73-80 | AUG
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	67.5	73.5	74.3	74.7	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 20000	71.1	77.4	78.2	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 18000	71.2	77.6	78.4	78.8	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 17000	71.2	77.6	78.4	78.8	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 14000	72.0	78.4	79.2	79.6	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 12000	74.3	80.8	81.6	82.0	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 10000	79.0	86.3	87.1	87.6	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 9000	79.6	86.8	87.6	88.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 8000	80.9	88.6	89.4	89.9	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	82.0	89.7	90.5	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	83.1	90.9	91.7	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 5000	83.6	91.8	92.6	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4500	84.4	92.7	93.5	94.1	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4000	85.1	93.5	94.4	94.9	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3500	85.1	93.5	94.4	94.9	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	85.2	93.8	94.8	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	85.8	94.4	95.4	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2000	86.3	95.0	96.1	96.8	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1800	86.7	95.7	96.8	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	87.1	96.2	97.3	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	87.1	96.4	97.4	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	87.1	96.5	97.6	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	87.1	96.5	97.6	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	87.1	96.5	97.6	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	87.1	96.5	97.6	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	87.1	96.6	97.8	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	87.1	96.6	97.8	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	87.1	96.6	98.0	99.1	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	87.1	96.6	98.1	99.2	99.5	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	87.1	96.6	98.1	99.2	99.5	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	87.1	96.6	98.1	99.2	99.5	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	87.1	96.6	98.1	99.2	99.5	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947 (STATION) KANSAS CITY INTL MO (STATION NAME) 73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	55.5	65.0	67.0	68.1	68.4	68.7	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 20000	59.1	69.2	71.2	72.4	72.7	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000	59.2	69.2	71.2	72.4	72.8	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4
≥ 16000	59.2	69.2	71.2	72.4	72.8	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4
≥ 14000	59.9	69.9	72.0	73.2	73.5	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 12000	61.3	72.3	74.5	75.7	76.1	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7
≥ 10000	65.5	76.8	78.9	80.4	80.8	81.1	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 9000	66.5	78.1	80.3	81.8	82.1	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8
≥ 8000	67.8	79.6	81.9	83.4	83.8	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5
≥ 7000	68.5	80.5	82.9	84.6	85.0	85.3	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 6000	69.4	81.7	84.2	85.9	86.3	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0
≥ 5000	70.4	83.1	85.5	87.2	87.7	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4
≥ 4500	71.0	83.9	86.4	88.1	88.5	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3
≥ 4000	72.1	85.3	87.9	89.6	90.0	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8
≥ 3500	72.4	85.7	88.3	90.1	90.5	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3
≥ 3000	73.1	86.8	89.5	91.3	91.7	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5
≥ 2500	73.8	87.7	90.5	92.4	92.9	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7
≥ 2000	74.5	88.6	91.5	93.4	93.9	94.3	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9
≥ 1800	74.8	89.1	92.0	93.9	94.4	94.8	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 1500	75.2	89.7	92.6	94.6	95.2	95.5	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 1200	75.5	90.1	93.1	95.1	95.8	96.1	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥ 1000	75.7	90.5	93.5	95.5	96.3	96.6	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 900	75.7	90.5	93.5	95.6	96.4	96.8	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6
≥ 800	75.7	90.6	93.6	95.8	96.6	97.1	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 700	75.8	90.7	93.7	95.9	96.8	97.3	97.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 600	75.8	90.8	93.9	96.2	97.2	97.7	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	75.8	90.9	94.0	96.4	97.5	97.9	98.5	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 400	75.9	91.0	94.2	96.5	97.6	98.1	98.8	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 300	75.9	91.1	94.2	96.6	97.7	98.2	99.0	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	75.9	91.1	94.2	96.6	97.7	98.2	99.0	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 100	75.9	91.1	94.3	96.7	97.8	98.3	99.1	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 0	75.9	91.1	94.3	96.7	97.8	98.3	99.1	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5952

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7347	KANSAS CITY INTL MO	73-80	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥6	≥5	≥4	≥3	≥2½	≥2	≥ 1½	≥1¼	≥1	≥ ¾	≥½	≥¼	≥5/16	≥ 0	≥0
NO CEILING	61.4	66.3	67.1	68.2	68.6	68.6	68.8	69.0	69.0	69.2	69.3	69.3	69.4	69.4	69.4	69.7
≥ 20000	64.0	69.0	69.9	71.0	71.4	71.4	71.5	71.8	71.8	71.9	72.1	72.1	72.2	72.2	72.2	72.5
≥ 18000	64.0	69.0	69.9	71.0	71.4	71.4	71.5	71.8	71.8	71.9	72.1	72.1	72.2	72.2	72.2	72.5
≥ 17000	64.0	69.0	69.9	71.0	71.4	71.4	71.5	71.8	71.8	71.9	72.1	72.1	72.2	72.2	72.2	72.5
≥ 14000	64.7	69.7	70.6	71.7	72.1	72.1	72.2	72.5	72.5	72.6	72.8	72.8	72.9	72.9	72.9	73.2
≥ 12000	66.4	71.4	72.2	73.3	73.8	73.8	73.9	74.2	74.2	74.3	74.4	74.4	74.6	74.6	74.6	74.9
≥ 10000	68.2	73.5	74.3	75.4	75.8	75.8	76.0	76.3	76.3	76.4	76.5	76.5	76.7	76.7	76.7	76.9
≥ 9000	69.2	75.0	75.8	76.9	77.4	77.4	77.5	77.8	77.8	77.9	78.1	78.1	78.2	78.2	78.2	78.5
≥ 8000	70.3	76.1	76.9	78.1	78.5	78.5	78.6	78.9	78.9	79.0	79.2	79.2	79.3	79.3	79.3	79.6
≥ 7000	70.8	76.7	77.5	78.6	79.0	79.0	79.2	79.4	79.4	79.6	79.7	79.7	79.9	79.9	79.9	80.1
≥ 6000	72.8	78.9	79.9	81.0	81.4	81.4	81.5	81.8	81.8	81.9	82.1	82.1	82.2	82.2	82.2	82.5
≥ 5000	73.6	79.9	80.8	81.9	82.4	82.4	82.5	82.8	82.8	82.9	83.1	83.1	83.2	83.2	83.2	83.5
≥ 4500	74.7	81.0	82.2	83.3	83.8	83.8	83.9	84.2	84.2	84.3	84.4	84.4	84.6	84.6	84.6	84.9
≥ 4000	75.1	81.7	83.1	84.2	84.6	84.6	84.7	85.0	85.0	85.1	85.3	85.3	85.4	85.4	85.4	85.7
≥ 3500	75.4	81.9	83.5	84.6	85.0	85.0	85.1	85.4	85.4	85.6	85.7	85.7	85.8	85.8	85.8	86.1
≥ 3000	76.7	83.3	85.1	86.4	86.8	86.8	86.9	87.2	87.2	87.4	87.5	87.5	87.6	87.6	87.6	87.9
≥ 2500	78.1	85.1	86.9	88.2	88.8	88.8	88.9	89.2	89.2	89.3	89.4	89.4	89.6	89.6	89.6	89.9
≥ 2000	78.8	86.4	88.3	89.7	90.3	90.3	90.4	90.7	90.7	90.8	91.0	91.0	91.1	91.1	91.1	91.4
≥ 1800	79.0	86.7	88.6	90.0	90.6	90.6	90.7	91.0	91.0	91.1	91.3	91.3	91.4	91.4	91.4	91.7
≥ 1500	79.7	87.4	89.3	90.7	91.3	91.3	91.4	91.7	91.7	91.8	91.9	91.9	92.1	92.1	92.1	92.4
≥ 1200	80.3	87.9	89.9	91.3	91.9	91.9	92.1	92.5	92.5	92.6	92.8	92.8	92.9	92.9	92.9	93.2
≥ 1000	80.4	88.2	90.1	91.5	92.4	92.5	92.6	93.1	93.1	93.2	93.3	93.3	93.5	93.5	93.5	93.8
≥ 900	80.6	88.8	90.8	92.2	93.2	93.5	93.6	94.0	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.7
≥ 800	80.7	89.2	91.3	92.8	93.8	94.0	94.2	94.6	94.6	94.7	94.9	94.9	95.0	95.0	95.0	95.3
≥ 700	80.8	89.6	91.7	93.2	94.6	95.0	95.1	95.6	95.6	95.7	95.8	95.8	96.0	96.0	96.0	96.3
≥ 600	80.8	89.9	92.2	93.9	95.6	96.0	96.1	96.5	96.5	96.7	96.8	96.8	97.1	97.1	97.1	97.4
≥ 500	81.0	90.0	92.4	94.3	96.0	96.4	96.5	96.9	96.9	97.1	97.2	97.2	97.5	97.5	97.5	97.8
≥ 400	81.1	90.3	92.8	95.0	96.7	97.1	97.4	97.8	97.8	97.9	98.1	98.1	98.3	98.3	98.3	98.6
≥ 300	81.1	90.4	93.1	95.3	97.1	97.5	97.8	98.2	98.2	98.3	98.6	98.6	99.0	99.0	99.0	99.3
≥ 200	81.1	90.4	93.1	95.3	97.1	97.5	97.8	98.2	98.2	98.5	98.9	98.9	99.4	99.4	99.4	99.7
≥ 100	81.1	90.4	93.1	95.3	97.1	97.5	97.8	98.2	98.2	98.5	98.9	98.9	99.6	99.6	99.6	100.0
≥ 0	81.1	90.4	93.1	95.3	97.1	97.5	97.8	98.2	98.2	98.5	98.9	98.9	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS ___ 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	73-80	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	59.2	63.8	64.3	65.1	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.3	66.3	66.4	66.5
≥ 20000	60.6	65.3	65.6	66.7	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.8	67.8	67.9	68.1
≥ 18000	60.6	65.3	65.6	66.7	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.8	67.8	67.9	68.1
≥ 17000	60.6	65.3	65.6	66.7	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.8	67.8	67.9	68.1
≥ 14000	61.4	66.3	66.5	67.6	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.8	68.8	68.9	69.0
≥ 12000	62.5	67.4	67.6	68.8	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.9	69.9	70.0	70.1
≥ 10000	64.7	69.6	69.9	71.0	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.1	72.1	72.2	72.4
≥ 9000	65.9	71.3	71.5	72.8	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.9	73.9	74.0	74.2
≥ 8000	67.9	73.5	73.8	75.0	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.1	76.1	76.3	76.4
≥ 7000	68.3	73.9	74.2	75.4	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.7	76.8
≥ 6000	69.2	74.7	75.0	76.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4	77.4	77.5	77.6
≥ 5000	70.1	75.7	76.1	77.4	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.5	78.5	78.6	78.8
≥ 4500	71.0	76.8	77.2	78.5	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.7	79.7	79.9	80.0
≥ 4000	71.9	77.8	78.2	79.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.7	80.7	80.8	81.0
≥ 3500	72.4	78.3	79.8	80.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.4	81.4	81.5	81.7
≥ 3000	73.6	80.1	80.7	82.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.6	83.6	83.8	83.9
≥ 2500	74.3	81.4	82.2	83.8	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.3	85.4
≥ 2000	75.0	82.4	83.5	85.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.7	86.8
≥ 1800	75.3	82.8	83.9	85.6	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.9	86.9	87.1	87.2
≥ 1500	76.3	83.8	85.0	86.7	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	88.2	88.2	88.3	88.5
≥ 1200	76.7	84.2	85.4	87.1	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.9	88.9	89.0	89.2
≥ 1000	77.2	85.3	86.8	88.5	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.4	90.4	90.6	90.7
≥ 900	77.4	85.6	87.1	88.8	90.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.8	90.8	91.0	91.1
≥ 800	77.5	86.0	87.8	89.6	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.8	91.8	91.9	92.1
≥ 700	77.5	86.4	88.2	90.0	91.8	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.6	92.6	92.8	92.9
≥ 600	77.6	86.9	88.8	90.7	92.6	92.6	93.1	93.2	93.2	93.2	93.2	93.2	93.6	93.6	93.8	93.9
≥ 500	77.6	87.4	89.6	91.8	93.9	93.9	94.4	94.7	94.7	94.7	94.7	94.7	95.1	95.1	95.3	95.4
≥ 400	77.6	87.4	89.7	92.5	94.9	94.9	95.4	95.7	95.7	95.7	95.7	95.7	96.3	96.3	96.4	96.5
≥ 300	77.6	87.4	89.7	92.5	94.9	95.1	95.8	96.3	96.3	96.5	96.9	96.9	97.5	97.5	97.8	98.2
≥ 200	77.6	87.4	89.7	92.5	94.9	95.1	95.8	96.5	96.5	96.9	97.4	97.4	98.3	98.3	98.8	99.2
≥ 100	77.6	87.5	89.9	92.6	95.0	95.3	96.0	96.7	96.7	97.1	97.5	97.5	98.5	98.5	99.0	99.4
≥ 0	77.6	87.5	89.9	92.6	95.0	95.3	96.0	96.7	96.7	97.1	97.5	97.5	98.6	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 72[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	73-80	SEP	0600-0800
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.5	47.1	49.2	51.6	53.1	53.8	54.8	54.9	54.9	55.1	55.1	55.1	55.4	55.5	55.5	55.9
≥ 20000	41.4	51.2	53.4	56.1	57.6	58.3	59.2	59.4	59.4	59.5	59.5	59.5	59.8	59.9	59.9	60.4
≥ 18000	41.4	51.2	53.4	56.1	57.6	58.3	59.2	59.4	59.4	59.5	59.5	59.5	59.8	59.9	59.9	60.4
≥ 16000	41.4	51.2	53.4	56.1	57.6	58.3	59.2	59.4	59.4	59.5	59.5	59.5	59.8	59.9	59.9	60.4
≥ 14000	42.1	52.0	54.2	56.9	58.4	59.1	60.1	60.2	60.2	60.4	60.4	60.4	60.6	60.8	60.8	61.2
≥ 12000	43.1	53.5	55.8	58.4	60.2	60.9	61.9	62.0	62.0	62.2	62.2	62.2	62.4	62.6	62.6	63.0
≥ 10000	46.0	56.9	59.1	62.0	63.8	64.5	65.5	65.6	65.6	65.8	65.8	65.8	66.1	66.2	66.2	66.6
≥ 9000	47.0	58.4	60.6	63.7	65.6	66.3	67.3	67.5	67.5	67.6	67.6	67.6	67.9	68.0	68.0	68.4
≥ 8000	48.3	60.4	62.7	65.8	67.7	68.4	69.4	69.5	69.5	69.7	69.7	69.7	70.0	70.1	70.1	70.5
≥ 7000	48.7	61.2	63.6	66.6	68.6	69.3	70.2	70.4	70.4	70.5	70.5	70.5	70.8	70.9	70.9	71.3
≥ 6000	49.8	62.6	65.0	68.2	70.1	70.8	71.8	71.9	71.9	72.0	72.0	72.0	72.3	72.5	72.5	72.9
≥ 5000	51.5	64.4	66.9	70.1	72.0	72.7	73.7	73.9	73.9	74.0	74.0	74.0	74.3	74.4	74.4	74.8
≥ 4500	52.2	65.5	68.2	71.5	73.4	74.1	75.2	75.4	75.4	75.5	75.5	75.5	75.8	75.9	75.9	76.4
≥ 4000	52.6	66.2	69.0	72.3	74.4	75.1	76.2	76.4	76.4	76.5	76.5	76.5	76.8	76.9	76.9	77.3
≥ 3500	53.4	67.2	70.0	73.3	75.4	76.1	77.2	77.3	77.3	77.5	77.5	77.5	77.7	77.9	77.9	78.3
≥ 3000	54.2	68.4	71.2	74.7	76.8	77.5	78.6	78.7	78.7	78.9	78.9	78.9	79.4	79.6	79.6	80.0
≥ 2500	54.9	69.4	72.2	75.9	78.0	78.7	80.0	80.1	80.1	80.3	80.3	80.3	80.8	80.9	80.9	81.4
≥ 2000	55.9	70.7	73.4	77.5	79.7	80.4	81.8	82.1	82.1	82.2	82.2	82.2	82.8	82.9	82.9	83.3
≥ 1800	56.1	70.8	73.7	77.7	80.1	80.8	82.2	82.5	82.5	82.6	82.6	82.6	83.2	83.3	83.3	83.7
≥ 1500	56.5	71.2	74.3	78.4	80.8	81.5	82.9	83.2	83.2	83.4	83.4	83.4	84.0	84.1	84.1	84.6
≥ 1200	56.9	71.8	75.1	79.3	81.6	82.3	83.7	84.0	84.0	84.3	84.3	84.3	85.0	85.1	85.1	85.5
≥ 1000	57.4	72.5	75.8	80.0	82.3	83.3	85.1	85.4	85.4	85.7	85.7	85.7	86.4	86.5	86.5	86.9
≥ 900	57.4	72.7	76.1	80.3	82.6	83.6	85.4	85.7	85.7	86.1	86.1	86.1	86.8	86.9	86.9	87.3
≥ 800	57.6	73.9	77.2	81.5	84.0	85.0	86.8	87.2	87.2	87.6	87.6	87.6	88.3	88.5	88.5	88.9
≥ 700	57.7	74.3	77.7	82.1	85.0	86.0	87.8	88.3	88.3	88.7	88.7	88.7	89.4	89.6	89.6	90.0
≥ 600	57.7	74.4	78.2	82.9	86.0	86.9	88.9	89.4	89.4	89.8	89.8	89.8	90.7	90.8	90.8	91.2
≥ 500	57.9	75.0	78.7	83.4	86.8	87.9	90.0	90.5	90.5	91.1	91.1	91.1	91.9	92.1	92.1	92.5
≥ 400	57.9	75.1	78.9	83.7	87.2	88.5	90.5	91.4	91.4	91.9	91.9	91.9	92.9	93.0	93.0	93.5
≥ 300	58.0	75.2	79.0	84.0	87.5	88.7	90.8	92.4	92.4	93.3	93.3	93.3	94.4	94.6	94.6	95.1
≥ 200	58.0	75.2	79.0	84.1	87.6	89.0	91.1	92.8	92.8	94.0	94.2	94.2	96.1	96.2	96.2	97.1
≥ 100	58.1	75.2	79.0	84.1	87.6	89.0	91.1	92.8	92.9	94.3	94.7	94.7	96.9	97.1	97.2	98.5
≥ 0	58.0	75.2	79.0	84.1	87.6	89.0	91.1	92.8	92.9	94.3	94.7	94.7	97.1	97.2	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947	KANSAS CITY INTL MO	73-80	SEP	0900-1100
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥5/16	≥0
NO CEILING	40.4	52.6	54.4	56.0	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
≥ 20000	44.3	56.8	58.8	60.4	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.1
≥ 18000	44.7	56.8	58.8	60.4	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.1
≥ 17000	44.3	56.8	58.8	60.4	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.1
≥ 16000	44.9	57.8	59.7	61.4	62.6	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.1
≥ 15000	46.4	59.4	61.4	63.2	64.4	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.9
≥ 14000	48.2	61.9	63.9	65.8	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5
≥ 13000	49.3	63.1	65.3	67.2	68.5	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
≥ 12000	49.6	63.8	66.0	67.9	69.2	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7
≥ 11000	50.4	65.0	67.2	69.2	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.0
≥ 10000	51.4	66.3	68.6	70.6	71.8	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.4
≥ 9000	51.8	66.7	69.2	71.1	72.4	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
≥ 8000	52.1	67.5	70.0	72.1	73.3	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0
≥ 7000	53.2	68.8	71.3	73.6	74.9	75.0	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	76.0
≥ 6000	53.6	69.4	72.2	74.6	76.1	76.3	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.2
≥ 5000	54.2	70.4	73.2	75.6	77.2	77.4	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.3
≥ 4500	55.1	71.9	75.0	77.4	79.0	79.2	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.3
≥ 4000	56.1	74.0	77.1	79.4	81.1	81.3	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.5
≥ 3500	56.7	74.9	78.1	80.6	82.4	82.4	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.6
≥ 3000	57.5	76.3	79.6	82.2	84.2	84.3	85.3	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.7
≥ 2500	59.3	78.5	82.2	84.9	86.8	86.9	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.5
≥ 2000	59.6	79.3	83.9	86.7	88.6	88.8	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.3
≥ 1800	59.6	79.7	84.6	87.4	89.3	89.4	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	91.0
≥ 1600	59.7	80.0	85.4	88.6	91.1	91.3	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.8
≥ 1400	59.7	80.1	85.7	89.4	92.1	92.2	93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.8
≥ 1200	60.1	81.3	86.8	90.7	93.3	93.5	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.3
≥ 1000	60.3	81.9	87.2	91.4	94.0	94.2	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	96.0
≥ 900	60.4	81.9	87.8	92.4	95.0	95.4	96.9	97.2	97.2	97.9	97.9	97.9	98.1	98.1	98.1	98.2
≥ 800	60.4	81.9	87.8	92.4	95.0	95.4	97.2	97.6	97.6	98.5	98.6	98.6	98.9	98.9	98.9	99.2
≥ 700	60.4	81.9	87.8	92.4	95.0	95.4	97.2	97.8	97.8	98.6	98.8	98.8	99.2	99.2	99.2	99.6
≥ 600	60.4	81.9	87.8	92.4	95.0	95.4	97.2	97.8	97.8	98.8	98.9	98.9	99.3	99.3	99.4	99.9
≥ 0	60.4	81.9	87.8	92.4	95.0	95.4	97.2	97.8	97.8	98.8	98.9	98.9	99.3	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047	KANSAS CITY INTL MO	73-80	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	49.4	58.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 20000	53.1	62.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 18000	53.2	62.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 17000	53.2	62.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 16000	53.9	63.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 15000	56.8	66.9	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 14000	59.4	70.7	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 13000	60.3	71.5	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 12000	61.3	72.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 11000	61.4	73.1	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 10000	61.4	73.2	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 9000	62.1	74.2	76.0	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 8000	62.2	74.4	76.3	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 7000	62.6	74.9	76.8	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 6000	63.3	76.1	78.1	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 5000	64.9	77.8	80.0	80.3	80.7	80.7	80.7	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4500	67.2	80.8	83.2	83.6	84.2	84.2	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4000	69.7	84.6	87.1	87.5	88.1	88.1	88.3	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3500	70.0	85.6	88.3	88.8	89.3	89.3	89.6	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000	71.4	88.5	91.4	91.9	92.5	92.5	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500	72.1	90.4	93.3	93.9	94.4	94.4	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000	72.1	91.5	94.4	95.4	96.0	96.0	96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	72.1	91.7	94.6	95.7	96.3	96.3	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	72.2	91.8	95.1	96.3	96.8	96.8	97.2	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	72.5	92.2	95.7	96.8	97.5	97.6	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	72.6	92.5	96.0	97.1	97.8	97.9	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	73.1	92.9	96.4	97.6	98.3	98.5	98.9	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	73.1	92.9	96.4	97.8	98.5	98.6	99.3	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	73.1	92.9	96.4	97.8	98.5	98.6	99.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	73.1	92.9	96.4	97.8	98.5	98.6	99.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	73.1	92.9	96.4	97.8	98.5	98.6	99.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	73.1	92.9	96.4	97.8	98.5	98.6	99.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	73.1	92.9	96.4	97.8	98.5	98.6	99.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	73.1	92.9	96.4	97.8	98.5	98.6	99.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	73.1	92.9	96.4	97.8	98.5	98.6	99.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	73.1	92.9	96.4	97.8	98.5	98.6	99.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7947	KANSAS CITY INTL MO	73-80	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	<¼
NO CEILING	53.1	58.3	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 20000	59.9	65.6	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	59.9	65.6	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	59.9	65.6	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000	60.4	66.3	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 10000	61.5	67.9	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 9000	64.7	72.2	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 8000	64.9	72.4	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 7000	66.3	74.6	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 6000	66.7	75.8	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	67.4	76.7	77.5	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4500	67.8	77.5	78.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4000	68.6	78.5	79.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3500	70.3	80.3	81.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3000	71.4	81.4	82.6	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500	72.8	83.8	85.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2000	75.3	87.1	88.3	89.3	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1800	77.1	90.3	91.7	92.6	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1500	77.9	92.2	93.6	94.6	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	78.1	93.5	94.9	96.3	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	78.2	93.8	95.1	96.9	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	78.5	94.0	95.4	97.4	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	78.5	94.0	95.4	97.4	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	78.5	94.0	95.6	97.5	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	78.8	94.3	95.8	97.8	98.3	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	78.8	94.3	95.8	97.8	98.3	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	78.9	94.4	96.0	97.9	98.5	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	78.9	94.4	96.0	97.9	98.5	98.6	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	78.9	94.4	96.0	97.9	98.5	98.6	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	78.9	94.4	96.0	97.9	98.5	98.6	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	78.9	94.4	96.0	97.9	98.5	98.6	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 723

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 — STATION
KANSAS CITY INTL MO — STATION NAME
73-80 — YEARS
SEP — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 — HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	57.1	62.4	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000	62.2	67.8	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 18000	62.4	67.9	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 17000	62.4	67.9	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 14000	62.9	68.8	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 12000	65.0	71.3	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 10000	68.9	75.4	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 9000	70.0	76.7	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 8000	71.1	78.6	79.4	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000	72.1	79.9	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	72.6	80.4	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 5000	73.5	81.4	82.9	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4500	75.4	83.3	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4000	76.1	84.2	86.0	86.5	86.5	86.5	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3500	77.5	86.4	88.2	88.8	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	78.2	87.4	89.3	89.9	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500	79.2	88.6	90.6	91.1	91.1	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000	80.1	89.9	91.9	92.6	92.6	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	81.0	91.1	93.3	94.0	94.0	94.0	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	81.7	92.1	94.3	95.1	95.3	95.3	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	82.2	92.9	95.3	96.1	96.4	96.4	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	82.2	93.6	96.1	97.2	97.5	97.5	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	82.2	93.6	96.1	97.4	97.6	97.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	82.4	93.9	96.4	97.6	97.9	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	82.4	93.9	96.4	97.8	98.1	98.1	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	82.4	93.9	96.4	97.8	98.1	98.1	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	82.4	93.9	96.4	97.8	98.1	98.1	98.3	98.3	98.3	98.6	98.6	98.6	98.8	98.8	98.8	98.6
≥ 400	82.4	93.9	96.4	97.8	98.1	98.2	98.5	98.6	98.6	99.0	99.2	99.2	99.3	99.3	99.3	99.3
≥ 300	82.9	94.0	96.5	97.9	98.2	98.3	98.6	98.9	98.9	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 200	82.9	94.0	96.5	97.9	98.2	98.3	98.6	98.9	98.9	99.3	99.4	99.4	99.9	100.0	100.0	100.0
≥ 100	82.9	94.0	96.5	97.9	98.2	98.3	98.6	98.9	98.9	99.3	99.4	99.4	99.9	100.0	100.0	100.0
≥ 0	82.9	94.0	96.5	97.9	98.2	98.3	98.6	98.9	98.9	99.3	99.4	99.4	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	73-80	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISBLTY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥5/16	≥0
NO CEILING	63.6	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.4	69.4
≥ 20000	66.7	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	73.1	73.1
≥ 18000	66.7	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	73.1	73.1
≥ 17000	66.7	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	73.1	73.1
≥ 14000	67.5	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.8	73.8	73.9	73.9
≥ 12000	69.3	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.7	75.7
≥ 10000	71.8	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.5	78.5
≥ 9000	72.4	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.2	79.2
≥ 8000	73.2	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.9	79.9	80.0	80.0
≥ 7000	73.8	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.3	81.3
≥ 6000	75.1	81.8	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.8	82.8	82.9	82.9
≥ 5000	76.4	83.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.9	84.9
≥ 4500	77.9	85.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.9	86.9
≥ 4000	79.1	87.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.5	88.5	88.6	88.6
≥ 3500	79.4	87.8	89.1	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.4	89.4
≥ 3000	80.1	88.6	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.4	90.4
≥ 2500	81.3	89.7	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.5	91.5
≥ 2000	82.5	91.3	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	93.1	93.1
≥ 1800	82.9	91.7	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.5	93.5
≥ 1500	83.8	92.8	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.7	94.7
≥ 1200	84.7	94.0	95.6	95.7	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.3	96.3	96.4	96.4
≥ 1000	84.7	94.2	95.7	95.8	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.7	96.7
≥ 900	84.7	94.2	95.7	95.8	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.7	96.7
≥ 800	84.9	94.3	95.8	96.3	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	97.1	97.1	97.2	97.2
≥ 700	85.0	94.4	96.0	96.8	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.8	97.8	97.9	97.9
≥ 600	85.0	94.4	96.0	96.8	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.8	97.8	97.9	97.9
≥ 500	85.0	94.4	96.0	96.9	97.5	97.5	97.6	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.3	98.3
≥ 400	85.0	94.4	96.0	96.9	97.5	97.8	97.9	98.3	98.3	98.5	98.5	98.5	98.8	98.8	98.9	98.9
≥ 300	85.0	94.6	96.1	97.1	97.9	98.2	98.3	98.8	98.8	99.0	99.0	99.0	99.3	99.3	99.4	99.4
≥ 200	85.1	94.6	96.1	97.1	97.9	98.2	98.3	98.8	98.8	99.2	99.2	99.2	99.4	99.6	99.7	99.7
≥ 100	85.1	94.6	96.1	97.1	97.9	98.2	98.3	98.8	98.8	99.3	99.3	99.3	99.6	99.7	100.0	100.0
≥ 0	85.1	94.6	96.1	97.1	97.9	98.2	98.3	98.8	98.8	99.3	99.3	99.3	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947	KANSAS CITY INTL MO	73-80	SEP
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	52.8	59.8	60.7	61.6	62.1	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.5	62.6	62.6	62.7
≥ 20000	56.5	63.9	64.9	65.8	66.3	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.7	66.8	66.8	66.9
≥ 18000	56.5	63.9	64.9	65.8	66.3	66.4	66.6	66.6	66.6	66.7	66.7	66.7	66.8	66.8	66.8	67.0
≥ 17000	56.5	63.9	64.9	65.8	66.3	66.4	66.6	66.6	66.6	66.7	66.7	66.7	66.8	66.8	66.8	67.0
≥ 14000	57.2	64.7	65.7	66.6	67.1	67.2	67.4	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.7	67.8
≥ 12000	58.9	66.6	67.7	68.6	69.1	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.8
≥ 10000	61.5	69.8	70.8	71.8	72.3	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.9	73.0
≥ 9000	62.4	70.9	72.0	73.0	73.5	73.6	73.8	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.1	74.2
≥ 8000	63.5	72.4	73.6	74.6	75.2	75.3	75.4	75.5	75.5	75.5	75.6	75.6	75.7	75.7	75.7	75.8
≥ 7000	64.0	73.2	74.5	75.5	76.1	76.2	76.4	76.4	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.8
≥ 6000	65.0	74.3	75.6	76.7	77.3	77.4	77.5	77.6	77.6	77.6	77.7	77.7	77.8	77.8	77.8	77.9
≥ 5000	65.8	75.4	76.9	78.1	78.6	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.2	79.2	79.3
≥ 4500	66.8	76.6	78.1	79.3	79.9	80.0	80.3	80.3	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.7
≥ 4000	67.6	77.6	79.3	80.5	81.1	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.9
≥ 3500	68.3	78.6	80.3	81.5	82.2	82.3	82.6	82.7	82.7	82.7	82.8	82.8	82.9	82.9	82.9	83.0
≥ 3000	69.3	80.0	81.8	83.1	83.8	83.9	84.2	84.3	84.3	84.4	84.4	84.4	84.5	84.6	84.6	84.7
≥ 2500	70.7	81.8	83.7	85.0	85.8	85.9	86.2	86.3	86.3	86.4	86.4	86.4	86.6	86.6	86.6	86.7
≥ 2000	71.9	83.7	85.7	87.2	87.9	88.1	88.5	88.5	88.5	88.6	88.6	88.6	88.8	88.8	88.8	89.0
≥ 1800	72.4	84.5	86.6	88.0	88.9	89.0	89.4	89.4	89.4	89.5	89.5	89.5	89.7	89.7	89.7	89.9
≥ 1500	73.1	85.7	87.8	89.4	90.3	90.4	90.8	90.9	90.9	91.1	91.1	91.1	91.2	91.2	91.3	91.4
≥ 1200	73.8	86.7	89.0	90.6	91.6	91.7	92.2	92.3	92.3	92.4	92.4	92.4	92.6	92.6	92.7	92.8
≥ 1000	74.0	87.3	89.8	91.6	92.6	92.8	93.3	93.4	93.4	93.5	93.6	93.6	93.7	93.7	93.8	93.9
≥ 900	74.1	87.5	90.1	91.9	92.9	93.1	93.6	93.7	93.7	93.9	93.9	93.9	94.1	94.1	94.1	94.3
≥ 800	74.2	87.9	90.6	92.5	93.7	93.9	94.4	94.5	94.5	94.7	94.7	94.7	94.9	94.9	95.0	95.1
≥ 700	74.3	88.2	90.9	93.0	94.3	94.6	95.1	95.3	95.3	95.5	95.5	95.5	95.6	95.7	95.7	95.8
≥ 600	74.4	88.5	91.3	93.5	94.9	95.1	95.8	95.9	95.9	96.1	96.1	96.1	96.3	96.3	96.4	96.5
≥ 500	74.5	88.7	91.6	93.9	95.4	95.6	96.3	96.5	96.5	96.8	96.8	96.8	97.0	97.0	97.1	97.2
≥ 400	74.5	88.8	91.7	94.3	95.8	96.1	96.9	97.2	97.2	97.6	97.6	97.6	97.9	97.9	97.9	98.1
≥ 300	74.6	88.9	91.8	94.4	95.9	96.3	97.1	97.6	97.6	98.1	98.2	98.2	98.6	98.6	98.6	98.8
≥ 200	74.6	88.9	91.8	94.4	96.0	96.4	97.2	97.7	97.7	98.3	98.5	98.5	99.0	99.1	99.2	99.4
≥ 100	74.6	88.9	91.8	94.4	96.0	96.4	97.2	97.7	97.8	98.4	98.6	98.6	99.2	99.3	99.4	99.7
≥ 0	74.6	88.9	91.8	94.4	96.0	96.4	97.2	97.7	97.8	98.4	98.6	98.6	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 5759

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 | KANSAS CITY INTL MO | 73-80 | OCT
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	71.2	73.5	73.7	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6
≥ 20000	72.6	75.1	75.3	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
≥ 18000	72.6	75.1	75.3	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
≥ 14000	72.6	75.1	75.3	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
≥ 12000	72.7	75.3	75.4	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3
≥ 10000	74.6	77.2	77.3	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2
≥ 9000	75.8	78.5	78.6	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6
≥ 8000	77.4	80.2	80.5	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.5	81.5	81.5	81.5
≥ 7000	78.1	80.9	81.2	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1
≥ 6000	78.9	82.0	82.3	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2
≥ 5000	79.4	82.8	83.1	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0
≥ 4500	79.8	83.2	83.5	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4
≥ 4000	80.6	84.0	84.4	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.5	85.5	85.5	85.5
≥ 3500	81.7	85.3	85.8	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.9	86.8	86.8	86.8
≥ 3000	82.1	85.8	86.2	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2
≥ 2500	82.8	86.7	87.2	88.0	89.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7
≥ 2000	83.6	87.6	88.2	89.0	89.1	89.2	89.5	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 1800	84.7	88.8	89.7	90.5	90.6	90.7	91.1	91.1	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 1500	85.1	89.7	90.7	91.5	91.7	91.8	92.2	92.2	92.2	92.3	92.3	92.3	92.5	92.5	92.5	92.5
≥ 1200	85.5	90.3	91.5	92.3	92.5	92.6	93.0	93.0	93.0	93.1	93.1	93.1	93.3	93.3	93.3	93.3
≥ 1000	85.9	91.1	92.3	93.1	93.3	93.4	93.8	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 900	86.0	91.4	92.9	94.0	94.2	94.4	94.8	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 800	86.3	91.8	93.4	94.5	94.8	94.9	95.3	95.3	95.3	95.4	95.4	95.4	95.6	95.6	95.6	95.6
≥ 700	86.3	91.8	93.7	94.8	95.0	95.2	95.6	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 600	86.3	91.8	93.7	94.8	95.0	95.2	95.8	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 500	86.3	92.1	94.0	95.0	95.3	95.4	96.1	96.1	96.1	96.2	96.2	96.2	96.4	96.4	96.4	96.4
≥ 400	86.4	92.3	94.2	95.4	95.8	96.0	97.0	97.0	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 300	86.4	92.3	94.2	95.6	96.1	96.2	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 200	86.4	92.5	94.4	95.8	96.4	96.5	97.8	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.3
≥ 100	86.4	92.5	94.4	95.8	96.6	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.9	99.1	99.1	99.5
≥ 0	86.4	92.5	94.4	96.1	96.9	97.0	98.4	98.4	98.4	99.1	99.1	99.1	99.3	99.3	99.5	99.9
	86.4	92.5	94.4	96.1	96.9	97.0	98.4	98.4	98.4	99.2	99.2	99.2	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7347	KANSAS CITY INTL MO	73-80	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	67.3	68.8	69.5	70.2	70.6	70.7	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2
≥ 20000	69.2	70.7	71.4	72.0	72.6	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3	73.3
≥ 18000	69.2	70.7	71.4	72.0	72.6	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3	73.3
≥ 17000	69.2	70.7	71.4	72.0	72.6	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3	73.3
≥ 14000	69.5	71.0	71.6	72.3	72.8	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5
≥ 12000	70.4	71.9	72.7	73.4	73.9	74.1	74.3	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6
≥ 10000	72.7	74.3	75.1	76.2	76.7	76.9	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4
≥ 9000	74.1	75.7	76.5	77.6	78.1	78.2	78.5	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8
≥ 8000	75.4	77.0	77.8	78.9	79.4	79.6	79.8	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
≥ 7000	76.5	78.1	78.9	80.0	80.5	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2
≥ 6000	77.3	78.9	79.7	80.9	81.5	81.6	82.1	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4
≥ 5000	77.4	79.2	80.0	81.2	81.7	81.9	82.4	82.5	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.7
≥ 4500	77.8	79.7	80.5	81.9	82.4	82.5	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3
≥ 4000	78.9	80.9	81.7	83.1	83.6	83.7	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5
≥ 3500	79.2	81.6	82.4	83.7	84.3	84.4	84.9	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
≥ 3000	79.4	82.4	83.2	84.5	85.1	85.2	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 2500	79.6	82.7	83.6	84.9	85.6	85.8	86.3	86.4	86.4	86.4	86.4	86.4	86.6	86.6	86.6	86.6
≥ 2000	80.6	84.4	85.5	86.8	87.5	87.6	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4
≥ 1800	81.5	85.5	86.6	87.9	88.7	88.8	89.4	89.5	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7
≥ 1500	82.1	86.2	87.6	89.0	89.8	89.9	90.5	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7
≥ 1200	82.4	87.0	88.6	89.9	91.0	91.1	91.7	91.8	91.8	91.9	91.9	91.9	92.1	92.1	92.1	92.1
≥ 1000	83.6	88.3	89.9	91.3	92.6	92.7	93.3	93.4	93.4	93.5	93.5	93.5	93.7	93.7	93.7	93.7
≥ 900	83.6	88.4	90.2	91.5	92.9	93.0	93.5	93.7	93.7	93.8	93.8	93.8	94.0	94.0	94.0	94.0
≥ 800	83.6	88.6	90.3	91.7	93.0	93.1	93.7	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 700	83.6	88.8	90.6	91.9	93.3	93.4	94.1	94.2	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 600	83.7	89.0	90.7	92.2	93.7	93.8	94.6	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 500	83.7	89.7	91.4	92.9	94.6	94.8	95.7	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 400	84.0	90.2	92.1	93.7	95.4	95.6	96.5	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 300	84.0	90.2	92.1	93.7	95.7	95.8	96.9	97.4	97.4	97.7	97.7	97.7	97.9	97.8	98.1	98.1
≥ 200	84.0	90.2	92.3	94.2	96.2	96.4	97.7	98.3	98.3	98.8	98.8	98.8	98.9	98.9	99.3	99.3
≥ 100	84.1	90.3	92.3	94.2	96.2	96.4	97.7	98.3	98.3	98.9	98.9	98.9	99.1	99.1	99.5	99.5
= 0	84.3	90.4	92.3	94.2	96.2	96.4	97.7	98.3	98.3	98.9	98.9	98.9	99.1	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	73-80	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	57.3	61.0	62.2	62.5	62.9	63.4	63.8	64.4	64.4	64.7	64.7	64.7	64.7	64.7	64.9	64.9
≥ 20000	59.8	63.8	65.2	65.6	66.3	66.8	67.2	67.7	67.7	68.0	68.0	68.0	68.0	68.4	68.1	68.1
≥ 18000	60.1	64.1	65.5	65.9	66.5	67.1	67.5	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.4	68.4
≥ 5000	60.1	64.1	65.5	65.9	66.5	67.1	67.5	68.3	68.0	68.3	68.3	68.3	68.3	68.3	68.4	68.4
≥ 14000	60.3	64.4	65.7	66.1	66.8	67.3	67.7	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.7	68.7
≥ 12000	62.5	66.7	68.0	68.4	69.1	69.8	70.4	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.4	71.4
≥ 10000	63.6	68.4	69.8	70.3	71.0	71.6	72.3	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.3	73.3
≥ 9000	65.2	70.3	71.6	72.2	73.0	73.7	74.3	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.3	75.3
≥ 8000	66.7	72.0	73.5	74.2	75.0	75.7	76.3	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.3	77.3
≥ 7000	68.1	73.5	75.4	76.1	76.9	77.6	78.2	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.2	79.2
≥ 6000	69.8	75.3	77.3	78.0	78.8	79.4	80.2	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.2	81.2
≥ 5000	70.0	75.7	77.8	78.5	79.3	80.0	80.8	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.7	81.7
≥ 4500	70.3	75.7	78.1	78.8	79.6	80.2	81.0	81.6	81.6	81.9	81.9	81.9	81.9	81.9	82.0	82.0
≥ 4000	70.6	76.5	78.8	79.7	80.6	81.3	82.1	82.7	82.7	82.9	82.9	82.9	82.9	82.9	83.1	83.1
≥ 3500	70.8	76.9	79.2	80.1	81.0	81.7	82.5	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.5	83.5
≥ 3000	71.4	77.6	79.8	80.8	81.7	82.4	83.2	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.1	84.1
≥ 2500	71.6	78.2	80.8	81.9	82.8	83.5	84.4	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.5	85.5
≥ 2000	72.2	79.3	82.0	83.1	84.0	84.7	85.6	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.7	86.7
≥ 1800	72.8	80.2	82.9	84.0	84.9	85.6	86.7	87.2	87.2	87.6	87.6	87.6	87.6	87.6	87.8	87.8
≥ 1500	73.3	80.9	84.0	85.3	86.3	87.0	88.0	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.4	89.4
≥ 1200	73.8	82.1	85.3	86.8	88.0	88.7	89.8	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.1	91.1
≥ 1000	73.9	82.7	85.9	87.4	88.6	89.2	90.3	91.1	91.1	91.7	91.7	91.7	91.7	91.7	91.8	91.8
≥ 900	73.9	82.9	86.3	87.8	89.0	89.7	90.9	91.7	91.7	92.2	92.2	92.2	92.2	92.2	92.3	92.3
≥ 800	73.9	83.1	86.6	88.0	89.4	90.1	91.3	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.7	92.7
≥ 700	74.1	83.2	86.8	88.4	89.9	90.6	91.8	92.6	92.6	93.1	93.1	93.1	93.1	93.1	93.3	93.3
≥ 600	74.3	83.6	87.2	89.1	90.7	91.4	92.7	93.7	93.7	94.2	94.2	94.2	94.2	94.2	94.4	94.4
≥ 500	74.2	83.7	87.5	89.4	91.0	91.7	93.4	94.4	94.4	94.9	94.9	94.9	94.9	94.9	95.0	95.0
≥ 400	74.2	83.9	87.8	89.8	91.5	92.3	94.4	95.3	95.3	95.8	95.8	95.8	95.8	95.8	96.0	96.0
≥ 300	74.2	83.9	87.8	89.9	91.8	92.6	94.9	96.1	96.1	96.6	96.6	96.6	97.3	97.3	97.4	97.4
≥ 200	74.2	84.0	87.9	90.2	92.1	92.9	95.3	96.8	96.8	97.6	97.8	97.8	98.7	98.7	98.9	98.9
≥ 100	74.2	84.0	87.9	90.2	92.1	92.9	95.3	96.8	96.8	97.6	97.8	97.8	98.8	98.8	99.2	99.2
≥ 0	74.2	84.0	87.9	90.2	92.1	92.9	95.3	96.8	96.8	97.6	97.8	97.8	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947	KANSAS CITY INTL MO	73-80	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	57.3	64.2	64.5	65.1	65.1	65.2	65.3	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000	59.9	66.9	67.3	67.9	68.0	68.1	68.3	68.5	68.5	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	60.2	67.3	67.9	68.5	68.7	68.8	69.0	69.2	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 15000	60.2	67.3	67.9	68.5	68.7	68.8	69.0	69.2	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 12000	60.3	68.3	68.9	69.2	69.4	69.5	69.6	69.9	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 10000	62.6	70.0	70.7	71.4	71.5	71.6	71.8	72.0	72.0	72.4	72.4	72.4	72.6	72.6	72.6	72.6
≥ 9000	64.2	71.8	72.4	73.1	73.3	73.4	73.5	73.8	73.8	74.2	74.2	74.2	74.3	74.3	74.3	74.3
≥ 8000	64.9	72.6	73.3	73.9	74.1	74.2	74.3	74.6	74.6	75.0	75.0	75.0	75.1	75.1	75.1	75.1
≥ 7000	65.2	73.5	74.5	75.4	75.5	75.7	75.8	76.1	76.1	76.5	76.5	76.5	76.6	76.6	76.6	76.6
≥ 6000	65.7	74.1	75.0	75.9	76.1	76.2	76.5	76.7	76.7	77.2	77.2	77.2	77.3	77.3	77.3	77.3
≥ 5000	66.4	75.0	76.1	77.0	77.2	77.3	77.6	77.8	77.8	78.2	78.2	78.2	78.4	78.4	78.4	78.4
≥ 4500	66.8	75.8	77.2	78.1	78.2	78.4	78.6	78.9	78.9	79.3	79.3	79.3	79.4	79.4	79.4	79.4
≥ 4000	67.1	76.3	77.7	78.8	78.9	79.0	79.3	79.6	79.6	80.0	80.0	80.0	80.1	80.1	80.1	80.1
≥ 3500	67.3	76.7	78.1	79.2	79.3	79.6	80.1	80.4	80.4	80.8	80.8	80.8	80.9	80.9	80.9	80.9
≥ 3000	67.5	76.9	78.2	79.3	79.4	79.7	80.2	80.5	80.5	80.9	80.9	80.9	81.0	81.0	81.0	81.0
≥ 2500	67.7	77.4	78.8	79.8	80.1	80.4	81.0	81.3	81.3	81.7	81.7	81.7	81.9	81.9	81.9	81.9
≥ 2000	68.7	78.5	80.0	81.0	81.3	81.6	82.4	82.7	82.7	83.1	83.1	83.1	83.2	83.2	83.2	83.2
≥ 1800	69.9	80.5	82.0	83.3	83.6	83.9	84.8	85.1	85.1	85.5	85.5	85.5	85.6	85.6	85.6	85.6
≥ 1500	70.6	81.5	83.1	84.4	84.7	84.9	86.0	86.3	86.3	86.7	86.7	86.7	86.8	86.8	86.9	86.9
≥ 1200	71.5	83.7	85.5	87.0	87.4	87.6	88.8	89.1	89.1	89.5	89.5	89.5	89.7	89.7	89.7	89.7
≥ 1000	71.9	84.7	86.7	88.4	89.1	89.4	90.6	90.9	90.9	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 900	72.2	85.5	87.5	89.2	90.2	90.5	91.7	91.9	91.9	92.3	92.3	92.3	92.5	92.5	92.5	92.5
≥ 800	72.2	85.9	88.0	89.8	90.7	91.0	92.2	92.5	92.5	92.9	92.9	92.9	93.0	93.0	93.0	93.0
≥ 700	72.3	86.2	88.3	90.2	91.1	91.4	92.6	92.9	92.9	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 600	72.4	87.0	89.2	91.1	92.6	92.9	94.1	94.4	94.4	94.8	94.8	94.6	94.9	94.9	94.9	94.9
≥ 500	72.4	87.1	89.5	91.4	92.9	93.3	94.9	95.3	95.3	95.8	95.8	95.8	96.0	96.0	96.0	96.0
≥ 400	72.4	87.2	89.9	91.9	93.5	94.1	95.8	96.2	96.2	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 300	72.4	87.2	89.9	91.9	93.7	94.5	96.6	97.2	97.2	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 200	72.4	87.2	89.9	91.9	93.7	94.5	96.6	97.3	97.3	98.1	98.1	98.1	98.3	98.3	98.3	98.3
≥ 100	72.4	87.2	89.9	91.9	93.8	94.6	96.8	97.6	97.6	98.5	98.7	98.7	99.3	99.3	99.3	99.3
≥ 0	72.4	87.2	89.9	91.9	93.8	94.6	96.8	97.7	97.7	98.7	98.8	98.8	99.6	99.6	99.6	100.0
	72.4	87.2	89.9	91.9	93.8	94.6	96.8	97.7	97.7	98.7	98.8	98.8	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047	KANSAS CITY INTL MO	73-80	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥5/16	≥0
NO CEILING	60.6	63.3	63.6	63.7	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 20000	63.7	66.4	66.7	66.8	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 18000	64.1	66.8	67.1	67.2	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 17000	64.1	66.8	67.1	67.2	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 14000	64.4	67.3	67.7	67.9	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 12000	66.0	69.0	69.5	69.8	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 10000	66.8	70.0	70.6	70.8	71.2	71.2	71.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 9000	67.1	71.0	71.6	71.9	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 8000	69.0	72.3	73.3	73.5	73.9	73.9	73.9	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 7000	69.6	73.7	74.7	75.0	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 6000	69.8	74.5	75.5	75.8	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 5000	69.9	75.0	76.1	76.3	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4500	70.6	75.7	76.9	77.2	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4000	71.8	77.3	78.5	78.8	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3500	72.7	78.4	79.7	80.0	80.5	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000	74.6	80.5	81.9	82.1	82.7	82.8	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2500	76.7	83.1	84.9	85.1	85.6	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	79.3	86.4	88.4	88.7	89.2	89.4	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	79.7	86.8	88.8	89.4	89.9	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	80.5	88.2	90.2	90.7	91.3	91.4	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	81.5	89.8	91.8	92.3	93.0	93.1	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1000	81.7	90.6	92.6	93.1	94.1	94.4	94.6	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	81.9	90.9	92.9	93.4	94.4	94.6	95.0	95.0	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	82.0	91.3	93.7	94.2	95.4	95.7	96.4	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	82.0	91.3	93.8	94.5	95.8	96.1	96.8	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	82.0	91.4	94.0	94.8	96.2	96.5	97.6	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	82.0	91.4	94.0	94.9	96.4	96.8	98.0	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	82.0	91.4	94.0	94.9	96.4	96.8	98.1	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	82.0	91.4	94.0	94.9	96.4	96.8	98.1	98.7	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	82.0	91.4	94.0	94.9	96.4	96.8	98.1	98.8	98.8	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 100	82.0	91.4	94.0	94.9	96.4	96.8	98.1	98.8	98.8	99.5	99.6	99.6	99.7	99.7	99.9	100.0
≥ 0	82.0	91.4	94.0	94.9	96.4	96.8	98.1	98.8	98.8	99.5	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947	KANSAS CITY INTL MO	73-80	OCT	1500-1700
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	63.2	64.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 20000	67.2	69.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 18000	67.2	69.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 17000	67.2	69.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 16000	67.5	69.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 15000	68.3	70.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 14000	70.3	72.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 13000	71.0	73.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 12000	72.6	75.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 11000	73.3	76.3	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 10000	73.8	77.3	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 9000	74.7	78.5	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	75.4	79.4	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 7000	76.3	81.3	82.8	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 6000	77.2	82.1	83.7	83.9	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 5000	79.4	85.1	86.8	87.1	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4500	80.6	86.3	88.0	88.4	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9
≥ 4000	82.0	87.9	90.1	90.6	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	82.1	88.2	90.3	90.9	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000	82.9	89.2	91.7	92.3	92.7	93.0	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	83.3	90.5	93.0	93.8	94.2	94.5	94.6	94.6	94.6	94.8	94.8	94.8	94.9	94.8	94.8	94.8
≥ 2000	83.7	91.0	93.8	95.2	95.6	96.0	96.1	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	83.7	91.4	94.2	95.7	96.1	96.5	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	83.7	91.7	94.8	96.2	96.6	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	83.7	91.7	94.8	96.4	96.9	97.3	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	83.7	91.7	94.8	96.4	96.9	97.4	97.6	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	83.7	91.8	94.9	96.5	97.2	97.8	98.1	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	83.7	91.8	94.9	96.5	97.2	97.8	98.1	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	83.7	91.8	94.9	96.5	97.2	97.8	98.3	98.7	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	83.7	91.8	94.9	96.5	97.2	97.8	98.3	98.7	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	83.7	91.8	94.9	96.5	97.2	97.8	98.3	98.7	98.7	99.6	99.6	99.6	99.6	99.6	99.6	100.0
≥ 400	83.7	91.8	94.9	96.5	97.2	97.8	98.3	98.7	98.7	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7547 (STATION) KANSAS CITY INTL MO (STATION NAME) 73-80 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥5/16	≥0
NO CEILING	70.3	72.2	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 20000	72.3	74.1	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 18000	72.3	74.1	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 16000	72.3	74.1	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 14000	72.3	74.1	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 12000	73.3	75.4	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000	74.7	77.2	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 9000	75.7	78.6	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 8000	76.3	79.4	80.0	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 7000	77.3	80.4	80.9	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	78.1	81.6	82.1	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 5000	79.6	82.4	83.1	83.5	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500	79.3	83.3	84.1	84.5	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	79.8	84.1	84.9	85.5	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3500	80.6	85.2	86.0	86.8	86.8	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	82.7	87.5	88.4	89.2	89.2	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	83.6	88.6	89.5	90.3	90.3	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	85.3	90.7	91.7	92.5	92.5	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1800	85.9	91.1	92.2	93.0	93.0	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	86.3	91.7	92.7	93.5	93.7	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	86.2	92.2	93.3	94.1	94.2	94.5	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	86.3	92.3	93.4	94.2	94.4	94.6	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	86.3	92.5	93.5	94.4	94.5	94.8	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	86.6	92.9	94.1	94.9	95.2	95.4	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	86.8	93.1	94.4	95.2	95.7	96.0	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	86.8	93.5	94.9	95.7	96.2	96.5	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	86.9	93.7	95.0	96.1	96.8	97.0	97.7	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 400	86.8	93.7	95.2	96.2	96.9	97.3	98.1	98.3	98.3	98.5	98.5	98.5	98.7	98.7	98.7	98.7
≥ 300	86.9	93.7	95.2	96.2	97.0	97.4	98.5	98.7	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 200	86.8	93.8	95.3	96.4	97.3	97.7	98.8	98.9	99.1	99.5	99.5	99.5	99.6	99.6	99.6	100.0
≥ 100	86.8	93.8	95.3	96.4	97.3	97.7	98.8	98.9	99.1	99.5	99.5	99.5	99.6	99.6	99.6	100.0
≥ 0	86.8	93.8	95.3	96.4	97.3	97.7	98.8	98.9	99.1	99.5	99.5	99.5	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947	KANSAS CITY INTL MO	73-80	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	71.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 20000	73.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 18000	73.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 6000	73.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 14000	73.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	74.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 10000	76.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 9000	78.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 8000	79.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 7000	79.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 6000	80.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 5000	81.6	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4500	82.5	85.3	85.6	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4000	83.2	86.2	86.4	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3500	84.0	87.0	87.2	87.6	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3000	85.1	88.3	88.7	89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2500	85.6	89.4	89.8	90.2	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2000	86.7	91.0	91.4	91.8	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	87.1	91.4	91.8	92.2	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	87.2	91.8	92.2	92.6	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	87.4	92.2	92.6	93.0	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1000	87.4	92.5	93.1	93.5	93.8	93.8	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 900	87.5	92.6	93.3	93.7	94.0	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	87.6	93.0	94.0	94.4	94.6	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	88.0	93.8	94.8	95.2	95.6	95.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	88.0	94.0	95.0	95.4	95.8	95.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	88.0	94.4	95.4	95.8	96.4	96.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	88.0	94.4	95.6	96.0	96.5	96.5	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	88.2	94.5	95.7	96.5	97.0	97.0	98.1	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 200	88.3	94.8	96.0	96.8	97.3	97.3	98.4	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.6
≥ 100	88.3	94.8	96.0	96.9	97.4	97.4	98.7	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0
≥ 0	88.3	94.8	96.0	96.9	97.4	97.4	98.7	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	73-80	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	64.9	67.8	68.2	68.5	68.7	68.8	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.2	69.2
≥ 20000	67.2	70.2	70.8	71.1	71.3	71.4	71.5	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8
≥ 18000	67.3	70.4	70.9	71.3	71.5	71.6	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.0
≥ 16000	67.3	70.4	70.9	71.3	71.5	71.6	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.0
≥ 14000	67.6	70.7	71.3	71.6	71.8	71.9	72.0	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3
≥ 12000	69.1	72.2	72.9	73.2	73.5	73.6	73.7	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0
≥ 10000	70.6	74.0	74.7	75.1	75.3	75.4	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9
≥ 9000	71.8	75.3	76.1	76.4	76.7	76.8	76.9	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 8000	72.8	76.5	77.3	77.7	78.0	78.1	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6
≥ 7000	73.6	77.5	78.3	78.8	79.1	79.2	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.7	79.7
≥ 6000	74.4	78.5	79.4	79.9	80.2	80.4	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 5000	74.9	79.3	80.2	80.7	81.0	81.2	81.4	81.5	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7
≥ 4500	75.4	79.9	81.0	81.6	81.9	82.1	82.3	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6
≥ 4000	76.2	81.0	82.1	82.8	83.1	83.3	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3500	76.8	81.7	82.8	83.6	83.9	84.1	84.4	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7
≥ 3000	77.9	83.2	84.4	85.1	85.4	85.7	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2500	78.8	84.3	85.6	86.4	86.7	86.9	87.4	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7
≥ 2000	80.1	86.1	87.6	88.4	88.8	89.0	89.5	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 1800	80.6	86.8	88.3	89.2	89.6	89.8	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1500	81.1	87.8	89.4	90.4	90.8	91.0	91.5	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200	81.5	88.7	90.5	91.4	92.0	92.3	92.8	92.9	92.9	93.1	93.1	93.1	93.2	93.2	93.2	93.2
≥ 1000	81.9	89.3	91.1	92.2	92.9	93.2	93.8	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	81.9	89.5	91.5	92.6	93.3	93.5	94.2	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	82.0	89.8	91.9	93.0	93.8	94.1	94.7	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	82.1	90.1	92.3	93.4	94.4	94.6	95.4	95.6	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 600	82.2	90.3	92.5	93.8	94.7	95.0	95.9	96.2	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 500	82.2	90.5	92.8	94.1	95.2	95.6	96.7	96.9	96.9	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 400	82.2	90.6	92.9	94.3	95.5	95.9	97.1	97.5	97.5	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 300	82.2	90.6	93.0	94.4	95.6	96.1	97.4	97.9	97.9	98.4	98.4	98.4	98.5	98.5	98.6	98.6
≥ 200	82.2	90.7	93.1	94.6	95.9	96.3	97.7	98.3	98.3	98.9	99.0	99.0	99.2	99.2	99.3	99.5
≥ 100	82.2	90.7	93.1	94.6	95.9	96.3	97.7	98.3	98.4	99.0	99.1	99.1	99.4	99.4	99.5	99.8
≥ 0	82.2	90.7	93.1	94.6	95.9	96.3	97.7	98.3	98.4	99.1	99.1	99.1	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 5952

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	73-80	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ ¾	≥ ½	≥ ¼	≥5/16	≥ ¼	≥0
NO CEILING	58.9	59.3	59.6	59.9	60.0	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 20000	60.1	60.6	60.8	61.1	61.3	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8
≥ 18000	60.3	60.7	61.0	61.3	61.4	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9
≥ 17000	60.3	60.7	61.0	61.3	61.4	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9
≥ 14000	60.6	61.0	61.3	61.5	61.7	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2
≥ 12000	61.9	62.4	62.6	62.9	63.1	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6
≥ 10000	63.2	64.3	64.6	64.9	65.0	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.6
≥ 9000	63.8	65.0	65.4	65.7	65.8	65.8	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4
≥ 8000	64.6	65.8	66.3	66.5	66.7	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2
≥ 7000	65.8	67.1	67.5	67.8	67.9	67.9	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6
≥ 6000	66.7	68.1	68.6	68.9	69.0	69.0	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7
≥ 5000	68.5	69.9	70.4	70.7	70.8	70.8	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5
≥ 4500	69.4	70.8	71.4	71.7	71.8	71.8	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5
≥ 4000	70.4	71.9	72.5	72.8	72.9	72.9	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6
≥ 3500	70.8	72.4	73.1	73.3	73.5	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.2
≥ 3000	72.9	74.4	75.1	75.4	75.6	75.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.3
≥ 2500	74.3	76.1	76.8	77.1	77.2	77.2	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.1
≥ 2000	76.5	78.5	79.2	79.6	79.9	80.0	80.6	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.8	81.0
≥ 1800	78.2	80.3	81.0	81.7	81.9	82.1	82.6	82.6	82.6	82.8	82.8	82.8	82.9	82.9	82.9	83.1
≥ 1500	80.6	82.9	83.6	84.3	84.6	84.7	85.3	85.3	85.3	85.4	85.4	85.4	85.6	85.6	85.6	85.7
≥ 1200	81.5	83.9	84.7	85.4	85.7	85.8	86.4	86.4	86.4	86.5	86.5	86.5	86.7	86.7	86.7	86.8
≥ 1000	82.8	86.1	87.2	88.1	88.3	88.5	89.2	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.6
≥ 900	83.2	86.9	88.1	89.2	89.4	89.6	90.3	90.3	90.3	90.4	90.4	90.4	90.6	90.6	90.6	90.7
≥ 800	83.8	87.9	89.0	90.3	90.8	91.0	91.7	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	92.1
≥ 700	83.9	88.3	89.4	91.0	91.5	91.7	92.4	92.5	92.5	92.6	92.6	92.6	92.8	92.8	92.8	92.9
≥ 600	83.9	88.5	89.7	91.5	92.2	92.4	93.2	93.3	93.3	93.5	93.5	93.5	93.6	93.6	93.6	93.8
≥ 500	84.2	88.8	90.4	92.8	93.6	93.9	94.7	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.3
≥ 400	84.3	88.9	90.7	93.2	94.2	94.4	95.6	95.7	95.7	95.8	95.8	95.8	96.1	96.1	96.4	96.5
≥ 300	84.4	89.3	91.1	93.8	94.9	95.3	96.5	96.7	96.8	96.9	97.1	97.1	97.8	97.8	98.1	98.2
≥ 200	84.4	89.3	91.1	94.0	95.1	95.6	96.8	96.9	97.1	97.4	97.5	97.5	98.3	98.3	98.6	98.8
≥ 100	84.4	89.3	91.1	94.0	95.1	95.6	96.8	96.9	97.1	97.4	97.5	97.5	98.3	98.3	98.8	98.9
≥ 0	84.4	89.3	91.1	94.0	95.1	95.6	96.8	96.9	97.1	97.4	97.5	97.5	98.5	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 728

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	73-80	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	57.8	59.2	59.3	59.6	59.7	59.7	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.1	60.1
≥ 20000	59.4	60.8	61.0	61.3	61.4	61.4	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.8	61.8
≥ 18000	59.4	60.8	61.0	61.3	61.4	61.4	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.8	61.8
≥ 16000	59.4	60.8	61.0	61.3	61.4	61.4	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.8	61.8
≥ 14000	60.1	61.5	61.7	61.9	62.1	62.1	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.5	62.5
≥ 12000	61.0	62.4	62.5	62.8	62.9	62.9	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3
≥ 10000	61.7	63.2	63.3	63.6	63.8	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.2	64.2
≥ 9000	62.5	64.4	64.6	64.9	65.0	65.0	65.1	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.4	65.4
≥ 8000	62.9	64.9	65.0	65.3	65.4	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.8	65.8
≥ 7000	64.6	66.5	66.7	66.9	67.1	67.1	67.2	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.5	67.5
≥ 6000	65.4	67.4	67.5	67.8	67.9	67.9	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3
≥ 5000	66.5	68.5	68.6	68.9	69.0	69.0	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.4
≥ 4500	67.1	69.2	69.3	69.6	69.7	69.7	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.1
≥ 4000	68.1	70.1	70.3	70.6	70.7	70.7	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.1	71.1
≥ 3500	68.9	71.0	71.3	71.5	71.7	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	72.1	72.1
≥ 3000	71.4	73.8	74.0	74.3	74.4	74.4	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.9	74.9
≥ 2500	73.1	75.6	75.8	76.3	76.4	76.4	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.8	76.8
≥ 2000	75.4	78.3	78.6	79.2	79.3	79.3	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.7	79.7
≥ 1800	76.3	79.3	79.6	80.1	80.3	80.3	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.7	80.7
≥ 1500	78.1	81.1	81.4	82.1	82.2	82.2	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6
≥ 1200	79.4	83.1	83.3	84.3	84.4	84.4	84.7	84.7	84.7	84.9	84.9	84.9	85.0	85.0	85.1	85.1
≥ 1000	79.9	83.6	84.0	85.0	85.3	85.3	85.6	85.6	85.6	85.7	85.7	85.7	85.8	85.8	86.0	86.0
≥ 900	80.0	84.0	84.6	85.8	86.1	86.1	86.5	86.5	86.5	86.7	86.7	86.7	86.8	86.8	86.9	86.9
≥ 800	80.8	85.6	86.3	87.5	87.9	87.9	88.3	88.3	88.3	88.5	88.5	88.5	88.6	88.6	88.8	88.8
≥ 700	81.5	86.3	86.9	88.2	88.8	88.8	89.4	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.3	90.3
≥ 600	81.9	87.1	88.3	89.7	91.0	91.0	91.8	92.4	92.4	92.5	92.5	92.5	92.6	92.6	92.8	92.8
≥ 500	81.9	87.2	88.5	90.4	91.7	91.8	92.8	93.3	93.3	93.6	93.8	93.8	93.9	93.9	94.0	94.0
≥ 400	82.4	88.1	89.4	91.4	92.9	93.1	94.4	95.1	95.1	95.4	95.6	95.6	95.7	95.7	96.0	96.0
≥ 300	82.5	88.3	89.7	91.8	93.5	93.8	95.6	96.3	96.3	96.7	96.9	96.9	97.4	97.4	97.6	97.6
≥ 200	82.5	88.3	89.7	91.8	93.5	93.9	95.7	96.4	96.4	96.8	97.1	97.1	97.9	97.9	98.3	98.8
≥ 100	82.5	88.3	89.7	91.8	93.5	93.9	95.7	96.4	96.4	96.8	97.1	97.1	97.9	97.9	98.5	98.9
≥ 0	82.5	88.3	89.7	91.8	93.5	93.9	95.7	96.4	96.4	96.8	97.1	97.1	98.1	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 | KANSAS CITY INTL MO | 73-80 | NOV
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	43.2	48.8	50.0	51.5	52.4	52.8	53.3	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.9
≥ 20000	45.3	50.3	51.7	53.2	54.0	54.4	55.0	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.6
≥ 18000	45.3	50.3	51.7	53.2	54.0	54.4	55.0	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.6
≥ 17000	45.3	50.3	51.7	53.2	54.0	54.4	55.0	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.6
≥ 16000	45.3	50.3	51.7	53.3	54.2	54.6	55.1	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.7
≥ 15000	45.7	51.1	52.5	54.2	55.0	55.4	56.0	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.5
≥ 14000	46.9	52.5	53.9	55.7	56.5	56.9	57.5	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	58.1
≥ 13000	48.9	54.6	56.0	57.8	58.6	59.0	59.6	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	60.1
≥ 12000	49.2	55.1	56.5	58.3	59.2	59.6	60.1	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.7
≥ 11000	50.1	56.1	57.5	59.3	60.1	60.6	61.1	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.7
≥ 10000	50.4	56.8	58.2	60.0	60.8	61.3	61.8	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.4
≥ 9000	51.3	57.6	59.0	60.8	61.7	62.1	62.6	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	63.2
≥ 8000	52.6	59.2	60.6	62.4	63.2	63.6	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.7
≥ 7000	53.3	60.8	62.2	64.0	64.9	65.3	65.8	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.4
≥ 6000	54.9	61.8	63.2	65.0	65.8	66.3	66.8	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.4
≥ 5000	56.5	63.6	65.0	66.8	67.6	68.1	68.6	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.2
≥ 4500	59.7	67.1	68.6	70.7	71.5	72.1	72.6	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.2
≥ 4000	62.2	70.0	71.5	73.6	74.4	75.0	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	76.1
≥ 3500	62.8	70.6	72.1	74.2	75.0	75.6	76.1	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.7
≥ 3000	65.3	73.3	75.0	77.4	78.2	78.8	79.3	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.9
≥ 2500	67.8	76.5	78.3	80.8	81.8	82.4	82.9	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.6
≥ 2000	68.5	77.2	79.3	82.4	83.6	84.2	84.7	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.4
≥ 1800	68.6	77.9	80.6	83.6	84.9	85.4	86.0	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.9
≥ 1500	69.3	79.0	81.8	84.9	86.1	86.7	87.2	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	88.2
≥ 1200	69.6	79.4	82.3	86.1	87.4	88.1	88.8	89.3	89.3	89.7	89.7	89.7	89.7	89.9	89.9	90.1
≥ 1000	69.9	80.0	83.8	87.4	88.6	89.3	90.0	90.6	90.6	91.0	91.0	91.0	91.0	91.1	91.1	91.4
≥ 900	70.0	80.3	84.3	88.5	90.0	91.0	91.7	92.5	92.5	93.1	93.6	93.6	93.6	93.6	93.8	94.0
≥ 800	70.0	80.6	84.6	89.0	90.7	91.7	92.5	93.5	93.5	94.0	94.7	94.7	94.7	94.9	94.9	95.1
≥ 700	70.0	80.6	84.6	89.0	91.1	92.1	93.1	94.3	94.3	94.9	96.0	96.0	96.1	96.3	96.5	96.8
≥ 600	70.0	80.6	84.6	89.0	91.1	92.1	93.1	94.4	94.4	95.1	96.3	96.3	96.5	96.7	97.6	97.9
≥ 500	70.0	80.6	84.6	89.0	91.1	92.1	93.1	94.4	94.4	95.1	96.4	96.4	96.9	97.1	98.2	98.8
≥ 400	70.0	80.6	84.6	89.0	91.1	92.1	93.1	94.4	94.4	95.1	96.4	96.4	96.9	97.1	98.2	100.0
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 722

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	73-80	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	39.3	44.6	47.2	48.8	49.3	49.6	49.6	49.6	49.6	49.7	49.9	49.9	49.9	49.9	50.2	
≥ 20000	40.8	47.8	50.6	52.2	52.8	53.1	53.1	53.1	53.1	53.3	53.5	53.5	53.5	53.5	53.5	53.6
≥ 18000	40.8	47.9	50.7	52.4	52.9	53.2	53.2	53.2	53.2	53.5	53.6	53.6	53.6	53.6	53.6	53.8
≥ 17000	40.8	47.9	50.7	52.4	52.9	53.2	53.2	53.2	53.2	53.5	53.6	53.6	53.6	53.6	53.6	53.8
≥ 14000	41.4	48.5	51.4	53.1	53.6	53.9	53.9	53.9	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.4
≥ 12000	42.6	49.9	52.8	54.4	55.0	55.3	55.3	55.3	55.3	55.6	55.7	55.7	55.7	55.7	55.7	55.8
≥ 10000	43.3	51.3	54.2	56.1	56.7	56.9	56.9	56.9	56.9	57.2	57.4	57.4	57.4	57.4	57.4	57.5
≥ 9000	44.6	52.1	55.1	57.1	57.6	57.9	57.9	57.9	57.9	58.2	58.3	58.3	58.3	58.3	58.3	58.5
≥ 8000	45.7	53.3	56.5	58.8	59.3	59.6	59.6	59.6	59.6	59.9	60.0	60.0	60.0	60.0	60.0	60.1
≥ 7000	46.1	53.9	57.2	59.4	60.0	60.3	60.3	60.3	60.3	60.6	60.7	60.7	60.7	60.7	60.7	60.8
≥ 6000	46.3	54.6	58.2	60.4	61.0	61.3	61.3	61.3	61.3	61.5	61.7	61.7	61.7	61.7	61.7	61.8
≥ 5000	47.2	55.7	59.3	61.5	62.1	62.4	62.4	62.4	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.9
≥ 4500	47.6	56.3	59.9	62.2	62.8	63.1	63.1	63.1	63.1	63.3	63.5	63.5	63.5	63.5	63.5	63.6
≥ 4000	49.0	57.8	61.4	63.8	64.4	64.7	64.7	64.7	64.7	65.0	65.1	65.1	65.1	65.1	65.1	65.3
≥ 3500	49.6	58.5	62.1	64.4	65.1	65.4	65.4	65.4	65.4	65.7	65.8	65.8	65.8	65.8	65.8	66.0
≥ 3000	50.3	59.6	63.2	65.6	66.4	66.7	66.7	66.7	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.2
≥ 2500	51.9	61.8	65.4	68.2	69.0	69.3	69.3	69.3	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.9
≥ 2000	53.9	64.3	68.3	71.3	72.1	72.4	72.4	72.4	72.4	72.6	72.8	72.8	72.8	72.8	72.8	72.9
≥ 1800	55.3	66.1	70.4	73.3	74.2	74.4	74.4	74.4	74.4	74.7	74.9	74.9	74.9	74.9	74.9	75.0
≥ 1500	58.1	69.7	74.2	77.1	78.1	78.5	78.5	78.5	78.5	78.8	78.9	78.9	78.9	78.9	78.9	79.0
≥ 1200	58.5	71.5	76.4	79.6	80.6	81.1	81.1	81.1	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.7
≥ 1000	58.9	71.9	77.5	80.8	81.9	82.6	82.8	82.9	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.5
≥ 900	59.2	72.6	78.3	82.4	83.5	84.2	84.3	84.4	84.4	84.7	84.9	84.9	84.9	84.9	84.9	85.0
≥ 800	59.4	73.3	79.6	83.8	85.1	86.0	86.1	86.4	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.9
≥ 700	59.6	73.9	80.6	84.9	86.4	87.2	87.5	88.1	88.1	88.5	88.6	88.6	88.6	88.6	88.6	88.8
≥ 600	59.6	74.2	81.4	86.0	87.8	89.0	89.9	90.4	90.4	90.8	91.0	91.0	91.0	91.0	91.0	91.1
≥ 500	59.6	74.2	81.4	86.7	88.8	90.0	91.3	92.2	92.2	92.6	92.8	92.8	92.8	92.8	92.8	92.9
≥ 400	59.6	74.2	81.4	86.8	89.3	90.6	91.9	93.1	93.1	94.3	94.4	94.4	95.1	95.1	95.1	95.3
≥ 300	59.6	74.2	81.4	86.8	89.3	90.6	92.5	93.9	93.9	95.7	96.0	96.0	96.9	96.9	97.1	97.2
≥ 200	59.6	74.2	81.4	86.8	89.3	90.6	92.5	93.9	93.9	96.1	96.5	96.5	97.6	97.6	98.2	98.6
≥ 100	59.6	74.2	81.4	86.8	89.3	90.6	92.5	93.9	93.9	96.1	96.5	96.5	97.8	97.9	98.9	99.3
≥ 0	59.6	74.2	81.4	86.8	89.3	90.6	92.5	93.9	93.9	96.1	96.5	96.5	97.8	97.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947	KANSAS CITY INTL MO	73-80	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.5	50.1	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 20000	45.8	53.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 18000	45.8	53.5	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 17000	45.8	53.5	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 16000	46.8	54.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 15000	48.1	56.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 14000	49.3	57.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 13000	49.9	58.5	60.4	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 12000	51.4	60.0	61.9	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 11000	51.8	60.4	62.8	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 10000	52.1	61.1	63.5	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 9000	52.6	61.9	64.3	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 8000	52.9	62.2	64.6	65.0	65.1	65.1	65.	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 7000	53.3	63.2	65.6	66.0	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 6000	54.9	64.2	66.5	67.1	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 5000	56.0	65.4	67.8	68.3	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 4500	58.6	69.4	71.8	72.4	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4000	61.4	73.8	76.4	76.9	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3500	62.9	76.7	79.3	79.9	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000	64.2	79.3	82.4	83.1	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	64.9	81.0	84.7	85.8	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2000	64.9	81.3	85.3	87.1	87.8	88.1	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1800	65.3	81.9	86.1	88.2	89.0	89.3	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500	65.3	82.2	86.7	89.2	90.0	90.3	91.0	91.4	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1200	65.4	82.8	87.2	89.7	90.7	91.1	91.8	92.4	92.5	92.5	92.8	92.8	92.8	92.8	92.6	92.8
≥ 1000	65.4	83.1	87.8	90.3	91.3	91.8	92.6	93.6	93.8	94.0	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	65.4	83.1	87.9	90.4	91.5	92.4	93.3	94.6	94.7	95.3	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800	65.4	83.1	87.9	90.4	91.8	93.2	94.7	96.1	96.3	97.2	97.5	97.5	97.6	97.6	97.6	97.6
≥ 700	65.4	83.1	88.1	90.6	91.9	93.3	94.9	96.3	96.4	97.4	97.6	97.6	97.8	97.8	97.8	97.8
≥ 600	65.4	83.1	88.1	90.6	91.9	93.3	94.9	96.3	96.4	97.8	98.2	98.2	98.5	98.5	98.9	98.9
≥ 500	65.4	83.1	88.1	90.6	91.9	93.3	94.9	96.3	96.4	97.8	98.2	98.2	98.6	98.6	99.4	99.4
≥ 400	65.4	83.1	88.1	90.6	91.9	93.3	94.9	96.3	96.4	97.8	98.2	98.2	98.8	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 | KANSAS CITY INTL MO | 73-80 | NOV
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	43.7	49.0	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 20000	43.3	54.4	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 18000	48.3	54.4	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 17000	48.3	54.4	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 14000	50.1	56.5	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 12000	52.4	59.0	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 10000	54.2	61.2	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000	54.8	61.8	62.3	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 8000	56.5	63.6	64.3	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 7000	56.5	63.6	64.5	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 6000	57.3	65.0	65.9	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 5000	58.6	66.5	67.6	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 4500	58.8	66.9	68.0	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4000	59.7	67.7	68.8	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 3500	60.5	68.6	69.8	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 3000	62.4	70.8	72.2	72.5	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 2500	65.1	74.0	75.7	75.9	76.4	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 2000	68.2	78.4	80.3	80.7	81.4	81.5	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1800	69.0	79.6	81.4	82.1	82.8	82.9	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1500	69.8	81.3	84.6	85.5	86.2	86.4	86.5	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1200	70.7	84.1	86.6	87.9	88.9	89.0	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	70.7	84.4	87.1	88.3	89.3	89.4	89.8	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 900	70.7	84.6	87.3	88.7	89.7	89.8	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 800	70.7	84.7	88.2	89.8	90.8	91.0	91.5	92.2	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 700	70.7	84.7	88.3	90.1	91.2	91.5	92.5	93.2	93.2	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	70.7	84.7	88.5	90.4	91.5	92.1	93.2	94.4	94.4	95.1	95.4	95.4	95.4	95.4	95.4	95.4
≥ 500	70.7	84.7	88.5	90.7	92.1	92.9	94.0	95.5	95.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	70.7	84.7	88.5	90.7	92.2	93.5	95.0	96.9	97.1	98.3	98.6	98.6	98.7	98.7	98.7	98.7
≥ 300	70.7	84.7	88.5	90.7	92.2	93.5	95.1	97.1	97.2	98.6	98.9	98.9	99.2	99.2	99.2	99.2
≥ 200	70.7	84.7	88.5	90.7	92.2	93.5	95.1	97.1	97.2	98.6	99.2	99.2	99.6	99.6	99.7	99.9
≥ 100	70.7	84.7	88.5	90.7	92.2	93.5	95.1	97.1	97.2	98.6	99.2	99.2	99.6	99.6	99.7	100.0
≥ 0	70.7	84.7	88.5	90.7	92.2	93.5	95.1	97.1	97.2	98.6	99.2	99.2	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 713

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7947 (STATION) KANSAS CITY INTL MO (STATION NAME) 73-80 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	<5/16
NO CEILING	52.8	54.7	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4
≥ 20000	55.7	57.6	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3
≥ 18000	56.1	58.1	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.8
≥ 17000	56.1	58.1	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.8
≥ 14000	57.1	59.2	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9
≥ 12000	59.3	61.5	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2
≥ 10000	60.6	63.5	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2
≥ 9000	60.8	63.8	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4
≥ 8000	62.1	65.1	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.9
≥ 7000	63.8	66.9	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6
≥ 6000	65.1	68.6	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3
≥ 5000	66.1	69.6	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.3
≥ 4500	67.1	70.6	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.3
≥ 4000	68.8	72.2	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
≥ 3500	70.6	74.2	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0
≥ 3000	72.1	75.8	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7
≥ 2500	74.0	77.9	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8
≥ 2000	76.5	81.0	81.7	82.1	82.2	82.2	82.6	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	83.1
≥ 800	78.1	82.6	83.3	83.9	84.0	84.0	84.4	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.9
≥ 1500	80.0	85.4	86.1	86.7	86.8	86.9	87.5	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.9
≥ 1200	80.6	86.4	87.1	88.1	88.2	88.3	88.9	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.3
≥ 1000	80.8	87.1	88.1	89.0	89.2	89.3	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.3
≥ 900	81.5	87.8	88.9	89.9	90.0	90.1	90.8	90.8	90.8	91.1	91.1	91.1	91.3	91.3	91.3	91.4
≥ 800	81.5	87.9	89.6	90.6	90.7	90.8	91.7	91.7	91.7	91.9	91.9	91.9	92.1	92.1	92.1	92.2
≥ 700	81.5	87.9	89.7	90.8	91.5	91.7	92.5	92.5	92.5	92.9	92.9	92.9	93.1	93.1	93.1	93.2
≥ 600	82.1	89.0	91.1	92.4	93.1	93.6	94.4	94.4	94.4	95.0	95.0	95.0	95.3	95.3	95.3	95.4
≥ 500	82.6	89.6	91.7	93.1	93.9	94.6	95.4	95.7	95.7	96.4	96.4	96.4	96.7	96.7	96.7	96.8
≥ 400	82.6	89.7	91.8	93.2	94.0	94.9	95.8	96.3	96.4	97.2	97.2	97.2	97.5	97.5	97.5	97.6
≥ 300	82.6	89.7	91.8	93.2	94.3	95.3	96.3	96.8	96.9	98.2	98.3	98.3	98.9	98.9	98.9	99.0
≥ 200	82.6	89.7	91.8	93.2	94.3	95.3	96.3	96.8	96.9	98.3	98.6	98.6	99.2	99.2	99.4	99.6
≥ 100	82.6	89.7	91.8	93.2	94.3	95.3	96.3	96.8	96.9	98.3	98.6	98.6	99.2	99.3	99.6	99.9
≥ 0	82.6	89.7	91.8	93.2	94.3	95.3	96.3	96.8	96.9	98.3	98.6	98.6	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 723

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7947	KANSAS CITY INTL MO	73-80	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

01-23 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 4	≥ 0
NO CEILING	57.6	58.2	58.3	58.8	59.8	59.8	59.0	59.0	59.0	59.0	59.0	59.0	59.2	59.2	59.2	59.2
≥ 20000	60.3	60.8	61.3	61.4	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8
≥ 18000	60.6	61.1	61.3	61.7	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.1
≥ 16000	60.6	61.1	61.3	61.7	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.1
≥ 14000	60.7	61.3	61.4	61.8	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2
≥ 12000	61.5	62.2	62.4	62.8	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2
≥ 10000	63.3	65.0	65.1	65.6	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	66.0	66.0	66.0	66.0
≥ 9000	64.0	65.7	66.0	66.4	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8
≥ 8000	65.4	67.1	67.4	67.8	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2
≥ 7000	65.6	67.2	67.5	67.9	67.9	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3
≥ 6000	66.1	67.9	68.2	68.6	68.6	68.6	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0
≥ 5000	67.6	69.4	69.7	70.3	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7
≥ 4500	69.3	71.1	71.4	72.2	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6
≥ 4000	70.1	71.9	72.2	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.5	73.5	73.5	73.5
≥ 3500	71.1	73.1	73.3	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.6
≥ 3000	72.1	74.0	74.4	75.3	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7
≥ 2500	74.7	76.8	77.4	78.3	78.5	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9
≥ 2000	78.2	80.8	81.5	82.6	82.8	82.8	83.5	83.5	83.5	83.9	83.9	83.9	84.0	84.0	84.0	84.0
≥ 1800	79.3	82.1	82.8	83.9	84.0	84.0	84.7	84.7	84.7	85.1	85.1	85.1	85.3	85.3	85.3	85.3
≥ 1500	81.7	85.0	85.7	86.8	86.9	86.9	87.6	87.6	87.6	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 1200	82.1	85.4	86.3	87.4	87.5	87.5	88.2	88.2	88.2	88.6	88.6	88.6	88.8	88.8	88.8	88.8
≥ 1000	82.8	86.5	87.6	89.2	89.3	89.3	90.0	90.0	90.0	90.4	90.4	90.4	90.6	90.6	90.6	90.6
≥ 900	83.2	87.5	88.8	90.6	90.7	90.7	91.4	91.4	91.4	91.8	91.8	91.8	91.9	91.9	91.9	91.9
≥ 800	83.9	88.8	90.1	91.9	92.1	92.1	92.9	92.9	92.9	93.3	93.3	93.3	93.5	93.5	93.5	93.5
≥ 700	84.0	89.0	90.4	92.6	92.8	92.8	93.6	93.6	93.6	94.0	94.0	94.0	94.2	94.2	94.2	94.2
≥ 600	84.2	89.4	90.8	93.1	93.2	93.2	94.4	94.4	94.4	94.9	94.9	94.9	95.1	95.1	95.1	95.1
≥ 500	84.7	90.0	91.4	93.6	94.0	94.0	95.3	95.3	95.3	95.7	95.7	95.7	96.3	96.3	96.3	96.3
≥ 400	84.7	90.0	91.5	93.9	94.3	94.4	95.8	95.8	95.8	96.5	96.5	96.5	97.1	97.1	97.1	97.1
≥ 300	84.9	90.3	91.9	94.3	95.1	95.3	96.9	96.9	96.9	97.6	97.6	97.6	98.5	98.5	98.6	98.8
≥ 200	84.9	90.3	91.9	94.4	95.3	95.4	97.1	97.1	97.1	97.9	97.9	97.9	98.9	98.9	99.3	99.4
≥ 100	84.9	90.3	91.9	94.4	95.3	95.4	97.1	97.1	97.1	97.9	97.9	97.9	98.9	98.9	99.6	99.7
≥ 0	84.9	90.3	91.9	94.4	95.3	95.4	97.1	97.1	97.1	97.9	97.9	97.9	98.9	98.9	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7947 | KANSAS CITY INTL MO | 73-80 | NOV
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	49.6	53.0	53.4	54.3	54.6	54.6	54.8	54.8	54.6	54.9	54.9	54.9	54.9	54.9	55.
≥ 20000	51.3	55.7	56.7	57.2	57.4	57.5	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.9
≥ 18000	52.0	55.8	56.8	57.4	57.6	57.7	57.8	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.1
≥ 17000	52.0	55.8	56.8	57.4	57.6	57.7	57.8	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.1
≥ 14000	52.7	56.6	57.6	58.2	58.4	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.8	58.8	56.9
≥ 12000	54.1	58.1	59.0	59.6	59.8	59.9	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.3
≥ 10000	55.4	59.9	60.8	61.5	61.7	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.2
≥ 9000	56.1	60.7	61.7	62.4	62.6	62.7	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.1
≥ 8000	57.2	61.9	62.9	63.6	63.9	64.0	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.4
≥ 7000	58.0	62.7	63.9	64.6	64.9	65.0	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.4
≥ 6000	58.7	63.7	64.9	65.6	65.9	66.0	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.4
≥ 5000	59.8	64.9	66.1	66.9	67.1	67.2	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.6	67.7
≥ 4500	60.6	65.8	67.0	67.8	68.1	68.2	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.6
≥ 4000	61.7	67.0	68.2	69.0	69.3	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.8	69.8
≥ 3500	62.6	67.9	69.2	70.1	70.4	70.5	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.9
≥ 3000	64.2	69.7	71.0	71.8	72.2	72.3	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.7
≥ 2500	66.4	72.3	73.7	74.7	75.0	75.2	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.6	75.6
≥ 2000	69.0	75.6	77.2	78.2	78.7	78.9	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.5
≥ 1800	70.2	77.1	78.7	79.9	80.3	80.5	80.8	80.8	80.8	81.0	81.0	81.0	81.1	81.1	81.2
≥ 1500	72.2	79.9	81.6	82.9	83.3	83.5	83.9	83.9	83.9	84.1	84.1	84.1	84.2	84.2	84.3
≥ 1200	73.2	81.5	83.4	84.9	85.4	85.7	86.1	86.1	86.1	86.3	86.3	86.3	86.4	86.4	86.5
≥ 1000	73.6	82.3	84.5	86.2	86.8	87.1	87.6	87.6	87.6	87.8	87.9	87.9	87.9	87.9	88.0
≥ 900	74.0	82.9	85.3	87.3	87.9	88.2	88.7	88.8	88.8	89.0	89.0	89.0	89.1	89.1	89.2
≥ 800	74.3	83.7	86.4	88.5	89.2	89.5	90.1	90.3	90.3	90.5	90.6	90.6	90.7	90.7	90.8
≥ 700	74.5	84.0	86.9	89.2	90.0	90.3	91.1	91.4	91.4	91.8	91.8	91.8	91.9	91.9	92.0
≥ 600	74.7	84.5	87.7	90.1	91.1	91.5	92.4	93.0	93.0	93.3	93.4	93.4	93.5	93.6	93.7
≥ 500	74.9	84.7	88.0	90.8	91.9	92.6	93.6	94.3	94.3	94.8	94.9	94.9	95.1	95.1	95.2
≥ 400	75.0	84.9	88.2	91.1	92.4	93.2	94.5	95.3	95.4	96.1	96.3	96.3	96.6	96.6	96.7	96.8
≥ 300	75.0	85.0	88.4	91.3	92.8	93.6	95.1	96.0	96.1	97.0	97.3	97.3	97.8	97.8	98.0	98.1
≥ 200	75.0	85.0	88.4	91.3	92.8	93.7	95.2	96.1	96.2	97.3	97.7	97.7	98.3	98.3	98.8	99.0
≥ 100	75.0	85.0	88.4	91.3	92.8	93.7	95.2	96.1	96.2	97.3	97.7	97.7	98.4	98.5	99.1	99.4
≥ 0	75.0	85.0	88.4	91.3	92.8	93.7	95.2	96.1	96.2	97.3	97.7	97.7	98.5	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 5759

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7947 — STATION
KANSAS CITY INTL MO — STATION NAME
73-80 — YEARS
DEC — MONTH
0000-2200 — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 4	≥ 0
NO CEILING	56.1	57.5	57.8	57.9	58.1	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 20000	57.3	59.1	59.4	59.5	59.7	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 18000	57.4	59.3	59.5	59.7	59.8	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 17000	57.4	59.3	59.5	59.7	59.8	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 14000	57.9	59.8	60.1	60.2	60.3	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 12000	58.5	60.3	60.6	60.8	60.9	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000	60.6	62.5	63.0	63.2	63.3	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 9000	62.2	64.2	64.9	65.1	65.2	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 8000	63.4	65.9	66.5	66.7	66.8	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 7000	64.8	67.7	68.4	68.5	68.7	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 6000	65.8	68.5	69.2	69.4	69.5	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 5000	66.4	69.4	70.0	70.2	70.3	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 4500	67.2	70.2	71.0	71.2	71.4	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4000	67.6	70.6	71.5	71.8	71.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	68.1	71.1	72.2	72.4	72.6	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 3000	68.8	71.9	73.1	73.4	73.5	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 2500	70.6	73.8	75.0	75.3	75.4	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 2000	73.1	76.3	77.7	78.1	78.4	78.4	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1800	73.5	76.9	78.2	78.6	78.9	78.9	79.3	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1500	75.1	79.0	80.4	80.8	81.0	81.0	81.5	81.5	81.5	81.7	81.7	81.7	81.9	81.9	81.9	81.9
≥ 1200	77.7	82.3	83.6	84.1	84.4	84.4	84.9	84.9	84.9	85.2	85.2	85.2	85.3	85.3	85.3	85.3
≥ 1000	78.6	83.6	85.5	86.0	86.3	86.3	86.8	86.8	86.8	87.1	87.1	87.1	87.2	87.2	87.2	87.2
≥ 900	79.1	84.1	86.0	86.6	86.8	86.8	87.5	87.6	87.6	87.9	87.9	87.9	88.0	88.0	88.0	88.0
≥ 800	79.0	84.9	86.8	87.5	87.8	87.8	88.4	88.6	88.6	89.0	89.0	89.0	89.1	89.1	89.1	89.1
≥ 700	79.2	85.1	87.1	87.9	88.2	88.2	88.8	89.0	89.0	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 600	79.3	85.3	87.6	88.4	88.8	88.8	89.5	89.7	89.7	90.1	90.1	90.1	90.2	90.2	90.2	90.2
≥ 500	79.3	85.5	88.3	89.1	89.7	89.9	91.1	91.3	91.3	91.8	91.8	91.8	91.9	91.9	91.9	91.9
≥ 400	79.3	85.5	88.6	89.5	90.5	90.7	92.2	92.5	92.7	93.4	93.7	93.7	94.0	94.0	94.0	94.0
≥ 300	79.3	85.5	88.6	89.5	90.5	90.7	92.7	93.4	93.8	95.0	95.3	95.3	96.0	96.0	96.1	96.8
≥ 200	79.3	85.5	88.7	89.7	90.7	91.0	93.1	94.0	94.4	95.8	96.1	96.1	96.9	96.9	97.4	98.3
≥ 100	79.3	85.5	88.7	89.7	90.7	91.0	93.1	94.0	94.4	95.8	96.2	96.2	97.3	97.3	98.1	99.2
≥ 0	79.3	85.5	88.7	89.7	90.7	91.0	93.1	94.0	94.4	95.8	96.2	96.2	97.3	97.3	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947 (STATION) KANSAS CITY INTL MO (STATION NAME) 73-80 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0600 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	55.6	56.9	57.1	57.1	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5
≥ 20000	57.3	58.6	58.9	58.9	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.3	59.3
≥ 18000	57.1	58.7	59.0	59.0	59.0	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4
≥ 17000	57.1	58.7	59.0	59.0	59.0	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4
≥ 14000	57.7	59.3	59.5	59.5	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9
≥ 12000	58.3	59.9	60.2	60.2	60.2	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6
≥ 10000	59.0	60.6	60.9	60.9	60.9	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3
≥ 9000	61.4	63.2	63.6	63.6	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0	64.0
≥ 8000	62.0	63.8	64.4	64.4	64.4	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8
≥ 7000	64.4	66.3	66.9	66.9	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3
≥ 6000	64.9	66.7	67.3	67.3	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7
≥ 5000	65.2	67.2	67.9	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3	68.3
≥ 4500	65.5	67.5	68.1	68.1	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5
≥ 4000	65.9	67.9	68.5	68.5	68.5	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.0	69.0
≥ 3500	66.3	68.3	69.0	69.0	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4
≥ 3000	68.0	70.0	70.7	70.7	70.7	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1
≥ 2500	69.2	71.2	71.9	71.9	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3
≥ 2000	71.0	73.0	73.8	73.8	74.1	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6
≥ 1800	71.6	73.8	74.7	74.7	75.3	75.4	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.1	76.1
≥ 1500	73.4	76.2	77.2	77.3	77.8	78.0	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8	78.8
≥ 1200	76.2	79.2	80.1	80.4	81.0	81.3	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.3	82.3
≥ 1000	78.1	81.9	82.9	83.6	84.3	84.7	85.3	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.9	85.9
≥ 900	78.2	82.0	83.2	83.9	84.5	84.9	85.6	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.2	86.2
≥ 800	78.4	82.3	83.5	84.3	85.1	85.5	86.2	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.7	86.7
≥ 700	78.5	82.7	84.1	84.9	86.0	86.6	87.2	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.8	87.8
≥ 600	78.5	82.8	84.8	85.8	87.1	87.9	88.6	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.2	89.2
≥ 500	78.6	83.1	85.2	86.4	88.3	89.2	90.5	90.7	90.9	91.1	91.1	91.1	91.1	91.1	91.3	91.3
≥ 400	79.0	83.6	85.9	87.4	89.2	90.5	92.1	92.5	92.7	93.1	93.4	93.4	93.7	93.7	93.8	93.8
≥ 300	79.0	83.6	85.9	87.5	89.4	91.0	92.9	93.3	93.5	94.8	95.2	95.2	96.0	96.0	96.2	96.8
≥ 200	79.0	83.6	85.9	87.5	89.4	91.0	93.1	93.7	94.0	95.7	96.4	96.4	97.4	97.4	97.8	98.7
≥ 100	79.0	83.6	85.9	87.5	89.4	91.0	93.1	93.7	94.0	95.7	96.4	96.4	97.7	97.7	98.1	99.1
≥ 0	79.0	83.6	85.9	87.5	89.4	91.0	93.1	93.7	94.0	95.7	96.4	96.4	97.7	97.7	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947 — STATION
KANSAS CITY INTL MO — STATION NAME
73-80 — YEARS
DEC — MONTH
0600-0800 — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	46.5	52.0	52.6	53.6	53.9	53.9	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.6
≥ 20000	51.6	55.1	55.6	56.7	57.0	57.0	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.7
≥ 18000	51.7	55.2	55.8	56.9	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.8
≥ 16000	51.7	55.2	55.8	56.9	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.8
≥ 14000	52.1	55.5	56.0	57.1	57.4	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.1
≥ 12000	53.1	56.6	57.1	58.2	58.5	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.1
≥ 10000	54.4	58.2	58.9	59.9	60.2	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.9
≥ 9000	55.5	59.4	60.2	61.3	61.6	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.2
≥ 8000	56.7	60.6	61.4	62.5	62.8	62.8	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.6
≥ 7000	58.6	62.8	63.7	64.9	65.2	65.2	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	66.0
≥ 6000	59.0	63.7	64.7	65.9	66.1	66.1	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.9
≥ 5000	59.5	64.4	65.3	66.5	66.8	66.8	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.6
≥ 4500	59.7	64.5	65.5	66.7	66.9	66.9	67.3	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.9
≥ 4000	60.1	65.2	66.1	67.3	67.6	67.6	68.0	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.5
≥ 3500	60.2	65.5	66.4	67.6	67.9	67.9	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.8
≥ 3000	61.7	66.9	67.9	69.1	69.4	69.4	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.3
≥ 2500	62.9	68.1	69.1	70.3	70.6	70.6	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.5
≥ 2000	65.5	70.7	71.6	73.0	73.4	73.4	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.5
≥ 1800	65.7	71.1	72.0	73.4	73.8	73.8	74.3	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.9
≥ 1500	66.4	72.3	73.5	75.3	75.7	75.7	76.2	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.7
≥ 1200	68.4	75.5	76.7	78.5	79.2	79.2	79.7	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.4
≥ 1000	69.8	77.3	79.0	81.0	81.7	81.7	82.4	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	83.2
≥ 900	70.2	78.0	79.8	81.9	82.7	82.7	83.3	83.6	83.6	83.7	83.9	83.9	83.9	83.9	83.9	84.1
≥ 800	70.4	78.4	80.2	82.7	83.5	83.5	84.1	84.4	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.9
≥ 700	70.8	78.9	81.0	83.9	84.9	84.9	85.6	86.0	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.6
≥ 600	71.0	79.0	81.7	84.7	85.9	86.2	87.4	87.8	87.8	87.9	88.0	88.0	88.2	88.2	88.2	88.4
≥ 500	71.0	79.4	82.4	85.5	86.7	87.5	89.0	89.5	89.5	89.8	89.9	89.9	90.1	90.1	90.2	90.5
≥ 400	71.5	80.2	83.2	86.4	88.0	89.1	91.5	92.1	92.1	92.3	92.5	92.5	92.6	92.6	92.9	93.1
≥ 300	71.5	80.2	83.3	86.7	88.4	89.8	93.0	93.8	93.8	94.8	95.4	95.4	96.0	96.0	96.2	97.2
≥ 200	71.5	80.2	83.3	86.7	88.6	89.9	93.7	94.5	94.5	95.4	96.1	96.1	97.2	97.2	98.0	99.1
≥ 100	71.5	80.2	83.3	86.7	88.6	89.9	93.7	94.5	94.5	95.4	96.4	96.4	97.4	97.4	98.4	99.5
≥ 0	71.5	80.2	83.3	86.7	88.6	89.9	93.7	94.5	94.5	95.4	96.4	96.4	97.4	97.4	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947 | KANSAS CITY INTL MO | 73-80 | DEC

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	39.1	46.5	47.3	48.4	49.3	49.5	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 20000	43.0	51.7	52.6	53.8	54.8	55.0	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 18000	43.3	52.0	52.8	54.0	55.1	55.2	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 16000	43.3	52.0	52.8	54.0	55.1	55.2	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 14000	43.7	52.7	53.5	54.7	55.8	55.9	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	45.6	55.2	56.3	57.9	59.0	59.1	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ [illegible]	46.5	56.9	57.9	59.5	60.6	60.8	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ [illegible]	47.7	58.1	59.5	61.3	62.4	62.5	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	48.9	59.5	61.2	62.9	64.1	64.2	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 7000	49.3	60.3	62.5	64.2	65.5	65.6	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 6000	49.6	61.2	63.3	65.1	66.3	66.4	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000	50.1	61.7	63.8	65.6	66.8	66.9	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4500	50.3	62.2	64.5	66.3	67.5	67.6	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 4000	50.4	62.5	64.8	66.7	67.9	68.0	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 3500	50.7	62.9	65.3	67.2	68.4	68.5	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 3000	51.1	63.6	66.3	68.3	69.5	69.6	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 2500	52.2	64.9	67.7	69.8	71.1	71.2	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 2000	53.2	66.0	69.0	71.1	72.6	72.8	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 1800	53.8	66.8	69.9	72.0	73.5	73.8	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 1500	54.8	68.7	71.9	74.5	75.9	76.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1200	55.8	70.4	74.3	77.2	79.2	79.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1000	56.0	71.6	76.2	79.3	81.6	81.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 900	56.3	72.3	77.3	80.6	83.1	83.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 800	56.5	72.6	77.8	81.2	83.7	84.5	85.6	86.2	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6
≥ 700	56.6	72.8	78.2	81.7	84.4	85.2	86.3	87.1	87.1	87.6	87.8	87.8	87.9	87.9	87.9	87.9
≥ 600	56.7	73.1	78.6	82.4	85.5	86.4	88.2	89.1	89.1	89.9	90.1	90.1	90.2	90.2	90.2	90.2
≥ 500	56.7	73.4	78.9	83.1	86.4	87.8	90.1	91.3	91.3	92.2	92.3	92.3	92.6	92.6	92.7	92.7
≥ 400	56.7	73.4	79.0	83.5	86.8	88.3	91.3	93.1	93.1	94.5	94.8	94.8	95.4	95.4	95.6	95.7
≥ 300	56.7	73.4	79.0	83.5	86.8	88.3	91.3	93.8	94.0	95.6	95.8	95.8	96.9	96.9	97.4	97.8
≥ 200	56.7	73.4	79.0	83.5	86.8	88.3	91.3	93.8	94.0	95.8	96.1	96.1	97.8	97.8	98.5	98.9
≥ 100	56.7	73.4	79.0	83.5	86.8	88.3	91.3	93.8	94.0	96.1	96.4	96.4	98.3	98.3	99.1	99.6
≥ 0	56.7	73.4	79.0	83.5	86.8	88.3	91.3	93.8	94.0	96.1	96.4	96.4	98.3	98.3	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947 (STATION) | KANSAS CITY INTL MO (STATION NAME) | 73-80 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	44.4	50.3	50.9	51.3	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 20000	46.5	53.4	53.9	54.7	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 18000	46.9	53.8	54.3	55.1	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 16000	46.9	53.8	54.3	55.1	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 14000	47.3	54.3	54.8	55.6	56.0	56.0	56.0	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 12000	48.8	56.2	56.9	57.7	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 10000	50.9	59.1	59.8	60.6	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 9000	51.2	60.2	60.9	61.8	62.2	62.2	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 8000	52.4	61.7	62.4	63.6	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 7000	52.8	62.1	62.8	64.0	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 6000	53.4	62.9	63.6	64.8	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 5000	53.9	63.7	64.4	65.6	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 4500	54.8	64.7	65.5	66.7	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 4000	55.1	65.1	65.9	67.1	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 3500	55.4	65.7	66.5	67.7	68.1	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 3000	56.6	67.3	68.3	69.5	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 2500	57.8	68.8	69.8	71.0	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 2000	59.1	70.7	71.6	73.0	73.4	73.5	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 1800	59.9	71.9	72.8	74.2	74.6	74.7	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1500	62.2	75.7	77.0	78.9	79.3	79.6	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 1200	62.5	77.2	79.4	82.3	83.1	83.5	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1000	63.4	78.6	81.3	84.1	84.9	85.5	86.2	86.3	86.3	86.4	86.4	86.4	86.6	86.6	86.6	86.6
≥ 900	63.6	79.0	81.9	85.1	86.2	86.7	87.5	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.0
≥ 800	63.6	79.6	82.7	86.0	87.1	87.6	88.6	88.8	88.8	89.1	89.1	89.1	89.4	89.4	89.4	89.4
≥ 700	63.6	79.8	82.9	86.4	87.6	88.7	89.7	90.5	90.5	91.0	91.0	91.0	91.5	91.5	91.5	91.5
≥ 600	63.6	79.8	83.1	87.1	88.3	89.5	91.1	92.1	92.1	92.7	92.7	92.7	93.4	93.4	93.4	93.4
≥ 500	63.6	79.8	83.2	87.6	88.8	90.3	92.5	93.4	93.4	94.2	94.4	94.4	95.2	95.2	95.2	95.2
≥ 400	63.6	79.8	83.2	87.8	89.2	90.9	93.4	94.4	94.4	95.7	95.8	95.8	97.2	97.2	97.2	97.2
≥ 300	63.6	79.8	83.2	87.8	89.4	91.0	93.8	95.3	95.3	96.8	97.0	97.0	99.2	99.2	99.2	99.2
≥ 200	63.6	79.8	83.2	87.8	89.4	91.0	93.8	95.3	95.3	96.8	97.0	97.0	99.2	99.2	99.2	99.2
≥ 100	63.6	79.8	83.2	87.8	89.4	91.0	93.8	95.3	95.3	96.8	97.4	97.4	99.6	99.6	99.6	99.6
≥ 0	63.6	79.8	83.2	87.8	89.4	91.0	93.8	95.3	95.3	96.8	97.4	97.4	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7047 (STATION) KANSAS CITY INTL MO (STATION NAME) 73-80 (YEARS) DEC (MONTH)

1500-1700 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.0	52.2	52.2	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 20000	50.8	55.5	55.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 18000	51.2	55.9	55.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 6500	51.2	55.9	55.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 14000	52.2	56.9	56.9	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 12000	54.0	59.8	59.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 10000	55.6	61.6	61.6	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 9000	56.3	62.6	62.6	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 8000	57.1	64.0	64.0	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 7000	57.3	64.8	64.9	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 6000	58.7	66.1	66.4	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 5000	59.1	66.8	67.2	69.0	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 4500	59.8	67.5	67.9	69.6	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 4000	61.2	69.0	69.4	71.2	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	61.4	69.9	70.6	72.4	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 3000	62.0	70.8	71.6	73.5	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 2500	63.4	73.0	73.9	75.8	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 2000	65.6	75.5	76.5	78.4	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 1800	66.8	77.2	78.4	80.2	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1500	67.9	79.4	81.6	83.7	84.0	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1200	68.7	81.9	84.1	86.4	86.7	87.0	87.2	87.2	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1000	68.8	82.9	85.6	87.9	88.3	88.6	89.1	89.1	89.1	89.2	89.7	89.7	89.7	89.7	89.7	89.7
≥ 900	68.8	82.9	85.6	88.2	88.7	89.0	89.5	89.7	89.7	89.8	90.2	90.2	90.2	90.2	90.2	90.2
≥ 800	68.8	82.9	85.8	88.3	88.8	89.1	89.8	90.1	90.1	90.3	90.7	90.7	90.7	90.7	90.7	90.7
≥ 700	68.8	83.2	86.0	89.0	89.7	90.5	91.5	92.1	92.1	92.5	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	68.8	83.2	86.2	89.1	90.2	91.0	92.2	92.9	92.9	93.3	93.7	93.7	93.7	93.7	93.7	93.7
≥ 500	68.8	83.2	86.3	89.2	90.5	91.4	92.9	93.5	93.5	94.2	94.6	94.6	94.8	94.8	94.8	94.8
≥ 400	68.8	83.2	86.4	89.4	90.6	91.7	93.3	94.1	94.1	94.8	95.2	95.2	95.3	95.3	95.3	95.3
≥ 300	68.8	83.2	86.4	89.4	90.7	91.8	93.4	95.2	95.2	96.1	96.8	96.8	97.6	97.6	97.7	97.7
≥ 200	68.8	83.2	86.4	89.4	90.7	91.8	93.4	95.3	95.3	96.4	97.3	97.3	98.4	98.5	98.8	98.8
≥ 100	68.8	83.2	86.4	89.4	90.7	91.8	93.4	95.3	95.3	96.4	97.4	97.4	98.7	98.8	99.5	99.7
≥ 0	68.8	83.2	86.4	89.4	90.7	91.8	93.4	95.3	95.3	96.5	97.6	97.6	98.8	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2947 (STATION) KANSAS CITY INTL MO (STATION NAME) 73-80 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.8	55.2	55.8	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 20000	54.6	57.5	58.2	58.7	58.7	58.7	58.7	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 18000	54.7	57.7	58.3	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 17000	54.7	57.7	58.3	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 14000	56.2	59.1	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 12000	56.9	59.8	60.5	61.0	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 10000	59.3	62.5	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 9000	60.6	64.1	64.9	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 8000	61.9	65.7	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 7000	62.4	66.3	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 6000	62.9	67.1	67.9	68.5	68.5	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 5000	63.8	68.4	69.5	70.2	70.2	70.3	70.3	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4500	64.9	69.5	70.6	71.2	71.2	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4000	65.9	70.4	71.5	72.2	72.2	72.3	72.3	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3500	67.1	71.8	73.0	73.7	73.7	73.8	73.8	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 3000	68.0	72.7	73.9	74.6	74.6	74.7	74.7	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 2500	69.2	74.2	75.4	76.1	76.1	76.2	76.2	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 2000	72.0	78.1	79.3	80.0	80.0	80.1	80.1	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1800	72.7	78.9	80.2	80.9	80.9	81.0	81.0	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500	74.2	80.8	82.5	83.2	83.5	83.6	83.6	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1200	76.7	84.0	86.0	86.8	87.1	87.4	87.5	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1000	77.7	84.7	86.8	87.6	87.9	88.3	88.7	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 900	77.3	84.9	87.2	88.0	88.4	88.8	89.2	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 800	77.4	85.5	88.0	88.8	89.2	89.9	90.3	90.5	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 700	77.4	85.8	88.3	89.2	89.8	90.6	91.1	91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 600	77.4	85.9	88.4	89.4	90.1	90.9	91.5	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 500	77.6	86.3	88.8	89.8	90.6	91.4	92.3	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 400	77.7	86.6	89.1	90.1	90.9	91.8	93.8	94.4	94.4	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 300	77.7	86.6	89.1	90.1	90.9	91.9	94.1	95.6	95.6	96.4	96.5	96.5	96.8	96.8	96.8	96.9
≥ 200	77.7	86.6	89.1	90.1	90.9	91.9	94.4	95.8	95.8	97.4	97.6	97.6	98.1	98.1	98.4	98.5
≥ 100	77.7	86.6	89.1	90.1	90.9	91.9	94.4	96.0	96.0	97.7	97.8	97.8	98.7	98.8	99.1	99.6
≥ 0	77.7	86.6	89.1	90.1	90.9	91.9	94.4	96.0	96.0	97.7	97.8	97.8	98.7	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23947	KANSAS CITY INTL MO	73-80	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.1	57.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	56.7	59.4	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 18000	56.7	59.4	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 16000	56.7	59.4	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 14000	58.3	61.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 12000	59.7	62.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 10000	61.0	63.7	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 9000	62.1	64.8	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 8000	63.0	65.9	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 7000	64.1	67.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 6000	64.8	68.3	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 5000	65.6	69.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500	66.4	70.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4000	66.9	70.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 3500	67.5	71.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3000	68.5	72.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 2500	70.0	74.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 2000	71.8	75.9	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1800	73.1	77.3	78.6	78.6	78.9	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 1500	75.0	79.8	81.3	81.3	81.7	81.7	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1200	77.0	82.5	84.1	84.3	84.7	84.7	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1000	77.6	83.7	85.6	85.9	86.3	86.3	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 900	77.7	84.4	86.3	86.6	87.0	87.0	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 800	78.1	85.3	87.4	87.6	88.0	88.0	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 700	78.5	86.0	88.0	88.3	88.7	88.7	89.0	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 600	78.5	86.0	88.2	88.6	89.1	89.1	89.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 500	78.5	86.3	88.4	89.2	89.8	89.8	90.6	92.1	92.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5
≥ 400	78.5	86.3	88.6	89.5	90.3	90.6	92.1	93.8	93.8	94.2	94.5	94.5	94.5	94.5	94.5	94.5
≥ 300	78.5	86.3	88.6	89.5	90.3	90.7	92.3	94.6	94.6	95.0	95.7	95.7	95.7	95.7	95.7	95.7
≥ 200	78.5	86.3	88.6	89.7	90.5	90.9	92.6	95.2	95.3	96.4	97.4	97.4	98.3	98.3	98.3	98.7
≥ 100	78.5	86.3	88.6	89.7	90.5	90.9	92.6	95.2	95.3	96.5	97.6	97.6	98.5	98.5	98.7	99.2
≥ 0	78.5	86.3	88.6	89.7	90.5	90.9	92.6	95.2	95.3	96.5	97.6	97.6	98.5	98.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13947	KANSAS CITY INTL MO	73-80	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	49.9	53.5	54.0	54.5	54.7	54.8	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	
≥ 20000	52.2	56.3	56.8	57.4	57.6	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	
≥ 18000	52.4	56.5	57.0	57.6	57.8	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	
≥ 16000	52.4	56.5	57.0	57.6	57.8	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	
≥ 14000	53.2	57.3	57.9	58.4	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	
≥ 12000	54.4	58.8	59.3	59.9	60.2	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	
≥ 10000	55.9	60.6	61.2	61.9	62.1	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	
≥ 9000	57.1	62.1	62.8	63.5	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	
≥ 8000	58.2	63.4	64.1	64.9	65.2	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	
≥ 7000	59.3	64.7	65.6	66.4	66.7	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	
≥ 6000	59.8	65.6	66.4	67.3	67.6	67.6	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	
≥ 5000	60.5	66.3	67.3	68.1	68.4	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	
≥ 4500	61.1	67.0	68.0	68.9	69.2	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.6	
≥ 4000	61.6	67.6	68.7	69.6	69.9	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.3	
≥ 3500	62.1	68.3	69.4	70.3	70.6	70.7	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	
≥ 3000	63.1	69.5	70.7	71.6	71.9	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	
≥ 2500	64.4	71.0	72.3	73.2	73.5	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	
≥ 2000	66.4	73.3	74.6	75.6	76.0	76.1	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.6	
≥ 1800	67.1	74.2	75.6	76.6	77.0	77.1	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	
≥ 1500	69.6	76.5	78.2	79.4	79.9	80.0	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.7	80.7	
≥ 1200	70.4	79.1	81.1	82.5	83.2	83.4	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.2	
≥ 1000	71.2	80.5	82.9	84.4	85.2	85.4	86.0	86.1	86.1	86.3	86.4	86.4	86.4	86.4	86.5	
≥ 900	71.4	81.0	83.4	85.1	85.9	86.2	86.8	87.0	87.0	87.2	87.2	87.2	87.3	87.3	87.3	
≥ 800	71.5	81.4	84.0	85.8	86.7	87.0	87.7	88.0	88.0	88.2	88.3	88.3	88.3	88.4	88.4	
≥ 700	71.7	81.8	84.5	86.4	87.4	87.9	88.7	89.2	89.2	89.5	89.6	89.6	89.7	89.7	89.7	
≥ 600	71.7	81.9	84.8	86.9	88.1	88.7	89.8	90.4	90.4	90.7	90.8	90.8	91.0	91.0	91.0	
≥ 500	71.8	82.1	85.2	87.5	88.8	89.7	91.1	91.8	91.8	92.4	92.5	92.5	92.7	92.7	92.8	
≥ 400	71.9	82.3	85.5	87.9	89.4	90.4	92.5	93.3	93.4	94.1	94.4	94.4	94.7	94.7	94.8	
≥ 300	71.9	82.3	85.5	88.0	89.5	90.7	92.9	94.4	94.5	95.5	96.0	96.0	96.8	96.8	96.9	97.3
≥ 200	71.9	82.3	85.5	88.0	89.6	90.7	93.2	94.7	94.8	96.2	96.8	96.8	97.9	97.9	98.3	98.8
≥ 100	71.9	82.3	85.5	88.0	89.6	90.7	93.2	94.7	94.8	96.3	97.0	97.0	98.3	98.3	98.8	99.4
≥ 0	71.9	82.3	85.5	88.0	89.6	90.7	93.2	94.7	94.8	96.3	97.0	97.0	98.3	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5952

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047	KANSAS CITY INTL MO	73-81	ALL
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	52.6	57.4	58.3	59.0	59.3	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7
≥ 20000	56.1	61.4	62.4	63.2	63.5	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.6	63.9	63.9
≥ 18000	56.2	61.6	62.6	63.3	63.6	63.7	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.1
≥ 16000	56.3	61.6	62.6	63.3	63.6	63.7	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.1
≥ 14000	56.9	62.3	63.3	64.1	64.4	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8
≥ 12000	58.3	64.0	65.1	65.8	66.1	66.2	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6
≥ 10000	60.7	66.8	67.9	68.7	69.0	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5
≥ 9000	61.7	68.0	69.1	70.0	70.3	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8
≥ 8000	62.9	69.5	70.7	71.6	72.0	72.1	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.5
≥ 7000	63.9	70.6	71.9	72.9	73.3	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.8
≥ 6000	64.8	71.8	73.1	74.1	74.5	74.6	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0
≥ 5000	65.8	72.9	74.3	75.3	75.7	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.3
≥ 4500	66.5	74.0	75.4	76.4	76.9	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4
≥ 4000	67.6	75.3	76.8	77.9	78.3	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9
≥ 3500	68.3	76.2	77.8	78.9	79.4	79.5	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	80.0
≥ 3000	69.5	77.8	79.5	80.6	81.1	81.3	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.8	81.8
≥ 2500	70.8	79.5	81.3	82.5	83.1	83.2	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.8
≥ 2000	72.3	81.5	83.4	84.7	85.3	85.5	85.8	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.2
≥ 1800	72.9	82.3	84.2	85.6	86.2	86.4	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.1
≥ 1500	73.8	83.9	86.0	87.5	88.2	88.4	88.8	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.2
≥ 1200	74.6	85.2	87.4	89.1	89.9	90.1	90.6	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0
≥ 1000	75.0	86.0	88.4	90.2	91.1	91.4	91.9	92.1	92.1	92.3	92.3	92.3	92.4	92.4	92.4	92.5
≥ 900	75.2	86.3	88.8	90.7	91.7	92.0	92.5	92.7	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.1
≥ 800	75.3	86.6	89.2	91.2	92.3	92.6	93.3	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.9
≥ 700	75.4	86.9	89.6	91.7	92.9	93.3	94.0	94.3	94.4	94.6	94.	94.6	94.7	94.7	94.7	94.8
≥ 600	75.5	87.0	89.8	92.1	93.4	93.8	94.7	95.1	95.1	95.4	95.4	95.4	95.5	95.5	95.5	95.6
≥ 500	75.5	87.2	90.1	92.5	93.9	94.4	95.5	95.9	95.9	96.3	96.4	96.4	96.5	96.5	96.5	96.6
≥ 400	75.6	87.3	90.3	92.7	94.3	94.8	96.1	96.6	96.7	97.2	97.3	97.3	97.5	97.5	97.5	97.6
≥ 300	75.6	87.3	90.3	92.8	94.4	95.0	96.4	97.1	97.2	97.8	98.0	98.0	98.3	98.4	98.4	98.5
≥ 200	75.6	87.4	90.3	92.8	94.4	95.1	96.5	97.2	97.3	98.1	98.4	98.4	98.9	98.9	99.1	99.3
≥ 100	75.6	87.4	90.3	92.9	94.5	95.1	96.5	97.3	97.3	98.2	98.5	98.5	99.0	99.1	99.3	99.6
≥ 0	75.6	87.4	90.3	92.9	94.5	95.1	96.5	97.3	97.3	98.2	98.5	98.5	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 70112

PART D

SKY COVER

Stations that report both synoptic and airways observations have had their sky cover reports converted into airways. The synoptic hours have significantly lower observation counts than the airways, hence, a small percentage of observations were reported in the 1/10, 4/10, 5/10, 6/10, and 8/10 categories. In order to use this data more beneficially we have combined:

1/10 and 4/10 into the 3/10 (scattered) category
5/10, 6/10 and 8/10 into the 9/10 (broken) category
0/10 is the clear category
10/10 is the overcast category

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

3947	KANSAS CITY INTL MO	74-81	JAN
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	42.9			11.7						9.7	35.6	4.8	741
	03-05	40.9			11.1						8.4	39.6	5.0	741
	06-08	33.9			10.8						12.8	42.5	5.7	741
	09-11	28.1			11.1						14.4	46.4	6.3	742
	12-14	26.2			13.7						16.7	43.4	6.3	744
	15-17	27.8			12.5						16.4	43.3	6.2	744
	18-20	33.0			13.6						13.5	40.0	5.6	741
	21-23	38.8			13.6						9.3	38.3	5.1	740
TOTALS		34.0			12.3						12.7	41.1	5.6	593

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

03947	KANSAS CITY INTL MO	74-81	FEB
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	36.1			14.7						8.0	41.2	5.3	675
	03-05	37.6			11.2						12.2	38.9	5.3	679
	06-08	31.3			14.6						10.8	42.8	5.7	677
	09-11	23.4			15.3						20.0	41.2	6.4	674
	12-14	21.4			18.4						16.5	43.7	6.4	674
	15-17	23.0			16.4						14.9	45.7	6.4	678
	18-20	29.4			17.0						13.0	40.7	5.7	678
	21-23	36.8			13.9						9.5	39.9	5.3	677
TOTALS		29.9			15.2						13.1	41.8	5.8	5415

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

3947	KANSAS CITY INTL MO	74-81	MAR
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	38.6			12.1						10.2	39.1	5.2	744
	03-05	38.6			11.8						9.6	40.0	5.2	743
	06-08	26.3			10.8						18.0	44.9	6.4	744
	09-11	22.4			16.0						17.3	44.3	6.5	742
	12-14	18.7			18.7						19.6	43.0	6.6	744
	15-17	17.7			21.1						20.4	40.7	6.5	744
	18-20	26.9			18.0						19.0	36.1	5.9	743
	21-23	39.0			13.8						9.9	37.2	5.0	744
TOTALS		28.5			15.3						15.5	40.7	5.9	5948

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

3947 KANSAS CITY INTL MO 74-81 APR

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	38.3			11.8						13.3	36.5	5.2	720
	03-05	34.5			13.9						11.4	40.1	5.5	718
	06-08	23.4			16.4						17.7	42.5	6.3	718
	09-11	21.4			16.9						16.7	45.0	6.5	720
	12-14	16.3			17.8						24.4	41.5	6.9	720
	15-17	15.9			20.0						22.1	42.0	6.8	719
	18-20	22.5			18.5						20.1	38.9	6.3	720
	21-23	35.6			14.7						14.9	34.9	5.3	720
TOTALS		26.0			16.3						17.6	40.2	6.1	5755

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

3947	KANSAS CITY INTL MO	74-81	MAY
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	35.7			15.5						13.8	35.0	5.2	740
	03-05	30.4			17.5						17.2	34.9	5.6	737
	06-08	20.4			15.5						22.0	42.1	6.7	741
	09-11	21.3			15.1						23.7	40.0	6.6	743
	12-14	13.0			21.6						29.8	35.5	6.9	744
	15-17	12.1			24.5						35.2	28.2	6.7	744
	18-20	18.8			22.2						29.2	29.8	6.3	739
	21-23	30.1			21.5						17.9	30.5	5.3	741
TOTALS		22.7			19.2						23.6	34.5	6.2	5929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

3947 KANSAS CITY INTL MO 73-80 JUN

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	47.2			17.4						13.1	22.3	3.9	718
	03-05	35.4			24.0						18.5	22.1	4.6	718
	06-08	25.7			23.5						25.9	24.9	5.5	719
	09-11	25.7			23.3						26.5	24.5	5.5	717
	12-14	16.4			31.7						30.5	21.4	5.8	719
	15-17	16.0			38.0						28.5	17.5	5.5	719
	18-20	28.5			33.8						21.4	16.4	4.6	720
	21-23	44.2			22.3						16.7	16.7	3.8	717
TOTALS		29.9			26.8						22.6	20.7	4.9	5747

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

03947	KANSAS CITY INTL MO	73-80	JUL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	53.1			18.7						16.5	11.7	3.2	744
	03-05	46.3			20.7						15.3	17.7	3.8	739
	06-08	31.8			24.7						21.9	21.6	4.9	741
	09-11	31.6			27.7						20.9	19.8	4.7	743
	12-14	22.3			34.2						26.6	16.8	5.1	743
	15-17	19.4			41.7						25.8	13.2	4.9	744
	18-20	30.6			35.6						21.1	12.6	4.2	738
	21-23	49.1			24.9						13.7	12.3	3.2	739
TOTALS		35.5			28.5						20.2	15.7	4.3	5931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

C3947 — STATION
KANSAS CITY INTL MO — STATION NAME
73-80 — PERIOD
AUG — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	51.3			17.2						11.8	19.7	3.5	743
	03-05	46.0			18.9						11.9	23.2	4.0	737
	06-08	27.7			27.1						22.1	23.1	5.1	743
	09-11	28.4			28.4						21.1	22.2	5.0	744
	12-14	22.3			34.7						23.0	20.0	5.1	744
	15-17	21.4			38.8						21.1	18.7	4.9	744
	18-20	38.0			28.2						20.2	13.6	4.0	744
	21-23	50.4			20.7						12.2	16.7	3.4	744
TOTALS		35.7			26.8						17.9	19.7	4.4	5943

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

3947	KANSAS CITY INTL MO	73-80	SEP
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	49.0			16.7						11.0	23.3	3.8	718
	03-05	44.8			18.5						7.7	29.1	4.2	715
	06-08	31.4			16.7						21.6	30.3	5.5	719
	09-11	30.8			17.3						19.7	32.2	5.5	717
	12-14	29.3			21.8						21.4	27.5	5.3	720
	15-17	27.5			25.3						22.8	24.4	5.3	720
	18-20	36.1			21.5						19.9	22.5	4.7	720
	21-23	48.1			18.4						11.0	22.6	3.8	718
TOTALS		37.1			19.5						16.9	26.5	4.8	5747

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

03947	KANSAS CITY INTL MO	73-80	OCT
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	58.7			12.2						7.8	21.3	3.2	743
	03-05	56.0			10.9						10.5	22.6	3.5	743
	06-08	42.1			17.2						18.2	22.5	4.4	743
	09-11	38.4			21.1						15.3	25.1	4.5	744
	12-14	32.7			24.2						17.2	25.9	4.9	744
	15-17	34.9			21.6						18.3	25.1	4.8	744
	18-20	44.6			20.4						13.8	21.1	4.0	744
	21-23	52.8			17.1						9.9	20.2	3.4	744
TOTALS		45.0			18.1						13.9	23.0	4.1	5949

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

03947	KANSAS CITY INTL MO	73-80	NOV
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	42.9			14.3						7.2	35.5	4.6	718
	03-05	44.6			12.1						7.0	36.4	4.6	718
	06-08	32.5			15.1						11.9	40.4	5.6	720
	09-11	25.9			15.3						15.7	43.0	6.2	718
	12-14	23.2			18.6						17.5	40.7	6.2	720
	15-17	24.6			14.9						20.9	39.6	6.3	719
	18-20	32.4			17.4						14.4	35.8	5.4	720
	21-23	42.2			13.9						9.0	34.9	4.7	720
TOTALS		33.5			15.2						13.0	38.3	5.5	5753

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

3947 — STATION
KANSAS CITY INTL MO — STATION NAME
73-80 — PERIOD
DEC — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	45.4			8.5						8.3	37.8	4.8	743
	03-05	42.2			11.9						6.5	39.5	4.9	742
	06-08	32.5			16.7						12.3	38.5	5.5	742
	09-11	25.5			16.8						15.9	41.8	6.1	744
	12-14	23.3			19.0						15.3	42.5	6.2	744
	15-17	24.3			18.7						14.4	42.6	6.1	744
	18-20	37.0			12.8						11.0	39.2	5.3	744
	21-23	41.9			12.4						9.3	36.4	4.8	744
TOTALS		34.0			14.6						11.6	39.8	5.5	5947

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

03947	KANSAS CITY INTL MO	73-81	ALL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	34.0			12.3						12.7	41.1	5.6	5938
FEB		29.9			15.2						13.1	41.8	5.8	5415
MAR		28.5			15.3						15.5	40.7	5.9	5948
APR		26.0			16.3						17.6	40.2	6.1	5755
MAY		22.7			19.2						23.6	34.5	6.2	5929
JUN		29.9			26.8						22.6	20.7	4.9	5747
JUL		35.5			28.5						20.2	15.7	4.3	5931
AUG		35.7			26.8						17.9	19.7	4.4	5943
SEP		37.1			19.5						16.9	26.5	4.8	5747
OCT		45.0			18.1						13.9	23.0	4.1	5949
NOV		33.5			15.2						13.0	38.3	5.5	5753
DEC		34.0			14.6						11.6	39.8	5.5	5947
TOTALS		32.7			19.0						16.6	31.8	5.3	70002

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

   NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: The following symbols are used in the extreme data blocks:

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

      NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

   c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

      NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

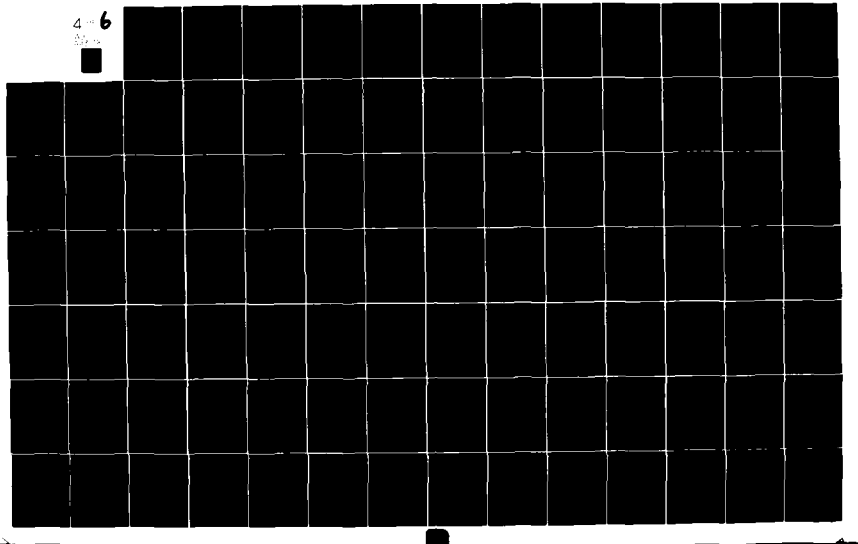
   a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

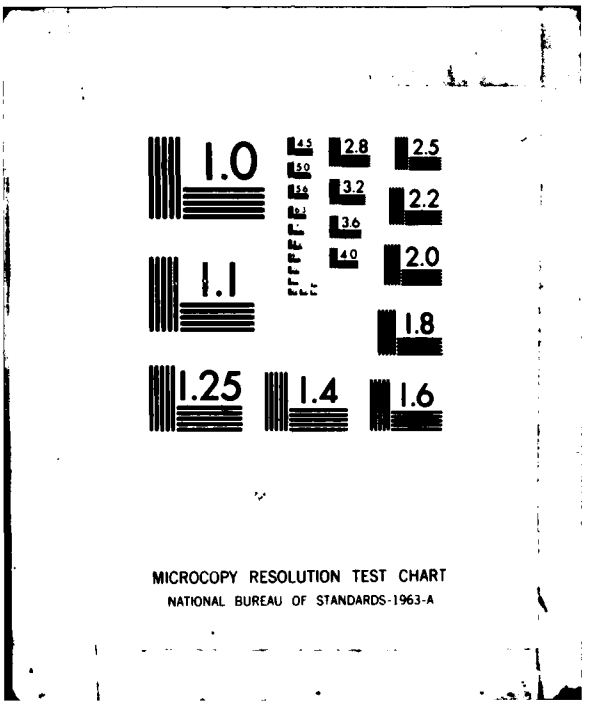
   b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

AD-A113 179 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KANSAS CITY IAP, MISSOURI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-82/003 SBI-AD-E850 135 NL

4 - 6




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/ MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0000-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
56 / 55		.1					.1											2	2		
54 / 53		.3	.4			.3	.1											8	8	1	
52 / 51		.1				.3												3	3	2	2
50 / 49		.1																1	1	4	1
48 / 47		.1																1	1	2	4
46 / 45		.3				.1												3	3	1	2
44 / 43		.5	.3	.4														7	7	7	1
42 / 41		.1	.4	.1	.1													6	6	2	1
40 / 39		.1	.5	1.1														13	13	3	1
38 / 37		.7	1.6	1.5		.4												31	31	9	3
36 / 35		1.9	2.4	.9	.1													40	40	11	5
34 / 33	.5	2.7	2.4	1.3														52	52	21	11
32 / 31	.3	4.4	4.3	.4														70	70	49	16
30 / 29	.3	2.3	2.7															43	43	69	47
28 / 27	.3	2.7	1.5	.3														35	35	63	48
26 / 25	.4	3.4	.9	.1														36	36	41	49
24 / 23	.3	2.3	1.2															28	28	34	43
22 / 21	1.5	2.6	.9															37	37	49	51
20 / 19	.4	3.1	.5															32	32	20	65
18 / 17	.6	3.4	.7															36	36	39	36
16 / 15		3.6	1.1															35	35	28	29
14 / 13		2.8	.9															27	27	35	34
12 / 11	.4	2.3																20	20	26	29
10 / 9	.7	1.7																18	18	27	23
8 / 7	.1	3.1																24	24	23	34
6 / 5	.4	3.1																25	25	21	16
4 / 3	.3	2.4																20	20	26	23
2 / 1	1.1	2.6																27	27	27	33
0 / -1	.1	.3																25	25	33	22
-2 / -3	.1	.5																10	10	10	27
-4 / -5	.5	.4																7	7	7	25
-6 / -7	1.1																	11	11	13	22
-8 / -9	1.1																	8	8	8	19
-10 / -11	.4																	3	3	3	12

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
03947	KANSAS CITY INTL MO	74-81	JAN

PAGE 2 — 0000-0200 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-12/-13																					10
-14/-15																					5
-16/-17																					9
-18/-19																					14
-20/-21																					2
TOTAL	19.3	59.9	23.0	5.2	.5	1.1	.3												744		744
																		744		744	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3214024	523394	70.4	12.936	744							
Dry Bulb	477501	15855	21.3	13.708	744	5.0	72.1					93
Wet Bulb	396373	14355	19.3	12.677	744	9.3	81.4					99
Dew Point	274525	9539	12.8	14.314	744	21.1	89.1					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 — STATION
KANSAS CITY INTL MO — STATION NAME
74-81 — YEARS
JAN. — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53						.5												4	4		
52/ 51		.1			.7	.1												4	4		
50/ 49		.3																2	2	1	1
48/ 47		.4																3	3	3	1
46/ 45																				5	4
44/ 43																				5	
42/ 41		.4		.4	.1													7	7	1	
40/ 39		.3	1.2															11	11	3	
38/ 37	.1	.3	1.3	.9		.4												23	23	4	3
36/ 35	.3	1.6	2.0	.5	.1													34	34	16	4
34/ 33		2.3	3.2	.3														47	47	26	9
32/ 31	.8	5.5	2.6	.8														72	72	53	19
30/ 29	.7	4.2	1.9	.4														53	53	74	42
28/ 27		1.5	1.1	.3														21	21	51	35
26/ 25	.8	3.9	1.9															49	49	40	44
24/ 23	.3	2.6	1.1															29	29	49	44
22/ 21	.8	2.3	.5															27	27	35	40
20/ 19	.8	3.1	.8															35	35	34	42
18/ 17	1.2	2.9	.4															33	33	38	37
16/ 15	.5	2.8	.7															26	26	24	43
14/ 13	.7	4.2	.5															40	40	25	45
12/ 11	.3	2.2																18	18	33	24
10/ 9	.9	3.8																35	35	33	19
8/ 7	.3	2.7																2	22	33	25
6/ 5	.3	1.3																	12	19	21
4/ 3	.4	3.1																	26	17	24
2/ 1	.3	3.4																31	31	31	42
0/ -1	2.6	.9																26	26	32	24
-2/ -3	1.3	.3																12	12	17	15
-4/ -5	1.6	.5																16	16	17	22
-6/ -7	.8																	6	6	7	25
-8/ -9	1.3																	10	10	10	21
-10/-11	.8																	6	6	6	26
-12/-13	.3																	2	2	2	13

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 — STATION
KANSAS CITY INTL AP — STATION NAME
74-81 — YEARS
JAN — MONTH

PAGE 2 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-14/-15																					13
-16/-17																					5
-18/-19																					16
-20/-21																					4
-22/-23																					1
TOTAL	1	756	31	2	4		1												744		744
																		744		744	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3943793	53335	71.7	12.707	744							
Dry Bulb	430860	14742	19.8	13.666	744	9.5	76.1					93
Wet Bulb	361934	13406	18.0	12.728	744	11.4	85.0					93
Dew Point	257292	8798	11.8	14.362	744	22.8	90.3					93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
03947	KANSAS CITY INTL AP	74-81	JAN

PAGE 1 0600-0900 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53						.1												1	1		
52/ 51				.1	.3	.3												5	5		
48/ 47		.1																1	1		
46/ 45	.1																	1	1	5	1
44/ 43		.3	.1															3	3	1	1
42/ 41		.1	.1	.3														4	4	4	
40/ 39		.5	.7															9	9	2	3
38/ 37		.9	.9	.3		.4												18	18	9	5
36/ 35	.1	1.6	2.7	.8														39	39	17	6
34/ 33		2.3	1.7	.7														35	35	19	12
32/ 31	.7	4.6	3.4	.4		.1												68	68	52	18
30/ 29	.9	4.3	1.2															46	46	61	35
28/ 27		3.2	1.9															35	35	53	32
26/ 25	.3	2.7	1.1	.1														35	35	44	39
24/ 23	.4	3.5	1.3															39	39	41	43
22/ 21	1.3	1.9	.3															30	30	37	38
20/ 19	.3	3.9	.5															35	35	29	51
18/ 17	.4	3.3	.3															27	27	36	30
16/ 15	1.9	2.7	.3															36	36	42	33
14/ 13	1.3	2.7	.4															34	34	25	44
12/ 11	1.1	3.5																34	34	33	27
10/ 9	.3	3.9																35	35	38	37
8/ 7	.4	3.1																26	26	37	21
6/ 5	.4	1.1																11	11	16	17
4/ 3	.3	3.1																26	26	18	33
2/ 1	.5	2.8																25	25	32	41
0/ -1	2.3	1.1																25	25	22	15
-2/ -3	1.1	.7																13	13	19	22
-4/ -5	1.1	.5																12	12	12	19
-6/ -7	.6	.1																7	7	9	16
-8/ -9	.3																	19	19	19	22
-10/-11	.4																	3	3	3	19
-12/-13	.3																	7	7	7	9
-14/-15																					12

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-16/-17																					7
-18/-19																					12
-20/-21																					19
TOTAL	21.4	57.7	17.1	2.7	.3	.0													744		744
																		744		744	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4002236	53760	72.3	12.583	744							
Dry Bulb	403417	14065	18.9	13.605	744	10.5	78.5					93
Wet Bulb	342337	12845	17.3	12.739	744	11.4	85.9					93
Dew Point	248311	8353	11.2	14.497	744	22.0	90.0					93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 — STATION
KANSAS CITY INTL AP — STATION NAME
74-81 — YEARS
JAN — MONTH

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
56 / 55				.1														1	1		
54 / 53				.3		.1												3	3		
52 / 51						.4												5	3		
50 / 49					.1	.1												2	2	1	
48 / 47						.1												1	1	2	
46 / 45			.1	.3	.3													6	6		
44 / 43		.3	.1	.3	.1	.1												7	7	3	1
42 / 41		.4	.2	.5	.3													11	11	7	1
40 / 39		.5	2.4	1.5	.4	.1												35	35	6	1
38 / 37	.1	1.3	1.3	1.6	.2													35	35	15	7
36 / 35	.1	1.9	2.2	1.6	.3													44	44	40	3
34 / 33		2.3	2.3	.3														36	36	44	16
32 / 31	.2	4.3	4.2	.3	.1													73	73	49	34
30 / 29	.4	2.8	2.3	.4														36	36	45	39
28 / 27	.3	3.1	1.2	.5														37	37	52	43
26 / 25	.3	2.0	1.7	.1														31	31	42	46
24 / 23	.5	1.3	1.1	.1														23	23	37	38
22 / 21	1.1	1.9	1.6															34	34	28	45
20 / 19	.9	3.3	.4	.1														32	32	34	32
18 / 17	.5	2.3	1.1															33	33	34	25
16 / 15	.8	1.7	1.1															27	27	31	35
14 / 13	.9	3.1	.3															32	32	25	26
12 / 11	.7	4.3	.3															37	37	35	30
10 / 9	.7	3.9	.3															33	33	43	33
8 / 7	.1	3.2																25	25	24	23
6 / 5		1.7																13	13	26	26
4 / 3	.1	3.3																23	23	21	23
2 / 1		2.4																18	18	18	29
0 / -1	1.1	.4																11	11	17	13
-2 / -3	.4	1.2																12	12	11	24
-4 / -5	.7	.5																9	9	9	26
-6 / -7	.8																	6	6	10	17
-8 / -9	.3																	7	7	7	25
-10 / -11	.7																	5	5	5	13

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
KANSAS CITY INTL AP — STATION NAME
74-81 — YEARS
JAN — MONTH

PAGE 2 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-12/-13																					7
-14/-15																					7
-16/-17																					12
-18/-19																					11
-20/-21																					7
-22/-23																					2
TOTAL	12.	52.0	23.9	9.3	2.3	1.1											743	743		743	
																			743		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3641512	50912	68.5	14.355	743							
Dry Bulb	510639	16457	22.1	13.545	743	6.3	69.7					93
Wet Bulb	406335	14761	19.9	12.454	743	7.4	78.2					93
Dew Point	276439	9567	12.9	14.347	743	19.7	89.4					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 — STATION
KANSAS CITY INTL MO — STATION NAME
74-81 — YEARS
JAN — MONTH

PAGE 1
1200-1400 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 65										.1								1	1		
64/ 63									.1									1	1		
62/ 59							.1	.1										2	2		
58/ 57				.2			.1	.3										5	5		
56/ 55				.1		.3	.5	.1										8	8		
54/ 53					.4	.3	.1											6	6		
52/ 51					.2	.5	.4											9	9	2	
50/ 49				.1	.4	.3	.2											5	5	2	
48/ 47			.2		.7	.4												10	10	2	1
46/ 45			.4	.4	.7	.8												17	17	7	2
44/ 43		.5		2.3	1.1	.9												34	34	16	
42/ 41		.5	.7	3.1	1.1													40	40	16	1
40/ 39		.1	1.3	2.6	.8	.1												35	35	18	5
38/ 37		1.7	.5	2.2	.8	.3												39	39	39	4
36/ 35	.3	2.0	1.2	1.6	.6	.1												45	45	61	11
34/ 33	.5	1.7	2.2	1.3	.7													46	46	57	19
32/ 31	.3	1.7	2.6	2.3	.3													53	53	40	46
30/ 29	.7	1.6	1.5	.7														33	33	58	44
28/ 27	.5	1.5	1.3	.7														30	30	46	47
26/ 25	.5	1.6	1.1	.9														30	30	48	65
24/ 23		1.7	1.2	.5														26	26	31	25
22/ 21	.3	1.2	1.3	.3														23	23	36	44
20/ 19	.1	2.4	1.9															33	33	26	58
18/ 17	.1	1.7	2.2															30	30	29	27
16/ 15	.1	2.8	1.7															35	35	28	33
14/ 13	.4	3.1	1.2															35	35	38	22
12/ 11	.1	2.4	.9															26	26	41	30
10/ 9	.1	2.7	.5															25	25	24	19
8/ 7		2.2																16	16	31	27
6/ 5		1.7																13	13	17	25
4/ 3		.9																7	7	12	29
2/ 1		.7																5	5	5	31
0/ -1	.3	.4																5	5	8	27
-2/ -3		.5																4	4	4	21

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	JAN
STATION	STATION NAME	YEARS	MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-4/ -5	.3	.1																3	3	4	2
-6/ -7	.3	.3																4	4	3	9
-8/ -9																				1	2
-10/-11																					12
-12/-13																					5
-14/-15																					6
-16/-17																					4
-18/-19																					5
-20/-21																					3
TOTAL	.3	.8	24.1	12.1	7.4	4.0	1.6	.5	.1	.1									744		744
																		744		744	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2896496	44848	60.3	16.120	744							
Dry Bulb	719847	20809	28.0	13.620	744	2.0	54.5					93
Wet Bulb	540965	18025	24.2	11.846	744	2.5	65.5					93
Dew Point	311693	11273	15.2	13.770	744	16.5	87.6					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY [illegible]
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 — STATION
KANSAS CITY INTL AP — STATION NAME
74-81 — YEARS
JAN — MONTH

PAGE 1
1500-1700 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
68 / 67										.2								2	2		
66 / 59							.1	.4										4	4		
58 / 57				.3		.7		.1										10	10		
56 / 55			.1			.7	.5	.1										5	5		
54 / 53					.3	.7	.1	.1										9	9		
52 / 51			.4		.1	.9	.4											11	11	3	
50 / 49					.7	.7	.1											11	11	2	1
48 / 47			.1	.3	1.7	.9												20	20	6	2
46 / 45			.3	.9	.9	1.1												21	21	10	
44 / 43		.4	.4	1.2	.5	.7												26	26	16	
42 / 41		.7	.9	2.7	1.2		.3											43	43	24	6
40 / 39		.4	1.1	3.9	.3	.1												46	46	27	9
38 / 37		1.1	.9	1.7	.3	.5												34	34	39	5
36 / 35	.1	.3	.9	1.5	.5													33	33	35	10
34 / 33	.4	2.0	1.1	2.1	1.1	.1												50	50	56	12
32 / 31	.4	1.3	3.1	1.3	.3													49	49	43	40
30 / 29	.7	1.5	2.3															31	31	44	53
28 / 27	.9	1.7	1.7	1.1														41	41	61	45
26 / 25	.1	2.9	2.7	1.3														46	46	40	46
24 / 23		.8	.4	.4														12	12	35	41
22 / 21	.1	1.2	.7	.1														16	16	35	47
20 / 19		1.	.3	.1														29	29	18	32
18 / 17		2.4	2.7															38	38	19	31
16 / 15	.1	3.1	2.2															40	40	45	37
14 / 13		2.3	.8															23	23	37	27
12 / 11	.3	2.3	1.2															28	28	38	15
10 / 9		1.9	.4															17	17	17	29
8 / 7	.1	1.3	.3															13	13	29	22
6 / 5		1.5																11	11	13	19
4 / 3		.9																7	7	8	23
2 / 1		.6																6	6	6	41
0 / -1	.3	.3																7	7	11	30
-2 / -3		.3																2	2	3	15
-4 / -5	.4																	3	3	4	17

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1500-1700
HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-8 / -7																					
-6 / -5																					
-4 / -3																					
-2 / -1																					1
0 / 1																					7
2 / 3																					1
4 / 5																					6
6 / 7																					4
8 / 9																					4
TOTAL	4.4	32.3	28.7	18.4	7.9	5.9	1.6	1.5		.3								744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2764692	43730	58.8	16.174	744	1.9	52.4	.3				93
Dry Bulb	780920	21723	29.3	13.757	744	1.9	52.4	.3				93
Wet Bulb	577436	18784	25.2	11.783	744	2.3	63.3					93
Dew Point	321757	11741	15.8	13.594	744	14.9	87.5					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 STATION | KANSAS CITY INTL WSO STATION NAME | 74-81 YEARS | JAN MONTH

PAGE 1 | 1800-2000 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
58 / 55			.3				.1											3	3		
54 / 52		.1		.4		.3												6	6	1	
52 / 51			.1	.3	.1	.5												5	8	2	
52 / 47				.1	.2	.4	.1											7	7		3
47 / 47				.1	.3													4	4	5	
48 / 45				.	.	.1												13	13	1	
44 / 43			.1	1.1	.													13	13	7	4
42 / 41		.3	.3	1.7	1.1													27	27	9	1
40 / 39		.1	2.3	1.9	.	.4												36	39	16	1
38 / 37	.2	1.2	1.6	2.6	.1													42	42	25	6
36 / 35		1.3	2.3	2.3	.3													45	45	41	10
34 / 33	.4	1.7	2.7	1.7	.													51	51	46	11
32 / 31		3.6	3.2	.3	.													54	54	61	32
30 / 29	.7	2.4	1.7	.5														48	48	66	45
28 / 27	.3	1.9	.3	1.1														35	35	61	54
26 / 25	.1	2.0	2.4	.4														37	37	27	59
24 / 23		2.5	1.2															28	28	39	21
22 / 21	.3	1.6	2.3	.1														30	30	43	44
20 / 19	.3	1.7	2.6															34	34	27	62
18 / 17	.4	1.9	1.1															22	22	27	32
16 / 15	.1	2.3	1.1															30	30	31	32
14 / 13		3.3	.3															24	24	25	29
12 / 11	.1	4.1	.5															35	35	29	24
10 / 9	.3	3.0	.1															25	25	36	29
8 / 7	.1	2.5																22	22	27	31
6 / 5	.3	2.4																20	20	24	20
4 / 3		1.6																12	12	18	21
2 / 1		1.5																11	11	11	44
0 / -1	.4	1.1																11	11	10	19
-2 / -3	.4	.5																7	7	12	28
-4 / -5		.9																7	7	4	27
-6 / -7	.1																	1	1	6	14
-8 / -9	.3																	2	2	2	12
-10 / -11																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047	KANSAS CITY INTL AP	74-81	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 2 1000-2300
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-12 / -13																					3
-14 / -15																					3
-16 / -17																					1
-18 / -19																					1
-20 / -21																					2
TOTAL	.4	4.6	12.5	15.3	4.0	1.7	.3											744	744		744
																		744		744	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	3225673	47876	64.3	13.964	744							
Dry Bulb	512916	18906	25.4	13.349	744	3.9	60.0					93
Wet Bulb	431569	16603	22.4	12.827	744	4.3	73.6					93
Dew Point	297657	10811	14.5	13.754	744	16.4	88.5					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 1 2100-2300 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 55							.1											1	1		
54/ 53		.4	.4			.5												10	10		
52/ 51			.3															2	2	3	3
50/ 49		.1				.1												2	2	3	
48/ 47				.1														1	1	3	
46/ 45		.3	.1	.4	.4													9	9	1	6
44/ 43			.4	.1	1.1		.1											13	13	6	2
42/ 41		.5	.3	.3	.1													17	17	6	1
40/ 39			1.1	.6	.7	.4												22	22	9	
38/ 37		.4	1.5	1.2	.1													29	29	17	2
36/ 35	.3	1.5	3.0	2.2	.3													53	53	21	7
34/ 33	.3	2.3	1.7	1.3														44	44	51	8
32/ 31	.7	3.9	4.2	.1														63	63	53	29
30/ 29	.4	2.3	3.5	.1														47	47	68	35
28/ 27	.9	2.3	.9															31	31	66	44
26/ 25	.3	2.6	1.5	.5														36	36	41	55
24/ 23	.1	3.2	1.6	.1														38	38	29	39
22/ 21	.4	1.7	.9															23	23	43	39
20/ 19	.3	4.7	2.0															52	52	32	13
18/ 17	.4	2.4	.8															27	27	35	35
16/ 15		1.9	1.1															22	22	36	33
14/ 13	.1	1.9	.3															17	17	19	16
12/ 11	.1	3.0	.4															26	26	17	35
10/ 9	.1	3.3	.1															24	24	29	25
8/ 7		3.5																28	28	27	27
6/ 5		3.1																23	23	34	19
4/ 3	.7	2.7																25	25	30	17
2/ 1	.1	2.4																19	19	17	40
0/ -1	1.3	.3																12	12	18	25
-2/ -3	.1	.8																7	7	5	37
-4/ -5	.7	.8																11	11	12	25
-6/ -7	.3																	6	6	9	15
-8/ -9	.5																	4	4	4	12
-10/-11																					5

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL WSO	74-81		JAN
STATION	STATION NAME	YEARS		MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb Dew Point
-16/-17																				3
-14/-15																				11
-12/-13																				9
-10/-11																				1
-08/-09																				2
TOTAL	2	151.7	26.6	2.6	2.7	1.1	.3												744	744
																		744	744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	358576	50644	69.1	13.492	744							
Dry Bulb	535231	17253	23.2	13.457	744	5.0	67.6					93
Wet Bulb	434929	15459	20.8	12.371	744	6.3	78.0					93
Dew Point	288318	13256	13.2	14.363	744	19.6	60.3					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/ MAC

PSYCHROMETRIC SUMMARY

03947 — STATION
KANSAS CITY INTL AP — STATION NAME
74-81 — YEARS
JAN — MONTH
PAGE 1
ALL — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
68 / 67										•								2	2		
66 / 65										•								1	1		
64 / 63									•									1	1		
62 / 61							•	• 1										6	6		
60 / 59				• 1		•	•	• 1										15	15		
58 / 57		•	• 1	•		• 1	• 2	•										23	23		
56 / 55		• 1	• 1	• 1	• 1	• 4	• 1	•										47	47	2	
54 / 53		•	• 1	• 1	• 1	• 3	• 1											45	45	12	5
52 / 51		• 1		•	• 2	• 2	• 1											33	33	13	6
50 / 49		• 1	• 1	• 1	•	• 2												41	41	23	9
48 / 47	• 1	• 1	• 1	• 3	• 4	• 3												72	72	26	15
46 / 45		• 2	• 2	• 6	•	• 2	• 1											103	103	61	9
44 / 43		• 4	• 4	1 • 2	• 3		• 1											155	155	69	11
42 / 41		• 5	1 • 3	1 • 4	• 4	• 2												209	209	94	17
40 / 39	• 1	• 9	1 • 2	1 • 6	• 2	• 3												251	251	157	36
38 / 37	• 2	1 • 6	2 • 1	1 • 4	• 3	• 2												330	330	264	59
36 / 35	• 3	2 • 2	2 • 2	1 • 2	• 7	• 2												363	363	352	96
34 / 33	• 5	3 • 6	3 • 4	• 8	• 1	• 2												502	502	400	244
32 / 31	• 7	2 • 5	2 • 1	• 3														329	329	505	348
30 / 29	• 5	2 • 2	1 • 3	• 5														265	265	453	336
28 / 27	• 4	2 • 5	1 • 7	• 5														300	300	323	302
26 / 25	• 3	2 • 3	1 • 1	• 2														223	223	295	293
24 / 23	• 7	1 • 8	1 • 1	• 1														220	220	300	348
22 / 21	• 4	2 • 9	1 • 4	• 3														262	262	220	453
20 / 19	• 5	2 • 5	1 • 1															246	246	257	253
18 / 17	• 5	2 • 7	1 • 1															253	253	265	280
16 / 15	• 9	2 • 9	• 6															232	232	232	244
14 / 13	• 4	3 • 0	• 4															224	224	252	212
12 / 11	• 5	2 • 9	• 2															212	212	247	214
10 / 9	• 2	2 • 9	• 3															176	176	231	210
8 / 7	• 2	2 • 3																128	128	174	159
6 / 5	• 3	2 • 2																146	146	150	198
4 / 3	• 3	2 • 1																142	142	147	311
2 / 1	1 • 5	• 6																122	122	151	183
0 / -1																					

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/ MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL WSO	74-81	JAN
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-2/ -3	.9	.6																67	67	81	188
-4/ -5	.7	.5																68	68	69	163
-6/ -7	.4	.1																41	41	57	126
-8/ -9	.																	50	50	51	121
-10/-11	.3																	17	17	17	104
-12/-13	.2																	9	9	9	54
-14/-15																					77
-16/-17																					59
-18/-19																					76
-20/-21																					41
-22/-23																					3
TOTAL	11.5	4.5	3.4	1.4	3.7	2.1	.5	.3	.2	.1									5951		5951
																		5951		5951	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	27870607	397499	66.8	14.892	5951							
Dry Bulb	4461231	139915	23.5	14.033	5951	46.8	531.8	.3				744
Wet Bulb	3543944	124313	20.9	12.615	5951	54.4	610.9					744
Dew Point	2276522	80358	13.5	14.159	5951	152.2	711.4					744

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
03947	KANSAS CITY INTL AP	74-81	FEB

PAGE 1 0300-0320 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
62 / 61				.1	.3													3	3		
60 / 59				.1		.3												3	3		
58 / 57		.4				.4	.3											8	8	1	
56 / 55			.1				.3											3	3	3	
54 / 53		.1		.3	.4	.1	.4	.1										11	11	3	4
52 / 51		.1		.3	1.	.1	.7											16	16	2	1
50 / 49			.1	.7	.1													7	7	4	2
48 / 47		.3	.1	.3	.4	.1												9	9	6	3
46 / 45		.6	.7	.1	.4	.1												15	15	14	5
44 / 43		.7	1.1	.1	.4													19	19	22	9
42 / 41		.3	.4	1.6	.7													20	20	12	13
40 / 39	.3	.7	1.2	1.2	.4													29	29	19	16
38 / 37	.4	1.3	.9	.6	.1													23	23	30	21
36 / 35	.6	2.4	2.9	.7														45	45	46	16
34 / 33	.3	1.9	3.1	.1														37	37	50	25
32 / 31	.1	3.4	4.1	.4														58	58	43	26
30 / 29	.6	2.9	1.8															36	36	54	43
28 / 27	.6	4.1	.9															37	37	50	43
26 / 25	.3	3.4	.4	.1														29	29	39	53
24 / 23	.3	2.4	.4															21	21	35	47
22 / 21	.4	3.4	.6															30	30	27	33
20 / 19		3.7	.6															29	29	16	49
18 / 17		3.2	.7															27	27	32	35
16 / 15		5.3	.3															36	36	29	19
14 / 13	.3	3.2																24	24	33	14
12 / 11	.9	1.8																18	18	26	32
10 / 9	.4	2.2																18	18	21	35
8 / 7	.4	1.9																16	16	17	26
6 / 5	.1	1.3																10	10	15	15
4 / 3	.7	1.3																14	14	14	23
2 / 1		1.6																11	11	10	20
0 / -1	.7																	5	5	8	10
-2 / -3	.3	.1																3	3	2	16
-4 / -5	.6	.1																5	5	5	8

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 2 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
-8 / -7	.4																	3	3	4	4
-6 / -5																					15
-12/-11																					7
-14/-13																					4
-16/-15																					2
-18/-17																					3
TOTAL	5.1	54.6	23.6	7.1	5.5	1.3	1.5	.1										678	678		678
																		678		678	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3570420	48360	71.3	13.370	678							
Dry Bulb	646992	18862	27.9	14.033	678	2.0	53.3					84
Wet Bulb	527713	16901	24.9	12.537	678	2.4	59.7					84
Dew Point	365701	12871	19.3	13.389	678	8.1	72.1					84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 — STATION
KANSAS CITY INTL MO — STATION NAME
74-81 — YEARS
FEB — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb Dew Point
60 / 59		.3		.4														5	5	
58 / 57		.1	.3	.1		.6												8	8	2
56 / 55			.3			.1												3	3	3
54 / 53			.1		.1		.1											3	3	5 1
52 / 51					.2	.4	.3											9	9	1
50 / 49				1.7		.7	.1											13	13	5 1
48 / 47		.4	.4	.1		.1												5	8	3 4
46 / 45		.1		.3	.1	.1												5	5	4 2
44 / 43		.3	.1	.4	.1													7	7	16 2
42 / 41		.6	.9	1.7	.4													21	21	9 2
40 / 39		2.4	1.3	1.6	.4													39	39	17 9
38 / 37		2.1	.6	1.2														26	26	25 10
36 / 35	.3	2.5	2.4	1.2														43	43	36 17
34 / 33	.4	2.5	2.1	.3														36	36	47 21
32 / 31	.3	4.9	1.9	.6														52	52	44 26
30 / 29	.3	4.6	2.5	.1														51	51	55 32
28 / 27	.6	3.2	.9	.1														53	53	51 47
26 / 25		3.7	.7															30	30	45 50
24 / 23		2.9	.3															22	22	30 45
22 / 21	.7	3.4	.9															34	34	39 39
20 / 19	.3	3.2	.9															30	30	26 54
18 / 17		2.5	.3															19	19	26 41
16 / 15	.3	3.7	.1															28	28	27 25
14 / 13	.1	5.3	.1															36	38	27 12
12 / 11	1.5	2.2	.6															29	29	40 24
10 / 9	.3	2.2	.1															18	18	20 43
8 / 7		1.5																10	10	18 32
6 / 5		.4																3	3	10 18
4 / 3	.1	1.9																14	14	12 20
2 / 1	.6	1.9																17	17	13 19
0 / -1	.3	.3																8	8	12 8
-2 / -3	.3	.1																3	3	4 11
-4 / -5	.6	.1																5	5	5 16
-6 / -7	.3																	2	2	3 6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
KANSAS CITY INTL MO — STATION NAME
74-81 — YEARS
FEB — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-6/ -9	.3																	4	4	4	5
-10/-11	.3																	2	2	2	2
-12/-13																					1
-14/-15																					2
-16/-17																					8
-18/-19																					3
-20/-21																					2
TOTAL	.3	29.6	15.1	8.7	2.1	2.2	.5											678	678	678	670

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3710807	49403	72.9	12.806	678							
Dry Bulb	592391	17699	26.1	13.877	678	3.0	56.0					84
Wet Bulb	491371	16131	23.8	12.636	678	3.7	62.8					84
Dew Point	347329	12327	18.2	13.490	678	8.8	74.0					84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0600-0800
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 61				.1														1	1		
81/ 59				.3														2	2		
80/ 57						.1												1	1		
80/ 55			.1		.3													3	3	3	
79/ 53		.1	.1															2	2	1	
82/ 51		.3	.1	.1	.4	.1												5	5	2	
80/ 49	.1	.1	.3		.4	.1	.3											11	11	5	7
82/ 47	.1	.1	.1	.4	.1	.4	.1											12	12	4	4
81/ 45		.3	.1	.1														4	4	5	1
44/ 43		.3	.5	.6	1.3													18	18	8	5
82/ 41		.1	.4	.5	.4	.1												12	12	11	4
80/ 39	.4	2.1	1.0	1.0	.6													35	35	16	7
80/ 37	.1	2.1	.7	.5														24	24	26	14
80/ 35	.1	1.9	1.3	.4														24	24	35	13
34/ 33	.7	2.6	2.2	.5														43	43	36	20
34/ 31	.6	4.1	2.9	.3														58	58	42	35
36/ 29	.9	5.3	2.4	.1														57	57	55	37
28/ 27	.3	2.9	.6															30	30	64	43
28/ 25		3.5	.7															29	29	37	47
24/ 23		2.4	1.3															23	23	25	35
22/ 21	.3	3.5	.7															35	35	40	39
20/ 19	.4	4.3	.6															36	36	29	47
18/ 17	.4	2.5	.6															24	24	30	43
18/ 15	.1	3.1	.3															24	24	24	29
14/ 13	.9	4.4	.3															38	38	32	21
12/ 11	1.2	2.8	.1															28	28	33	21
10/ 9	1.1	1.5																17	17	30	33
8/ 7	.1	2.4																17	17	14	40
6/ 5		.6																4	4	12	20
4/ 3	.3	.7																7	7	7	14
2/ 1	.4	2.1																17	17	12	21
0/ -1	.3	.3																8	8	12	6
-2/ -3	.3	.4																9	9	10	11
-4/ -5	.3																	2	2	3	8

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-8 / -7	.7																	5	5	5	7
-6 / -5	.3																	6	6	6	14
-12 / -11	.3																	2	2	2	5
-10 / -9	.3																	2	2	2	6
-16 / -15																					2
-14 / -13																					7
-18 / -17																					7
-22 / -21																					1
-26 / -25																					1
-30 / -29																					1
TOTAL	14.3	56.9	17.4	5.2	3.7	1.8	.4											678			678
																		678		678	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3774817	49835	73.5	12.804	678							
Dry Bulb	552725	16961	25.0	13.773	678	4.2	59.2					64
Wet Bulb	463740	15630	22.9	12.631	678	5.0	65.2					64
Dew Point	332414	11778	17.4	13.740	678	9.3	75.1					64

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 | KANSAS CITY INTL AP | 74-81 | FEB
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0900-1100
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
72 / 69								.1										1	1		
68 / 67								.1										1	1		
66 / 65			.1					.1										2	2		
64 / 63			.1	.3			.1											4	4		
62 / 61						.1	.1											2	2	2	
61 / 59		.1						.1		.1								3	3		2
59 / 57						.2	.1	.3										6	5	3	
58 / 55		.1	.1			.2	.1	.1	.1									13	13	1	1
54 / 53		.1	.3	.1	.4	.1	.2											14	14	4	2
52 / 51			.3	.1	.4	.4		.1										10	10	3	3
50 / 49			.3	.1	.3	1.2												12	12	3	
48 / 47		.4	.6	.1	.4	.3												16	16	8	2
46 / 45		.4	.1	.7	.3	.1												16	16	14	2
44 / 43	.4	.7	.7	1.2	1.2	.1												30	30	24	8
42 / 41	.1	.4	1.3	2.5	.7													32	32	25	13
40 / 39	.3	.4	1.3	1.8	.4													29	29	22	13
38 / 37		1.2	1.9	2.4	.1													31	31	26	12
36 / 35	.3	1.6	1.5	.7														29	29	47	9
34 / 33	.6	1.9	2.2	.9														39	38	39	24
32 / 31		3.7	3.3	.6														51	51	37	34
30 / 29		2.4	2.7	.1														35	35	62	40
28 / 27	.1	2.3	1.6															31	31	34	62
26 / 25	.4	3.4	1.3															35	35	38	49
24 / 23		2.5	.4															20	20	38	39
22 / 21	.4	2.7	1.0															28	28	30	37
20 / 19		3.7	1.5															35	35	21	50
18 / 17	.3	2.7	.6															24	24	32	33
16 / 15		3.7																25	25	29	37
14 / 13		2.8																19	19	23	28
12 / 11	.3	2.7	.1															21	21	20	16
10 / 9	.1	2.4	.1															18	18	21	26
8 / 7		1.6																11	11	16	29
6 / 5		1.2																8	8	12	11
4 / 3		.7																5	5	8	22

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1	.3	1.8																12	12	9	16
0/ -1	.6	.1																5	5	8	12
-2/ -3		.1																1	1	1	10
-4/ -5	.3	.1																3	3	3	12
-6/ -7	.6																	4	4	5	9
-8/ -9	.1																	1	1	1	7
-10/-11																					3
-14/-15																					1
-16/-17																					2
-18/-19																					4
-22/-23																					1
TOTAL	1.3	4.5	2.6	11.3	3.3	3.4	1.9	1.2	.1	.1									676		676
																		676		676	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3263730	45926	67.9	14.585	676							
Dry Bulb	736499	19939	29.5	14.524	676	1.7	48.7	.2				84
Wet Bulb	576922	17782	26.3	12.718	676	2.2	55.9					84
Dew Point	393236	13236	19.6	13.558	676	9.1	72.4					84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 1 12Z-14Z
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76 / 75										.1								1	1		
74 / 73										.1								1	1		
72 / 71										.1								1	1		
70 / 69					.1			.1	.1									3	3		
68 / 67				.1	.1		.1		.1	.1	.1							6	6		
66 / 65						.1	.1	.1	.1	.1	.1							9	9		
64 / 63						.1	.1	.3	.1	.3								11	11		
62 / 61				.1	.3	.4	1.1	.1	.1									13	13	3	
60 / 59			.1	.3		.4	.4	.1	.1									15	15		
58 / 57			.1			.2	.2	.2	.1									11	11	2	2
56 / 55			.1	.3	.1	.3	.2											11	11	2	1
54 / 53		.1	.1		.4	1.2	1.3											23	23		
52 / 51			.4		.2	1.1	.2											14	14	2	2
50 / 49		.3	.3		.2	.3	.2											14	14	2	4
48 / 47	.2	.1	.4	.3	1.2	.3	.1											23	23	12	7
46 / 45	.3	.3	.4	1.1	1.1	.1												27	27	20	8
44 / 43	.1	.1	.2	.5	.2	.1												16	16	13	5
42 / 41		.4	.5	1.2	1.2													23	23	32	16
40 / 39		.3	1.2	1.6	.2													27	27	34	16
38 / 37	.4	.9	1.2	1.5	.2													33	33	32	14
36 / 35	.1	.6	2.2	1.6	.4													35	35	31	17
34 / 33		1.3	1.1	1.3														23	23	33	24
32 / 31		3.1	2.2	1.6														51	51	45	35
30 / 29	.4	2.5	1.3	.4														35	35	49	68
28 / 27	.2	1.8	2.4															33	33	42	62
26 / 25	.6	2.4	2.5	.4														40	40	39	39
24 / 23		.3	.6															10	10	36	27
22 / 21		1.5	2.4															26	26	21	37
20 / 19		3.4	3.1															44	44	26	49
18 / 17		.7	2.2															20	20	35	23
16 / 15		2.1	.2															18	18	23	31
14 / 13		1.5	.7															15	15	26	25
12 / 11		1.8	.3															14	14	10	23
10 / 9		.9	.1															7	7	17	31

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03-47	KANSAS CITY INTL AP	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 7		.4																6	6	10	4
6/ 5		.4																3	3	4	1
4/ 3		.1																1	1	3	1
2/ 1		.3																2	2	1	2
0/ -1		.3																2	2	3	1
-2/ -3		.1																1	1	1	1
-4/ -5																				1	4
-6/ -7																					7
-8/ -9																					4
-10/-11																					3
-12/-13																					1
-14/-15																					2
-16/-17																					1
-18/-19																					1
TOTAL	3.1	29.2	22.5	13.2	9.7	5.9	5.3	1.9	2.5	1.2	.4						675	678	678	678

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	265247	40665	60.3	16.727	678							
Dry Bulb	999182	23972	35.2	15.309	678	.4	40.6	1.5	.2			84
Wet Bulb	727957	20561	30.3	12.420	678	.6	48.6					84
Dew Point	432446	14692	21.7	12.981	678	5.0	69.5					84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL MO	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1800-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 75										.1	.1							2	2		
76/ 73								.1		.1								3	3		
74/ 71											.1	.1						4	4		
72/ 69							.1				.1	.1						3	3		
70/ 67						.1			.1	1.2	.5	.1						13	13		
68/ 65						.1	.1		.2	.3	.3							16	16		
66/ 63				.1	.1	.1	.1		.1	.4								11	11		
64/ 61					.1		.1	.1										6	6		
62/ 59			.1	.1	.1		.1	.2		.3								22	22	2	
60/ 57			.1	.4	.1	.3	.6	.4	.2									16	16	7	
58/ 55			.1	.3	.1	.3	1.6	.4										24	24	6	
56/ 53				.6		.4	1.2											15	15	9	
54/ 51	.4		.1	.1	.4	.9	.3	.1										17	17	20	5
52/ 49				.1	.7	1.6	.1											15	18	19	9
50/ 47			.1	.4	1.1	.4	.1											19	19	30	4
48/ 45		.3	.1	.1	1.2	.4												15	15	15	8
46/ 43			.1	1.3	.4	1.5												28	28	32	5
44/ 41		.1	.1	.7	.4	.3												16	16	31	12
42/ 39		.7	.4	.9	.1													18	18	28	7
40/ 37	.4	1.3	1.3	2.1	.1	.1												45	45	40	15
38/ 35		1.3	2.1	1.6	.3													36	36	24	14
36/ 33		1.2	1.6	1.3														28	28	40	32
34/ 31	.3	3.2	1.9	1.6	.1													48	48	50	47
32/ 29	.1	2.4	2.7	.9														41	41	46	58
30/ 27	.4	1.6	1.2	.3														24	24	36	58
28/ 25	.1	2.2	2.5	.4														36	36	46	40
26/ 23		.9	2.1															20	27	26	26
24/ 21		.3	2.9															21	21	25	51
22/ 19		1.3	3.7															32	32	28	36
20/ 17		1.9	1.9															25	25	22	34
18/ 15		1.5	1.9															23	23	30	25
16/ 13		1.2	1.3															15	15	25	22
14/ 11	.3	.4																5	5	16	22
12/ 9			.4															3	3	10	21

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23947	KANSAS CITY INTL AP	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
87 / 83		.3																2	2	2	33
82 / 78		.3																2	2	3	21
77 / 73		.3																2	2	4	19
72 / 68		.4																4	4	4	13
67 / 63																					8
62 / 58																					14
57 / 53																					4
52 / 48																					2
47 / 43																					2
42 / 38																					1
TOTAL	1.1	23.3	3.1	14.6	7.9	6.8	4.6	2.9	1.9	2.5	1.2	.6						678	678	678	678

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2457919	39035	57.6	17.634	678		37.5	3.1	.6			64
Dry Bulb	1090343	25125	36.9	15.690	678		46.5					64
Wet Bulb	768753	21247	31.3	12.268	678							64
Dew Point	431972	14838	21.9	12.586	678	4.6	69.5					64

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 — STATION
KANSAS CITY INTL AP — STATION NAME
74-81 — YEARS
FEB — MONTH
PAGE 1
1000-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]							.1											1	1		
68 / 67							.1		.1	.1								3	3		
66 / 65						.1			.1		.1							3	3		
64 / 63					.2				.4		.1							6	6		
62 / 61					.2	.3		.1			.1							5	5		
60 / 59			.2			.4	.1	.1		.1								6	6		
58 / 57			.3	.2		.4	.4	.6										14	14	1	
56 / 55				.3	1.0	.1	1.2	.2	.1									21	21	5	
54 / 53			.1	.6		.3	.2	.1										13	13	3	1
52 / 51	.3		.4	.1	.2	.6	.4											19	19	7	5
50 / 49	.1	.1	.4	.1	.1	1.2	.1	.1										16	16	15	6
48 / 47		.3	.1	.6	1.0	.2	.1											20	20	20	3
46 / 45			.1	.2	.2	.7												14	14	16	5
44 / 43		.4	.4	1.5	.3	.1												19	19	22	7
42 / 41		.3	.4	1.1	.2													16	16	23	12
40 / 39		1.2	2.4	1.5	.6													38	38	26	12
38 / 37	.2	1.9	2.1	1.2	.4													40	40	34	6
36 / 35	.3	.7	1.3	1.5														26	26	50	21
34 / 33		2.7	2.7	.7														41	41	39	24
32 / 31	.4	2.8	2.9	.1														43	43	40	34
30 / 29	.1	3.2	2.4	.3	.1													42	42	55	51
28 / 27	.1	2.9	1.5	.3														30	30	38	42
26 / 25	.7	3.5	1.6	.3														42	42	41	49
24 / 23		1.5	1.1	.1														18	18	37	43
22 / 21		1.8	1.9															22	22	23	52
20 / 19	.1	2.8	2.4	.1														37	37	26	42
18 / 17		1.6	.6															15	15	26	24
16 / 15		2.9	.7															25	25	32	32
14 / 13		4.1	.3															29	29	21	27
12 / 11	.1	2.5	.4															21	21	35	14
10 / 9		1.1																7	7	17	17
8 / 7		.9																6	6	10	23
6 / 5		.3																2	2	6	24
4 / 3	.1	.4																4	4	4	31

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL WSO	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
1 / 0		1.2																6	6	7	12
-1 / -2	.1																	1	1	3	5
-3 / -4																					14
-5 / -6																					5
-7 / -8																					6
-9 / -10																					3
-11 / -12																					3
-13 / -14																					1
TOTAL	.1	14.7	26.9	11.4	6.7	3.7	2.7	1.5	.9	.3	.4							678	678	678	678

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2953666	43430	64.1	15.926	678							
Dry Bulb	867537	22169	32.7	14.516	678	.1	43.6	.5				64
Wet Bulb	656599	19427	28.7	12.151	678	.4	51.3					64
Dew Point	498341	14167	20.9	12.861	678	5.2	71.5					84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 — STATION
KANSAS CITY INTL MO — STATION NAME
74-81 — YEARS
FEB — MONTH

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65						.1												1	1		
64/ 63				.4		.3												5	5		
62/ 61				.3	.1		.2											5	5		
60/ 59			.1			.1												2	2		
58/ 57				.1		.1	.1		.1									4	4	3	
56/ 55			.1		.2	.1	.2		.1									10	10	5	
54/ 53				.1	.2	1.8	.4	.1										22	22	3	6
52/ 51				.3	.3	.3	.1											7	7	2	1
50/ 49			.4	.1	.1	.6												9	9	5	1
48/ 47	.3	.7	.7	1.2	.7	.9												31	31	8	7
46/ 45		.4	.3	.4	.3	.4	.1											14	14	21	4
44/ 43		.4	.7	.7	1.3	.4												23	23	22	3
42/ 41		.1	.1	.7	.4	.1												11	11	23	10
40/ 39		1.3	1.3	1.2	.1													27	27	20	11
38/ 37		1.8	2.1	1.3														33	33	24	18
36/ 35	.7	2.2	2.4	.4														39	39	43	12
34/ 33	.1	2.9	2.2	.6														47	47	51	25
32/ 31	.1	3.7	2.4	.5														46	46	47	43
30/ 29	.2	1.9	2.2															34	34	54	49
28/ 27	.2	3.7	1.2															36	36	35	49
26/ 25	.1	2.7	.7	.1														25	25	45	48
24/ 23		3.2	1.5	.1														33	33	23	43
22/ 21		3.4																23	23	34	33
20/ 19		4.7	1.5															42	42	27	54
18/ 17		1.5	.9															16	16	30	26
16/ 15		2.4																16	16	21	31
14/ 13	.1	3.4																24	24	18	37
12/ 11	.6	4.3																33	33	27	15
10/ 9		2.7																18	18	36	16
8/ 7		2.2																15	15	14	26
6/ 5	.1	.9																7	7	11	21
4/ 3		1.1																7	7	10	29
2/ 1		.4																3	3	1	22
0/ -1	.4	.3																5	5	6	13

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

CLIMATIC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23947	KANSAS CITY INTL AP	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-2 / -3		.4																3	3	3	1
-4 / -5	.1																	2	2	4	2
-6 / -7																					5
-8 / -9																					8
-10 / -11																					2
-12 / -13																					2
-14 / -15																					4
-16 / -17																					1
TOTAL	4.1	52.3	21.9	9.7	4.7	5.9	1.5	.1	.7									678	678	678	679

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3357033	46734	68.9	14.122	678							
Dry Bulb	733915	20143	29.7	14.146	678	1.2	49.1					64
Wet Bulb	583935	18043	26.6	12.334	678	1.6	55.5					64
Dew Point	391922	13659	20.1	13.134	678	6.8	72.1					64

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75										•	•							3	3		
74/ 73								•		•								4	4		
72/ 71										•	•	•						5	5		
70/ 69					•		•	•	•		•	•						8	8		
68/ 67				•	•	•	•	•	• 1	• 2	• 1	•						23	23		
66/ 65			•			• 1	• 1	•	•	• 1	• 1							31	31		
64/ 63			•	• 1	• 1	• 1	• 1	•	•	• 1	•							37	37		
62/ 61				• 1	• 2	• 1	• 2	• 1	• 1		•							43	43	5	
60/ 59		• 1	• 1	• 2	•	• 2	• 2	• 3	•	• 1								60	60	2	
58/ 57		• 1	• 1	• 1	•	• 3	• 3	• 2	• 1									67	67	19	2
56/ 55		•	• 1	• 1	• 4	• 2	• 4	• 1	• 1									85	85	36	4
54/ 53		• 1	• 1	• 2	• 3	• 5	• 7	• 1										103	103	57	12
52/ 51	• 1	• 1	•	• 1	•	• 5	• 3	•										100	100	46	22
50/ 49	•	• 1	• 3	• 3	• 4	• 8	• 1	•										105	105	73	30
48/ 47	• 1	• 3	• 4	• 5	• 7	• 5	• 1											133	133	101	34
46/ 45	•	• 3	• 3	• 4	• 7	• 3	•											110	110	115	52
44/ 43	• 1	• 4	•	• 8	• 7	• 3												160	160	174	34
42/ 41	•	• 3	• 6	1.2	•	• 1												151	151	169	79
40/ 39	• 1	1.1	1.3	1.3	•													242	242	182	85
38/ 37	•	1.6	1.3	1.4	• 1	•												255	255	229	118
36/ 35	• 3	1.7	2.1	1.0	• 1													276	276	305	122
34/ 33	• 3	2.2	2.3	• 7														293	293	335	196
32/ 31	•	3.7	2.8	• 8	•													407	407	348	303
30/ 29	• 4	3.1	2.3	• 3	•													331	331	430	365
28/ 27	• 5	2.8	1.3	• 1														254	254	390	406
26/ 25	• 3	3.1	1.3	• 2														266	266	332	367
24/ 23	• 1	2.1	• 9	• 1														167	167	250	293
22/ 21	• 3	2.5	1.2															219	219	239	321
20/ 19	• 1	3.4	1.6	• 3														285	285	195	363
18/ 17	• 1	2.1	1.1															170	170	233	269
16/ 15	• 1	3.0	• 5															195	195	278	232
14/ 13	• 2	3.2	• 3															202	202	285	179
12/ 11	• 4	2.3	• 2															169	169	207	166
10/ 9	• 2	1.6	• 1															106	106	174	226

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — ALL (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
≤ / 7	.1	1.3																83	83	103	230
≤ / 5	.1	.7																39	39	73	146
4 / 3	.2	.3																54	54	62	166
2 / 1	.2	1.2																74	74	57	147
0 / -1	.1	.2																34	34	52	77
-2 / -3	.2	.2																20	20	21	97
-4 / -5	.3	.1																17	17	21	57
-6 / -7	.3																	14	14	17	45
-8 / -9	.2																	11	11	11	72
-10/-11	.1																	4	4	4	37
-12/-13	.1																	2	2	2	11
-14/-15																					15
-16/-17																					15
-18/-19																					18
-20/-21																					3
-22/-23																					1
-24/-25																					1
-26/-27																					1
TOTAL	.3	45.7	23.3	10.1	5.9	3.9	2.7	1.9	.7	.5	.3	.1						5422			5422
																	5422		5422	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	25740035	363593	67.1	15.627	5422							
Dry Bulb	6213564	164471	30.3	15.030	5422	12.6	367.1	5.3	.9			672
Wet Bulb	4796343	145622	26.9	12.779	5422	15.9	445.4					672
Dew Point	3093961	137507	19.8	13.301	5422	35.1	576.2					672

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67				.5														4	4		
66/ 65			.3	.4			.2											9	9		
64/ 63		.1	.2		.4	.1												9	9	1	
62/ 61		.3	.2	.1	.3													10	10	10	
60/ 59		.3	.4	.5	.1	.5	.2	.1										21	21	3	1
58/ 57		.1	.3	.4	.1		.2											9	9	14	9
56/ 55		.4	.2	.1	.3	.3	.4											15	15	9	1
54/ 53		.4	.1	.3	.1	.3	.3											11	11	13	4
52/ 51		.4	.2	.4	1.2	.8												26	26	12	6
50/ 49		.3	1.2	1.1	1.1	1.5												40	41	6	16
48/ 47		2.4	1.7	.9	.3	.7	.3											47	47	19	8
46/ 45		1.3	.2	.1														18	18	47	10
44/ 43	.1	1.9	1.6	1.2	1.3	.3												48	48	44	24
42/ 41	.3	2.3	1.9	.9	.2													42	42	44	28
40/ 39		2.6	1.5	1.2	.7													44	44	37	41
38/ 37		2.0	2.2	1.9	.1													46	46	48	30
36/ 35	.1	2.4	2.6	1.5														50	50	47	24
34/ 33		3.8	3.5	1.3														64	64	58	46
32/ 31	.1	3.8	3.5	1.2														64	64	71	64
30/ 29		3.6	2.4	.5														49	49	57	51
28/ 27		2.7	.4															23	23	56	49
26/ 25	.3	1.6	.2															21	21	50	62
24/ 23		.8	.2															13	13	15	29
22/ 21	.3	1.3	.3															17	17	23	51
20/ 19	.4	.9	.5															14	14	15	52
18/ 17		.7	.1															6	6	16	30
16/ 15		1.2																9	9	3	18
14/ 13		.3																2	2	7	12
12/ 11																				1	13
10/ 9		.4																3	3	3	13
8/ 7		.1																1	1		19
6/ 5		.1																1	1	2	3
4/ 3		.4																3	3	3	
2/ 1		.1																1	1	1	7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL AP	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
0 / -1	.1																1	1	1	1
-2 / -3	.3																2	2	2	1
-4 / -5																				2
-6 / -7																				2
-8 / -11																				3
TOTAL	.4	39.5	33.1	14.4	6.7	4.4	1.7	.1										744		743
																	743		743	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3883875	52640	70.9	14.367	743							
Dry Bulb	1218319	28745	38.6	12.042	744	.4	28.8	.5				93
Wet Bulb	1004836	26373	35.1	10.971	743	.4	46.8					93
Dew Point	755643	21877	29.4	12.258	743	1.1	59.3					9[illegible]

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 | KANSAS CITY INTL AP | 74-81 | MAR
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0300-0500
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86 / 69		.1	.1	.1	.1		.1											5	5		
84 / 68		.*		.3	.1	.1												6	6	1	
82 / 61		.5	.1	.1	.4													9	9	3	*
80 / 59		.*	.*	.1		.1	.*											13	13	7	*
78 / 67		.*	.*	.*	.4													17	17	14	*
76 / 66		.*	.4	.1		.4												13	13	11	10
74 / 63		.*	.4	.3	.*	.*												18	18	13	*
72 / 61		.*	.*	.4	.4													16	16	9	*
70 / 66		.*	.4	.*	.*	.3												24	24	15	12
68 / 67	.1	1.5	1.2	.*	1.1	.3												37	37	19	11
66 / 65		1.7	1.1	.4	.7													29	29	26	14
64 / 63		2.4	1.5	1.6	.4	.4												47	47	45	19
62 / 61	.4	1.6	1.7	.9	.4													38	38	36	31
60 / 59	.3	2.2	1.*	1.1	.1													41	41	44	33
58 / 57	.*	2.*	1.2	.7														31	31	46	36
56 / 55		3.6	2.5	1.1														54	54	42	1-
54 / 53		3.5	3.*	.*														61	61	45	44
52 / 51	.4	5.5	3.5	.4														73	73	54	6*
50 / 49	.1	3.5	2.*	.3														52	52	71	46
48 / 47	.3	4.7	1.6															49	49	62	47
46 / 45		1.9	.*															23	20	57	67
44 / 43		1.5	.5															15	15	26	4*
42 / 41	.1	1.7																14	14	20	42
40 / 39	1.2	.*	.1															16	16	15	54
38 / 37		1.2																9	9	7	3*
36 / 35		1.3																10	10	12	21
34 / 33		1.1																6	8	9	9
32 / 31	.1	.9																8	8	7	13
30 / 29		.7																5	5	11	15
28 / 27																				1	9
26 / 25																					6
24 / 23																					4
22 / 21		.3																2	2	2	7
20 / 19	.1																	1	1	1	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL	74-51	MAY
STATION	STATION NAME	YEARS	MONTH

PAGE 2 0300-0500
HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-2 / -3																					1
-4 / -7	.4																	3	3	3	1
-8 / -9																					2
-10 / -13																					3
TOTAL	3.	49.1	27.4	11.3	5.	2.4	.											744			744
																		744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	42277[illegible]	[illegible]	74.2	13.382	744							
Dry Bulb	1114[illegible]	27350	36.6	12.095	744	.5	35.6					9
Wet Bulb	[illegible]42376	25142	37.3	11.173	744	.5	46.0					9
Dew Point	732[illegible]	21403	28.7	12.327	744	.9	61.3					9

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

13947 STATION | KANSAS CITY INTL AP STATION NAME | 74-81 YEARS | MAY MONTH

PAGE 1 0600-0900 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
100 / 95		.3	.1	.1														4	4		
96 / 93			.1	.3	.3	.1												6	6	2	
92 / 91	.2	.3	.5	.3	.3	.1												12	12	2	
88 / 89		.4	.1		.1													5	5	7	
84 / 87		1.2	.7	.1	.4	.3												17	17	7	
80 / 85	.1	.6	.4	.3	.4													18	18	15	16
76 / 82	.2	.5	.3		.4	.1												14	14	13	
72 / 81	.1	.3	.3	.4	.4													16	16	14	
68 / 77	.4	.4	1.3	.5	.4	.1	.1											26	26	17	23
64 / 67		.9	.9	1.1	.4	.5												31	31	11	
60 / 65		2.3		1.1	.7	.1												25	23	30	12
56 / 63		3.2	.6	.7	.4													36	38	26	13
52 / 61	.6	1.9	2.1	1.3														47	47	71	37
48 / 59	.5	1.6	2.6	.9	.3													46	46	45	23
44 / 57	.4	1.7	1.2	.5														29	29	55	55
40 / 55		3.2	2.3	.9														46	43	33	65
36 / 53		3.6	2.3	.7														53	53	51	34
32 / 51	.5	6.5	4.4	.3														67	67	53	66
28 / 49	.2	4.3	3.1	.3														61	61	41	60
24 / 47	.5	3.1	1.5	.1														39	39	71	44
20 / 45	.4	2.1	.9															24	24	46	53
16 / 43	.4	1.1	.2															13	13	32	43
12 / 41	.1	1.5	.5															20	20	18	49
8 / 39		1.1																13	13	16	51
4 / 37	.4	.9	.3															11	11	15	26
0 / 35		1.2																9	9	7	25
-4 / 33	.1	1.1																9	9	9	14
-8 / 31		.3																4	4	7	16
-12 / 29	.1	.6																8	8	9	12
-16 / 27	.1	.1																2	2	5	5
-20 / 25																					5
-24 / 23																					1
-28 / 21																					
-32 / 19																					

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 OL A, JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 0600-0900
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-4 / -5		.3																2	2	1	1
-4 / -5	.1																	1	1	2	
-6 / -9	.4																	3	3	3	
-10 / -13																					1
-14 / -15																					3
-16 / -17																					2
TOTAL	.5	47.3	.1	.3	.2	1.5	.1											744		744	744
																		744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4350775	56034	75.3	13.227	744							
Dry Bulb	1386691	26967	36.2	12.126	744	.9	39.3					93
Wet Bulb	93.117	24925	33.5	11.313	744	.9	46.9					93
Dew Point	734636	21444	28.8	12.525	744	1.4	61.9					93

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 | KANSAS CITY INTL MO | 74-81 | MAR
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0900-1100
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73							.1	.1										2	2		
72/ 71								.1										1	1		
70/ 69				.1	.1													5	5		
68/ 67					.1	.4	.3		.2									9	9		
66/ 65			.1	.1	.1		.2	.2										12	12		
64/ 63			.4	.4	.3	.3	.1	.3										13	13	2	
62/ 61		.1	.2	.5	.3	.2	.1	.2	.1									24	24	11	
60/ 59		.1	.4	.4	.4	.4	.2	.1	.1									21	21	10	7
58/ 57		.4	.2	.7	.3	.4	.5											23	23	15	9
56/ 55		.4		.4	.2	.7	.3	.1	.1									19	19	14	13
54/ 53	.1	.4	.4	.3	.3	.3	.3											32	32	27	9
52/ 51	.1	1.1	.3	.7	1.2	.5	.7											36	36	26	15
50/ 49	.1	.4	1.1	.4	1.3	.1	.1											28	28	24	20
48/ 47		1.5	.4	.9	1.5	.9												40	40	27	6
46/ 45	.1	1.7	.9	1.7	.9													41	41	42	24
44/ 43		.7	1.6	2.1	1.3	.4												45	45	42	32
42/ 41	.7	1.7	1.6	1.6	.7	.3												49	49	47	32
40/ 39	.1	1.7	2.1	1.3	.7	.1												45	45	58	28
38/ 37		1.5	1.7	1.5	.3													37	37	54	34
36/ 35		1.5	2.2	1.5	.5													40	40	47	37
34/ 33		2.2	2.6	1.3														50	50	47	54
32/ 31	.4	3.6	2.2	1.5														57	57	59	69
30/ 29	.1	1.6	.8	1.1														27	27	59	61
28/ 27		2.1	1.7	.1														29	29	32	44
26/ 25		.5	.9	.1														12	12	35	39
24/ 23	.1	.3	.7															8	8	21	39
22/ 21		.4	.4															6	6	10	49
20/ 19		1.1	.7															13	13	8	26
18/ 17		.3	.1															3	3	6	17
16/ 15		.1	.3															3	3	8	19
14/ 13		.3																4	4	2	17
12/ 11		.3	.1															3	3	5	17
10/ 9		.1																1	1	2	7
8/ 7		.3																2	2	2	7

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DEPARTMENT OF DEFENSE
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 | KANSAS CITY INTL AP | 74-81 | MAR
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible]																				2	3
[illegible]																					3
[illegible]		.1																1	1	1	9
[illegible]	.1																	1	1	1	1
[illegible]	.1																	1	1	1	2
[illegible]																					1
[illegible]																					1
[illegible]																					2
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.3	.7									743	743		743

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3433489	49043	66.0	16.429	743							
Dry Bulb	1437511	31316	42.1	12.595	743	.2	21.4	2.1	.3			93
Wet Bulb	1134711	27704	37.5	11.256	743	.2	32.0					93
Dew Point	819579	22961	30.9	12.516	743	.0	54.2					93

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23547	KANSAS CITY INTL AP	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1200-1400
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
≥ 82 / 81										.1								1	1		
80 / 79								.1	.3		.1							4	4		
78 / 77							.2		.1	.1	.1							4	4		
76 / 75						.1			.1	.1	.1	.1						5	5		
74 / 73					.1	.4	.3	.4	.7									14	14		
72 / 71					.7		.4	.4		.1								9	9		
70 / 69					.2	.3	.1	.4	.3	.4	.1							15	15		
68 / 67			.4	.3	.3	.5	.3	.1	.3	.3	.1							21	21		
66 / 65					.3	.5	.4	.2	.7	.5								25	25	7	
64 / 63			.7	.1	.4	.4	.5	.7	.5	.7								21	21	16	
62 / 61			.1	.1	1.1	.7	1.2	.7	.1	.7								29	29	10	3
60 / 59		.7			.3	.5	1.3	.5	.4									31	31	18	7
58 / 57		.8		.4	.4	.7	.9	.7	.7									34	34	24	8
56 / 55		.4	.5	.3	.7	1.6	.8	.4	.1									37	37	17	17
54 / 53		.4		1.5	.7	.7	.3	.3	.1									30	30	26	15
52 / 51	.1	1.1	.5	1.5	.7	.8	.9											44	44	30	13
50 / 49		.7	.3	1.5	1.1	1.5	.7											42	42	43	17
48 / 47		.7	.9	.8	.7	1.2	.3											33	33	52	27
46 / 45		.7	.8	.9	1.5	.7	.1											35	35	53	29
44 / 43		.7	.8	1.6	.4	.9												33	33	48	23
42 / 41	.4	.1	1.2	.7	1.6	.1												31	31	45	37
40 / 39	.1	1.1	1.3	1.2	1.5	.4												42	42	41	39
38 / 37	.1	.8	2.3	1.1	.9	.1												45	45	57	26
36 / 35		1.3	.9	1.1	.4													28	28	24	53
34 / 33	.1	1.2	1.1	.9	.7	.1												31	31	70	43
32 / 31	.5	1.1	1.6	1.1	.7													34	34	72	61
30 / 29		2.3	1.1	.8														29	29	35	45
28 / 27		.3	.9	.1														14	14	38	50
26 / 25		.4	.4															6	6	26	33
24 / 23			.1	.1														2	2	12	21
22 / 21			.7															5	5	3	47
20 / 19			.3	.1														3	3	2	36
18 / 17		.1																1	1	5	27
16 / 15		.3	.1															3	3	4	27

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL AP	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13		.7																2	2	3	11
12/ 11																				2	11
10/ 9			.1															1	1		1
8/ 7		.1																1	1	1	4
6/ 5		.1																1	1	1	
4/ 3																				1	8
2/ 1																					3
0/ -1																					1
-2/ -3																					1
-4/ -5																					1
-6/ -7																					1
-8/ -9																					1
-10/-11																					1
TOTAL	1.9	15.4	17.9	16.7	15.1	12.3	9.1	5.2	4.4	2.3	.7	.1						744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2672991	42325	56.9	18.989	744							
Dry Bulb	1650406	35704	48.0	13.579	744		12.8	8.9	3.5	.4		93
Wet Bulb	1338759	30497	41.0	10.924	744		20.9					93
Dew Point	975362	23753	31.9	12.533	744	.6	49.4					93

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL AP	74-81	MAY
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 81										.4	.1							4	4		
80/ 79								.1			.3							3	3		
78/ 77							.4		.1				.1					5	5		
76/ 75						.3	.3	.1	.3	.3			.1					13	13		
74/ 73						.3	.4		.7	.3		.1						17	17		
72/ 71						.1	.1	.3	.4	.5	.3	.1						14	14		
70/ 69					.1	.5	.4	.4	.4	.1	.7							20	20		
68/ 67			.4	.1		.4	.4	.3	.1	.3	.3							19	19	1	
66/ 65				.4	.3	.5	.4	.3	.7	.9	.1							31	31	6	
64/ 63		.1		.3	.3		1.2	.5	.3	.4	.1							29	29	12	1
62/ 61		.3		.3	.3	.3	1.2	.5	.5	.1								32	32	13	3
60/ 59		.4	.3	.1	.4	.4	.3	1.1	.7	.3								33	33	22	9
58/ 57		.1	.3		.7	.3	.5	.5	.3									26	26	19	13
56/ 55	.4	.4	.4	.3	1.3	.7	1.2	.3	.1									40	40	31	12
54/ 53		.1	.3	.9		1.2	2.3	.4										37	37	21	11
52/ 51		.5	.9	1.7	.9	.3	1.2											45	45	37	16
50/ 49		.3	.7	.5	.3	1.5	.7											35	35	50	19
48/ 47		.5	.3	.1	1.1	1.2	.3											26	26	50	15
46/ 45		.9	.3	1.2	.7	.7	.4											31	31	46	24
44/ 43		.3	.9	.8	1.1	1.1	.3											33	33	45	19
42/ 41	.4	1.5	1.3	.9	1.9	.8												51	51	55	55
40/ 39		.5	1.7	.9	.3	.5												32	32	55	37
38/ 37	.1	1.3	.9	1.1	.7													31	31	36	24
36/ 35	.1	.9	1.2	.9	.7													29	29	48	39
34/ 33	.1	.9	.5	.4	.3													17	17	49	42
32/ 31		2.1	.9	1.9														36	36	34	56
30/ 29		1.5	1.2	.5														24	24	32	55
28/ 27		.9	.4	.7														15	15	25	46
26/ 25			.1															1	1	31	57
24/ 23			.4	.1														4	4	2	28
22/ 21			.3															2	2	6	39
20/ 19			.4															3	3	3	37
18/ 17																				2	16
16/ 15		.3																2	2	3	17

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

SECOND OCEANOLOGY STATION
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23947	KANSAS CITY INTL NO	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
14/ 13		.1																1	1	2	13
12/ 11			.4															3	3	1	15
10/ 9																					7
8/ 7																				3	1
6/ 5																					2
4/ 3																					4
2/ 1																					6
-4/ -5																					3
TOTAL	1.2	14.7	14.5	14.7	11.7	12.6	12.5	5.6	6.2	3.6	1.9	.7	.3					744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2481726	40306	54.2	20.632	744							
Dry Bulb	730574	37189	50.0	13.613	744		11.4	11.9	5.3	.6		93
Wet Bulb	1453[illegible]	[illegible]1307	42.1	10.772	744		18.0	.1				93
Dew Point	884727	23947	32.2	12.324	744	.4	50.8					93

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03-47	KANSAS CITY INTL [illegible]	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] 79										.1								1	1		
76/ 75								.2										2	2		
74/ 73						.2			.4			.1						6	6		
72/ 71					.2	.4	.1	.3										10	10		
70/ 69				.1	.2	.2	.1	.4	.2		.1							15	15		
68/ 67			.1	.3		.2	.1	.3	.1		.1							12	12		
66/ 65		.3		.4	.4	.1	.2	.3	.1	.5								20	20	2	
64/ 63		.1		.3	.1	.4	.3	.7	.5	.1								19	19	11	
62/ 61		.3	.3	.3	.3	.3	.7	.3	.4									20	20	12	3
60/ 59			.7	.4	.4	.4	.2	1.3	.1	.1								33	33	13	9
58/ 57		.2	.1	.1	.2	.4	.3	.1	.1									19	19	13	9
56/ 55	.2		.3	.3	.2	.1	.2	.2	.1									26	26	16	11
54/ 53		.3	.7	1.1	.2	1.5	.5	.4										39	39	16	13
52/ 51		.7	.5	.2	.4	1.2	.3											30	30	21	19
50/ 49		.7	2.2	1.1	.2	.8	.2											48	48	34	16
48/ 47		.4	1.3	.3	2.1	1.2	.1											44	44	51	14
46/ 45		.2	1.2	1.5	1.5	.4												40	40	46	23
44/ 43		.7	2.3	1.1	1.2	1.2												48	48	46	29
42/ 41	.1	1.1	1.7	.9	.4	.3												36	38	53	26
40/ 39	.3	1.1	2.4	1.5	1.1	.5												51	51	55	36
38/ 37	.4	1.1	.7	1.9	.3													34	34	64	37
36/ 35		1.6	2.8	1.1	.7													46	46	41	40
34/ 33		.8	1.7	.3	.2													23	23	55	41
32/ 31		2.1	.1	1.3														26	26	39	7[illegible]
30/ 29	.3	2.0	1.3	.7														31	31	48	42
28/ 27	.1	2.3	1.2	.1														28	28	24	49
26/ 25		.3	1.2	.1														12	12	33	60
24/ 23		.5	.5															8	8	17	43
22/ 21			.4															3	3	13	27
20/ 19			.3															2	2	2	41
18/ 17			.1															1	1	3	17
16/ 15																				2	23
14/ 13			.3															2	2	1	23
12/ 11			.1															1	1		17

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 1800-2000
HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
15/ 9		.4																3	3	2	2
7/ 7																				4	
6/ 5		.1																1	1		2
4/ 3		.1																1	1	2	4
2/ -1																					1
-2/ -3																					2
-4/ -5																					5
-6/ -7																					1
TOTAL	1.3	13.2	24.3	15.6	17.4	12.6	6.5	5.2	2.3	.9	.3	.1						743	743	743	743

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2919352	44606	60.0	18.038	743							
Dry Bulb	1674209	33953	45.7	12.957	743		14.9	5.8	1.1			93
Wet Bulb	1249159	29420	39.6	10.655	743		23.8					93
Dew Point	839772	23284	31.3	12.181	743	1.1	53.2					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 69				.3			.7											4	4		
68/ 67			.1	.4	.7	.7	.3	.1										14	14		
66/ 65		.7	.3	.4	.4	.1	.4											14	14		
64/ 63			.5	.4		.4	.3	.1	.1									14	14	0	
62/ 61		.1	.1	.1	.4	.1	.3	.3	.1									12	12	6	3
60/ 59		.4		.1	.1	.1	.3	.4										11	11	12	5
58/ 57		.3	.4	.4	.3	.3	1.2	.3										25	25	14	7
56/ 55		.4	.4	.3	.4	.4	.9	.1										22	22	9	11
54/ 53		.1	.4	.7	1.1	.3		.4										26	26	16	8
52/ 51	.1	.4	.7	.3	.5	1.3	.7											32	32	12	9
50/ 49	.3	.4	.9	.3	1.1	.5	.1											31	31	16	16
48/ 47		1.3	1.9	.3	.3	.9	.3											42	43	32	11
46/ 45		1.3	1.3	1.3	1.2	.1												41	41	44	16
44/ 43		1.2	2.3	1.2	1.1													43	43	58	27
42/ 41	.1	1.3	3.2	1.2	.3	.1												51	51	46	28
40/ 39		1.9	2.2	.8	.3													42	42	49	36
38/ 37		1.3	2.3	1.5	.7													41	41	67	29
36/ 35	.4	2.7	3.6	1.2	.3													53	53	46	42
34/ 33		2.1	4.3	1.3	.1													56	56	53	62
32/ 31	.1	2.6	3.3	.4														45	45	52	64
30/ 29	.7	2.4	1.3	.1														34	34	63	55
28/ 27	.3	1.3	1.5															24	24	44	33
26/ 25		1.1	1.2															17	17	26	61
24/ 23		1.2	1.3	.1														20	20	21	24
22/ 21		1.2	.3															11	11	22	55
20/ 19		.7	.4															8	8	13	40
18/ 17		.1																1	1	7	28
16/ 15																				4	23
14/ 13																					19
12/ 11																					8
10/ 9																					10
8/ 7		.1																1	1		2
6/ 5		.4																3	3	3	2
4/ 3	.1	.4																4	4	5	3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb Dew Point
≥ 1 / ≤ -1		.1																1	1	1 1
-2 / -5																				4
-6 / -7																				3
-8 / -11																				1
TOTAL	2.3	27.6	32.7	14.4	13.[illegible]	5.7	[illegible]	1.[illegible]	.[illegible]									743	744	743
																		743	743	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3486974	49492	66.6	16.313	743							
Dry Bulb	1395219	30935	41.6	12.156	744		21.1	2.3				93
Wet Bulb	1132272	27518	37.0	10.621	743	.1	32.7					93
Dew Point	793674	22523	30.5	11.973	743	1.1	54.4					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 — STATION
KANSAS CITY INTL AP — STATION NAME
74-81 — YEARS
MAR — MONTH
PAGE 1
ALL — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 81										.1	.0							5	5		
[illegible] / 79								.	.	.0	.1							8	8		
78 / 77							.1		.	.0	.0		.0					9	9		
76 / 75						.1	.	.1	.1	.1	.0	.0	.0					20	20		
74 / 73					.	.	.1	.1	.	.0		.						39	39		
72 / 71					.1	.1	.1	.1	.1	.1	.0	.0						34	34		
70 / 69				.1	.	.	.1	.	.1	.1	.1							57	57		
68 / 67			.1	.	.	.	.1	.1	.1	.1	.1							79	79	1	
66 / 65		.1	.2	.	.	.2	.	.	.	.	.0							122	122	17	
64 / 63		.1	.2	.	.	.2	.	.2	.	.1	.0							117	117	45	1
62 / 61	.	.	.	.	.	.	.	.	.	.1								148	148	67	17
60 / 59		.5	.	.	.	.	.	.	.	.1								168	168	97	54
58 / 57		.5	.	.	.	.	.	.	.									170	170	120	97
56 / 55	.1	.5	.4	.	.	.	.	.	.									190	190	124	112
54 / 53	.	.4	.	.	.	.	.	.	.									207	207	151	7
52 / 51	.1	.7	.6	.8	.	.7	.											245	245	165	79
50 / 49	.1	.6	1.0	.8	.9	.8	.											274	275	207	135
48 / 47	.	1.2	1.1	.	1.	.9	.											308	311	261	94
46 / 45	.	1.4	.	1.	.	.3	.1											263	263	334	147
44 / 43	.	1.4	1.5	1.3	.	.5	.											335	335	351	1
42 / 41	.4	1.4	1.9	1.1	.	.2												347	347	357	273
40 / 39	.	1.6	2.	1.1	.	.2												343	343	394	263
38 / 37	.	1.5	1.6	1.3	.4	.0												294	294	431	291
36 / 35	.1	2.2	2.1	1.2	.													348	348	328	275
34 / 33	.	2.3	2.5	.	.	.												355	355	431	371
32 / 31	.	3.4	2.4	1.	.													422	422	404	514
30 / 29	.	2.6	1.7	.5														307	307	446	416
28 / 27	.	2.	1.2	.2														221	221	352	36
26 / 25	.1	1.	.	.0														113	113	306	432
24 / 23	.1	.7	.6	.1														83	83	146	267
22 / 21	.1	.	.															78	78	115	355
20 / 19	.2	.7	.	.														72	72	69	337
18 / 17	.1	.4	.1															32	32	63	30
16 / 15		.6	.1															36	36	46	16

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DEPARTMENT OF THE AIR FORCE
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
13947	KANSAS CITY INTL AP	74-81	MAR

PAGE 2 — HOURS (L. S. T.): ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13	.1	.4	.3															26	28	33	123
12/ 11	.1	.2	.1															19	19	23	117
10/ 9	.1	.3	.1															21	21	27	71
8/ 7	.1	.1																7	7	16	46
6/ 5		.1																6	6	8	24
4/ 3	.1	.1																5	3	11	33
2/ 1		.1																5	5	4	31
0/ -1	.1																	3	3	4	4
-2/ -3	.1	.2																4	4	3	5
-4/ -5	.1																	2	2	3	17
-6/ -7	.1																	3	3	3	8
-8/ -9	.1																	3	3	3	4
-10/-11																					2
-12/-13																					1
-14/-15																					1
-16/-17																					2
TOTAL	2.7	3.1	2.1	1.6	1.1	.3	.0	.4	.1	.0								5950			5948
																		5948		5946	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	27436861	389487	65.5	18.025	5946							
Dry Bulb	11777135	252148	42.4	13.546	5950	1.0	184.2	31.4	10.1	1.3		744
Wet Bulb	9105013	222733	37.	7.343	5948	2.	261.1	.1				744
Dew Point	6435742	181266	30.5	12.361	5948	7.5	444.3					744

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
13947	KANSAS CITY INTL MO	74-81	APR

PAGE 1 0300-0600 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76 / 75					•1													1	1		
74 / 73				•3														2	2		
72 / 71				•3	•3													4	4		
70 / 69			•4	•7	•5	•1		•3	•3									17	17		
68 / 67			1.1	•9	1.3	•6	•1	•4	•1									35	35	5	
66 / 65			1.5	•3	•3	1.2	•1	•1										36	36	4	6
64 / 63		•3	1.4	•4	•4	•7	•4	•1										37	37	12	7
62 / 61		1.3	•7	•8	•6	•1		•1										29	29	20	16
60 / 59		2.3	•3	1.1	•3	•3		•4										41	41	29	24
58 / 57	•1	1.7	1.3	•3	•4	2.4	•3											50	50	35	36
56 / 55	•3	1.4	2.1	•4	1.3	1.5	•3											57	57	37	32
54 / 53	•3	1.1	1.3	1.9	2.2	1.5												61	61	51	46
52 / 51		1.3	1.3	1.3	1.4	•3												43	43	25	24
50 / 49		1.5	1.7	1.5	1.3	•4												46	46	38	38
48 / 47		1.4	1.1	•4	•3													25	25	19	32
46 / 45		2.9	1.4	2.4	•7													50	50	65	29
44 / 43		2.4	2.2	1.5	•7													50	50	59	38
42 / 41		1.1	1.5	1.4	•1													36	36	42	52
40 / 39		2.1	1.9	1.1	•	•1												40	40	47	63
38 / 37		•8	1.3	•7	•1													21	21	42	42
36 / 35		1.5	1.9	•6														29	29	31	58
34 / 33	•1	1.5	•7															17	17	21	39
32 / 31		•7	•1															6	6	28	64
30 / 29		•1		•1														2	2	12	34
28 / 27		•1		•3														3	3	1	25
26 / 25																				1	17
24 / 23																				3	12
22 / 21																					2
20 / 19		•1																1	1		4
18 / 17		•1																1	1	2	2
16 / 15		•1																1	1	1	1
14 / 11																					3
12 / 9																					2
8 / 7																					1

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	APR
STATION	STATION NAME	YEARS	MONTH

 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
TOTAL	•	26.1	[illegible]	13.7	1[illegible]	1.6	1.5	2.4	.4								720	721	720

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3693222	50330	69.9	15.632	720							
Dry Bulb	1986302	37133	51.4	10.248	720		1.8	6.8	.4			9
Wet Bulb	1625130	33536	46.6	9.368	720		6.0	.6				9
Dew Point	1312035	29935	41.3	10.810	720		21.5					9

USAFETAC FORM 0-26-3 OL A, JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO	74-81	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
72 / 71				.4														3	3		
70 / 69			.6	.1	.1				.1									7	7		
68 / 67			.7	.3	.3	.1	.1	.1										14	14	3	
66 / 65		.6	1.7	.8	.5	.1	.7	.4										34	34	4	3
64 / 63		1.3	.6	.6	.2	.1	.4											26	26	17	4
62 / 61		1.7	.6	.6	.3	.4		.3										33	33	19	14
60 / 59		1.9	.3	.4	1.1	.1	.1											28	28	29	26
58 / 57	.6	1.3	1.3	.6	.3		.3											33	33	38	44
56 / 55	.4	1.5	1.3	.8	.7	1.4	.1											43	43	57	63
54 / 53	.4	1.7	1.4	1.4	2.4	.6												56	56	42	38
52 / 51		1.9	1.9	1.1	1.3	.6												53	53	35	13
50 / 49		1.9	2.2	3.5	.3	.6												58	58	36	34
48 / 47		2.4	2.1	1.8	.6													52	52	48	47
46 / 45		3.3	1.5	1.3	.6													52	52	76	27
44 / 43		1.3	1.9	1.1	.1													31	31	74	45
42 / 41		1.4	2.1	1.9	.1													37	37	46	46
40 / 39	.3	2.5	1.9	.8														40	40	37	62
38 / 37		1.5	1.1	.7														24	24	46	48
36 / 35	.1	2.1	2.8	.1														37	37	32	56
34 / 33		2.1	2.6	.4														37	37	35	48
32 / 31		.7	.5															11	11	43	51
30 / 29		.3																2	2	20	43
28 / 27		.3		.4														5	5	5	27
26 / 25		.1																1	1	3	26
24 / 23																				1	17
22 / 21																				2	6
20 / 19																					2
18 / 15		.1																1	1		
14 / 13		.3																2	2	2	
12 / 11																				1	
10 / 9																					4
8 / 7																					2
TOTAL	1.3	32.9	28.6	19.6	11.3	4.0	1.5	.8	.1									720		720	720

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4040171	52927	73.5	14.422	720							
Dry Bulb	1821746	35466	49.3	10.196	720		2.6	1.0				
Wet Bulb	1537671	32555	45.2	9.558	720		9.3	.4				
Dew Point	1274827	29265	40.7	10.780	720		21.6					

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL MO	74-81	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71			.3	.1														3	3		
70/ 69			.3	.4	.1		.1	.3										9	9		
68/ 67			1.1	.5	.3		.1											19	15	3	
66/ 65		.4	1.1	1.3	.4	.3	.4	.1										29	29	3	3
64/ 63		1.3	.4	2.1	.6	.5	.3											37	37	21	7
62/ 61		1.9	.6	1.1	.6	.4												36	36	19	17
60/ 59		1.3	.7	.8	.5	.6	.1											36	36	34	17
58/ 57	.6	1.4	.4	.7	.4	.4	.3											30	30	36	32
56/ 55	.3	1.5	1.5	1.4	1.3	.7												48	48	34	31
54/ 53	.1	1.3	1.7	1.1	.7	.8												39	39	38	23
52/ 51		1.5	3.1	2.1	1.1	.6												60	60	42	27
50/ 49		1.7	3.2	3.3	1.3	.3												70	70	32	25
48/ 47		1.7	1.9	.6		.1												31	31	60	50
46/ 45		3.2	1.3	2.5	.4													51	51	63	42
44/ 43		1.7	3.3	1.4	.2													50	50	74	43
42/ 41	.1	1.5	1.3	1.5														36	36	32	66
40/ 39	.3	1.9	2.5	.3														36	36	62	44
38/ 37	.1	1.3	1.1	.3														18	18	42	55
36/ 35		1.5	3.2	.1														28	28	28	46
34/ 33	.3	1.9	2.1	.3														33	33	25	45
32/ 31		1.3	1.0															14	14	35	49
30/ 29		.3																2	2	20	32
28/ 27			.1	.1														2	2	6	27
26/ 25		.4	.1															4	4	2	20
24/ 23																				3	13
22/ 21																				1	10
20/ 19																					1
18/ 17																					1
16/ 15		.1																1	1	1	
14/ 11		.3																	2	2	3
10/ 9																					1
8/ 7																					1
6/ 5																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
KANSAS CITY INTL AP — STATION NAME
74-81 — YEARS
APR — MONTH
PAGE 2 — 0600-1800 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	1.	[illegible]	[illegible]	22.4	[illegible].1	[illegible].1	1.4	.4										720	[illegible]	[illegible]	72[illegible]

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4055361	53135	73.8	13.655	720							
Dry Bulb	1865751	35855	49.8	10.229	720		3.1	3.4				[illegible]
Wet Bulb	1574903	32947	45.8	9.607	720		8.9	.4				[illegible]
Dew Point	1314216	29779	41.4	10.767	720		19.9					[illegible]

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 — STATION
KANSAS CITY INTL AP — STATION NAME
74-81 — YEARS
APR — MONTH

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
84/ 83											.1	.1							2	2		
82/ 79						.3													2	2		
78/ 77						.1	.1	.1	.1	.3									6	6		
76/ 75				.4	.4	1.0	.1	.3	.4	.1									21	21		
74/ 73				.7		.4	.1	.6	.3										15	15		
72/ 71			.7	.4	1.7	.4	.7	1.1	.3	.3									40	40		
70/ 69			.7	.6	.7	.6	1.3	.3	.3										29	29	7	
68/ 67		.3	.7	.8	1.3	1.3	1.4	1.3	.4	.1									50	50	15	3
66/ 65		.6	.5	.4	1.1	.7	1.4	.3	.1	.1									38	38	21	12
64/ 63		.5	.4	.6	.4	.4	.6	.3	.4										28	28	32	16
62/ 61		.4	.7	.3	.5	1.4	1.5	1.1											49	49	31	16
60/ 59		1.9	1.0	.4	1.3	.7	2.2	.7											59	59	36	23
58/ 57		1.1	1.3	.6	1.1	1.7	1.3	.3											48	48	59	40
56/ 55	.3	1.3	.7	1.1	.3	1.3	1.3												44	44	56	23
54/ 53		1.5	.7	1.1	1.3	.8	.7												44	44	45	32
52/ 51	.3	.1	.3	1.9	1.4	1.1													41	41	45	35
50/ 49		.6	1.3	1.7	1.8	.6													42	42	51	33
48/ 47		1.5	1.3	1.1	1.7	.1	.1												40	40	60	42
46/ 45		1.3	1.1	1.1	.5	.1													28	28	65	42
44/ 43		1.3	1.4	1.1	.6	.1													32	32	51	47
42/ 41		1.0	.8	.1	.1														15	15	51	45
40/ 39		.3	.4	.3															7	7	32	56
38/ 37		.1	.5	.7	.1														13	13	20	38
36/ 35		.4	1.1		.1														12	12	10	42
34/ 33		.7	.3																7	7	14	52
32/ 31				.1															1	1	15	42
30/ 29				.1															1	1	2	30
28/ 27		.1																	1	1		22
26/ 25		.1																	1	1	2	9
24/ 23		.4																	3	3	4	7
22/ 21																					1	5
20/ 19		.1																	1	1		4
18/ 17																					1	1
16/ 15																						3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 STATION | KANSAS CITY INTL AP STATION NAME | 74-81 YEARS | APR MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
14/ 15																					2
12/ 11																					1
TOTAL	.4	15.4	16.1	15.7	15.9	12.5	12.2	6.8	2.4	1.8	.1	.1						720	[illegible]	720	720

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3019577	44879	62.3	17.580	720							
Dry Bulb	2436532	41096	57.1	10.864	720		1.0	20.6	5.8	.5		90
Wet Bulb	1670373	36075	50.1	9.343	720		3.1	2.8				90
Dew Point	1435372	31152	43.3	11.819	720		15.4	.4				90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
03947	KANSAS CITY INTL AP	74-81	APR

PAGE 1 — HOURS (L. S. T.) 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
92 / 89															.1			1	1		
88 / 87													.1	.3	.1			4	4		
86 / 85											.7	.1	.1					4	4		
84 / 83								.6	.7	.1		.1						8	8		
82 / 81						.3	.3	.1		.1	.4	.1	.1					13	13		
80 / 79					.1	.3	.7		.6	.3	.1	.1	.1					20	20		
78 / 77					1.0	.1	.7	.7	.5	.4	.3	.4						30	30		
76 / 75				.4		1.1	.9	.6	1.2	.3	.4							33	33		
74 / 73			.1	.4	.1	1.3	.7	.6	1.1	.7	.1							37	37		
72 / 71				1.3	1.1	.6	1.1	.6	1.3	.4								46	46	10	
70 / 69				.6	1.1	.4	.3	.5	1.1	.7	.4							37	37	21	
68 / 67			.3	.4	.1	.7	1.3	1.1	.7	.6								38	38	16	11
66 / 65		.1	.4	1.7	.3	.6	.3	1.4	1.3	1.0								53	53	31	15
64 / 63		.7	.6	.4	.7	.7	1.3	1.9	1.3									59	59	36	9
62 / 61		.7	.1	.4	.3	1.1	2.1	1.5	.3	.1								50	50	54	25
60 / 59		1.1	.7	.1	.3	.7	1.3	.7	.1									39	39	46	34
58 / 57		.7	.3	.1	.1	1.7	.6	.8										39	39	41	31
56 / 55	.3	1.5	.4		1.1	1.7	.6											36	36	62	25
54 / 53	.1	.6	.1	.4	.4	1.1	.1		.1									22	22	46	44
52 / 51		.3	.6	.3	.7	.7	.8	.1										25	25	54	29
50 / 49			1.3	1.1	.3	.6		.1										23	23	66	32
48 / 47		.1	1.5	.8	.7	.3												25	25	57	25
46 / 45		1.1	1.1	1.4														25	25	37	36
44 / 43		.1	1.3	.6	.1													15	15	47	38
42 / 41		.4	.3	.7														10	10	27	50
40 / 39		.7	1.1	.4	.3													17	17	30	51
38 / 37		.1	.3	.1	.1													5	5	12	54
36 / 35																				13	44
34 / 33																				4	45
32 / 31			.1															1	1	3	53
30 / 29			.1															1	1	1	26
28 / 27		.1																1	1	2	16
26 / 25		.3																2	2	1	9
24 / 23		.1																1	1	3	5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 — STATION
KANSAS CITY INTL MO — STATION NAME
74-81 — YEARS
APR — MONTH
PAGE 2
1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
22/ 21																					2
20/ 19																					5
18/ 17																					2
16/ 15																					1
14/ 13																					1
12/ 11																					1
10/ 9																					1
TOTAL	.4	5.8	11.0	11.1	13.7	13.9	14.5	12.2	9.2	4.7	2.1	1.0	.6	.3	.3			720			720
																	720		720		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2359302	38826	53.9	19.222	720							
Dry Bulb	2901923	44941	62.4	11.603	720		.9	33.9	18.8	5.3		9
Wet Bulb	2066464	38063	52.8	9.158	720		1.3	5.9				9
Dew Point	1475152	31549	43.8	11.358	720		15.3	1.4				9

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 85															.3			2	2		
86/ 83													.3		.4			5	5		
84/ 81								.3	.4		.4		.1	.1				10	10		
82/ 79							.1	.4	.3	.1		.4	.1	.1				12	12		
80/ 77						.3	.6	.4	.3	.3		.3	.1					16	16		
78/ 75					.1				1.1		.3	.4	.1					23	23		
76/ 73				.3	.1	.6	.7	.3	.1	.7	.1	.7						28	28		
74/ 71				.4	.6	.6	.3	1.1	.7	1.4	.7	.1						35	35		
72/ 69				.4	.4	1.2	.5		.5	.3	.5							42	42		
70/ 67				.4	.4	.7	.3	1.1	.7	1.0	.5							42	42	13	
68/ 65				.3	.3	.6	.5	1.7	1.1	1.1	.1							47	47	23	1
66/ 63			.4	.3	.3	.7	.4	1.5	.4	1.1								37	37	13	5
64/ 61		.3	.5	.7	.1	.4	1.	2.	2.1	.7								60	60	33	15
62/ 59		.3	.3	.1	.4	.3	1.5	2.2	2.4	.1								59	59	44	13
60/ 57		1.1	1.3	.3	.6	.1	1.5	1.6										48	48	42	25
58/ 55	.1	.6	.6	.5	.1	.3	1.1	.5										31	31	43	38
56/ 53		.4	.7	.3		1.7	.7	.6										21	31	56	34
54/ 51	.3	1.1	.3	.3	.7	.7	1.3	.1	.1									33	33	51	24
52/ 49		.8	.1	.7	.6		.6	.6	.3									28	28	59	37
50/ 47			.6	1.3	.3	.6												25	25	60	24
48/ 45		.1	1.1	.3	.3	.1												14	14	60	21
46/ 43		.7	1.1	1.0	.3	.1												26	26	66	26
44/ 41		1.3	.6	1.3	.1													28	28	43	32
42/ 39		.1	.7	.1	.5													13	13	35	46
40/ 37			.4	.3	.1													6	6	23	48
38/ 37		.7																5	5	21	49
36/ 35		.7	.1	.1														7	7	19	59
34/ 33		.1	.1															2	2	11	52
32/ 31			.1															1	1	2	51
30/ 29																				1	63
28/ 27																				1	19
26/ 25		.4																3	3		14
24/ 23																				3	2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	APR
STATION	STATION NAME	YEARS	MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
92/ 91																				5
90/ 89																				5
88/ 87																				2
86/ 85																				1
TOTAL	.4	6.3	9.2	9.3	9.2	10.6	11.3	15.7	17.7	6.9	2.9	1.9	.8	.3	.7			719		719
																	719		719	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2211117	37189	51.7	20.513	719							
Dry Bulb	3013656	45802	63.7	11.561	719		.4	37.4	21.7	6.9		
Wet Bulb	2093701	38275	53.2	8.846	719		.5	5.8				
Dew Point	1456927	31345	43.6	11.223	719		15.1	.8				

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO	74-81	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 1 | 1200-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ 87 / 85														.1				1	1		
84 / 83								.1				.1	.1					3	3		
82 / 81							.1	.3			.1	.1						5	5		
80 / 79					.1	.3	.3	.1			.1	.1						6	6		
78 / 77				.2	.1		.4	.4	.3	.1	.1	.1						13	13		
76 / 75				.3	.4	.3	.4	.3	.1	.3	.4							21	21		
74 / 73				.6	.4	.3	.6	.6	.3	.4								22	22		
72 / 71			.3	.4	1.3	.9	1.3	.1	1.1	.3								43	40	2	
70 / 69				1.3	1.1	.6	.1	1.1	.5	.5	.3							40	43	8	
68 / 67		.1	.7	.6	.7	.6	1.1	1.1	.3	.1								37	37	14	4
66 / 65			.7	1.1	.3	.7	1.1	1.4	.7									47	47	19	5
64 / 63		1.4	.8	.1	.4	1.3	1.7	1.7	1.3									51	51	28	11
62 / 61		1.3	1.1	1.3	.3	.6	1.9	2.1	.1									65	65	44	24
60 / 59	.1	1.4	.1	.7	.6	.8	2.2	1.4										53	53	50	33
58 / 57		.8	.6	.8	.7	1.3	2.1	.7										46	46	36	33
56 / 55		.3	.3	.6	.3	1.3	1.1	.3										37	37	60	38
54 / 53		.4	.6	.4	.3	1.4	.8		.1									33	33	55	26
52 / 51	.1	1.1	.6	1.1	1.4	1.4	.1	.1										43	43	47	21
50 / 49		.3	1.3	1.4	1.1	.5		.3										34	34	48	28
48 / 47		.8	1.3	.3	1.1	.4	.3											28	28	68	30
46 / 45	.1	1.3	.6	.6														22	22	70	39
44 / 43		.3	.4	1.3	.7													17	17	46	45
42 / 41		.7	.6	1.1	.4													20	20	31	47
40 / 39		.4	1.1	.6														14	14	26	41
38 / 37		.3	.4	.3														7	7	21	30
36 / 35		.4	.3															5	5	22	37
34 / 33		.3		.1														3	3	14	31
32 / 31																				3	21
30 / 29																					33
28 / 27																				1	18
26 / 25		.3																2	2		17
24 / 23		.1																1	1	3	5
22 / 21																					3
20 / 19																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO	74-81	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 1800-2300 HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
16/ 17																					1
12/ 11																					1
10/ 9																					2
TOTAL	.4	13.2	11.1	14.3	13.9	12.6	14.3	11.3	4.9	2.5	1.1	.0	.1	.1				720			720
																		720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	2625754	41220	57.3	19.238	720							
Dry Bulb	2626451	42753	59.4	18.667	720		.4	23.8	9.1	1.4		9
Wet Bulb	1726462	36714	51.0	8.553	720		.9	1.0				7
Dew Point	1434476	30774	42.7	11.135	720		18.4	.5				7

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
13947	KANSAS CITY INTL AP	74-81	APR

PAGE 1 — 21 (0-23) HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb Dew Point
78 / 79				.3		.1												4	4	
74 / 77				.4	.2	.3				.1								10	10	
72 / 73			.1	.3	.3	.3	.1	.3	.4									15	15	
70 / 71			.4	1.4	.3	.6	.1	.4	.3	.1								36	36	4
68 / 69			.3	.5	.7	1.2	.2	.1	.4									28	28	4 1
66 / 67			1.1	1.7	.7	.5	.2	.4										34	34	14 4
64 / 65		.6	1.4	.7	.6	.5	.1											25	25	17
62 / 63		1.2	1.4	.4	.3	1.1	1.2	.3										47	47	29 14
60 / 59		1.2	.6	.8	1.3	1.1	.5	.2										52	52	47 34
58 / 57	.1	1.1	.7	1.1	1.1	3.5	1.2											61	61	52 37
56 / 55	.2	1.2	1.1	1.7	1.2	1.0	.3											60	60	31 [illegible]
54 / 53		.6	1.1	1.4	2.4	1.4	.5											33	33	51 41
52 / 51		.7	1.4	.3	1.3	1.5												39	39	35 [illegible]
50 / 49	.1	.8	1.3	1.5	1.1	1.3												43	43	65 57
48 / 47		1.4	.5	1.4	1.2		.1											41	41	63 [illegible]
46 / 45		2.3	.3	1.2	1.1		.1											43	43	67 43
44 / 43		1.1	.2	.2	.6	.1	.1											25	25	61 45
42 / 41		.5	1.5	.3		.4												20	20	40 53
40 / 39		.7	2.5	.2														29	29	37 56
38 / 37		.7	.8	.2														17	17	31 46
36 / 35		.7	.7	.1														11	11	29 55
34 / 33		1.1	.4															10	10	21 39
32 / 31		.1	.2	.3														5	5	15 56
30 / 29			.1															1	1	3 31
28 / 27																				1 [illegible]
26 / 25																				3 16
24 / 23		.1																1	1	[illegible]
22 / 21		.1																1	1	1 4
20 / 19		.1																1	1	2 [illegible]
18 / 17																				[illegible]
16 / 15																				
14 / 13																				
12 / 11																				
10 / 9																				

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3-OL-A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
AIR WEATHER SERVICE / MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
13947	KANSAS CITY INTL MO	74-81	APR

PAGE 1 2100-2300 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	.0	19.3	17.9	17.4	15.4	15.7	4.1	2.4	1.7	.3								720		720	720

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3292892	47152	65.5	16.376	720							
Dry Bulb	2196312	39124	54.3	10.066	720		1.1	11.5	1.4			
Wet Bulb	1742964	34822	48.4	9.038	720		3.1	1.0				
Dew Point	1362706	30342	42.1	10.515	720		18.4	.1				

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL AP	74-81	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — ALL (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ 90 / 88															.1			3	3		
89 / 87													.1	.2	.1			9	9		
86 / 84								.1	.1		.1	.1	.2	.2				15	15		
85 / 83							.1	.1	.1	.2	.2	.1	.2	.2				25	25		
82 / 81						.1	.2	.1	.2	.1	.1	.1	.2					34	34		
81 / 79					.1	.2	.2	.2	.2	.2	.1	.1	.2					53	53		
78 / 77				.1	.2	.1	.2	.2	.1	.2	.1	.2						77	77		
76 / 75				.2	.2	.4	.2	.3	.2	.3	.1	.2						115	115		
74 / 73			.3	.4	.2	.5	.3	.2	.3	.2	.1							128	128		
72 / 71			.2	.3	.4	.4	.4	.4	.2	.3	.1							193	193	25	
70 / 69			.3	.7	.3	.3	.3	.5	.5	.3	.1							221	221	60	1
68 / 67		.1	.4	.5	.7	.6	.6	.7	.3	.2								249	249	73	24
66 / 65		.2	1.0	1.1	.4	.9	.3	.7	.5	.2								335	335	129	61
64 / 63		.8	.7	.6	.5	.6	.3	.7	.7	.2								312	312	219	68
62 / 61		1.4	.9	.7	.4	.7	1.3	1.3	.1	.1								357	357	254	151
60 / 59	.1	1.7	.6	.6	.7	.6	1.1	.6	.2									339	339	324	229
58 / 57	.2	1.1	.8	.6	.4	1.5	.4	.3										340	340	355	267
56 / 55	.3	1.4	.9	.3	1.0	1.3	.5	.1	.1									358	358	352	252
54 / 53	.1	1.1	.8	1.3	1.3	1.0	.3	.1	.1									336	336	397	252
52 / 51	.1	.8	1.3	1.2	1.3	.9	.1	.1										329	329	356	192
50 / 49	.1	.9	1.5	1.3	.9	.5		.1										330	330	396	248
48 / 47		1.4	1.3	.9	.4	.1	.1											268	268	491	249
46 / 45	.1	2.2	1.1	1.6	.4	.3	.3											304	304	486	293
44 / 43		1.1	1.5	1.3	.5	.3	.1											233	233	447	346
42 / 41	.1	.3	1.1	.9	.1	.1												174	174	292	407
40 / 39	.1	1.2	1.4	.5	.1	.2												188	188	292	423
38 / 37	.1	.7	.7	.5	.1													112	112	235	402
36 / 35	.1	.9	1.1	.1														124	124	176	391
34 / 33	.1	.9	.8	.1														108	108	146	366
32 / 31		.3	.3	.1														38	38	140	439
30 / 29		.1	.1	.0														9	9	59	245
28 / 27		.1	.1	.1														12	12	16	167
26 / 25		.2	.1															13	13	12	123
24 / 23		.1																6	6	20	66

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	KANSAS CITY INTL MO	74-81	APR

PAGE 2 — HOURS (L. S. T.) ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible]		.0															1	1	5	38
[illegible]		.1															3	3	2	27
18 / 17		.0															1	1	3	11
18 / 15		.1															3	3	2	8
14 / 13		.0															2	2	2	5
14 / 11		.0															2	2	3	12
11 / 9																				12
9 / 7																				4
6 / 5																				1
TOTAL	.0	19.4	19.1	16.4	12.1	13.5	7.0	6.4	3.7	1.9	.8	.5	.2	.1	.1			5759		5759
																	5759		5759	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	25297496	365658	63.5	19.009	5759							
Dry Bulb	18828673	322775	56.0	11.938	5759		11.3	140.3	57.4	13.9		723
Wet Bulb	14436509	282926	49.1	9.676	5759		33.9	19.8				723
Dew Point	11536191	243439	42.4	11.030	5759		145.3	3.1				728

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	MAY
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
78 / 77				.5														2	2		
76 / 75				.3														4	4		
74 / 73			.2	1.5	.1	.1												17	17	1	
72 / 71			1.1	.3	1.1	.1												23	23	1	
70 / 69		.3	3.2	1.1	.1													38	38	11	1
68 / 67		1.2	3.3	1.7	.4	.7												62	62	23	12
66 / 65	.1	3.4	1.9	.8	.3	.5												54	54	59	29
64 / 63	.1	3.5	1.6	.4	1.1	.7	.2											57	57	69	38
62 / 61		3.5	1.7	1.5	1.3	.7	.3											66	66	49	57
60 / 59	.4	3.6	1.6	.4	.3	.5		.2										92	92	54	37
58 / 57	.4	3.7	1.7	1.6	1.3	.5	.5											68	68	66	55
56 / 55	.7	3.6	2.2	1.9	1.1	.1												71	71	51	41
54 / 53	.5	2.2	2.4	3.9	.3													71	71	57	59
52 / 51		1.3	2.2	1.3	.1													37	37	53	32
50 / 49		1.7	1.5	1.9	.3													42	42	67	53
48 / 47		.5	2.3	1.1	.1													30	30	65	37
46 / 45		.7	.8	.9	.1													19	19	33	46
44 / 43		.7	.5	.3	.4													14	14	38	45
42 / 41		.1	.3	.3														7	7	19	41
40 / 39		.1																1	1	8	44
38 / 37			.3															4	4	9	18
36 / 35																				6	15
34 / 33			.3															2	2	2	13
32 / 31		.1																1	1	1	12
30 / 29																				2	4
28 / 27																					3
26 / 25																					6
TOTAL	2.3	29.6	33.2	22.4	9.9	4.0	1.7	.1											744		744
																		744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4580867	57525	77.3	13.386	744
Dry Bulb	2616765	43723	58.8	7.994	744
Wet Bulb	2279734	40740	54.8	8.1.2	744
Dew Point	2334366	38323	51.4	9.697	744

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		.1	13.3	2.9			93
Wet Bulb		.4	4.5	.1			93
Dew Point		2.9	1.6				93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	MAY
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
76 / 75				.1														1	1		
74 / 73				.3														7	7		
72 / 71		.1	.2	.3	.2													17	17		
70 / 69		.1	1.3	1.5														29	29	5	
68 / 67		.2	1.2	1.1	.1													35	35	17	5
66 / 65		2.3	1.7	.7	.1													36	36	37	21
64 / 63	.3	5.6	1.8	.7	.2		.3											68	68	62	36
62 / 61	.7	5.6	1.3	1.3	.4	.4												73	73	65	76
60 / 59	.4	3.9	1.3	.7	.2	.1												44	44	53	60
58 / 57	.3	3.1	.5	.4	.2			.1										44	44	54	53
56 / 55	.2	3.4	1.6	.8	.2	.2	.1											59	59	42	43
54 / 53	.4	6.6	2.2	2.7	.7	.3												96	96	53	47
52 / 51	.3	2.6	3.9	.3	.2													62	62	64	54
50 / 49	.1	3.1	2.2	.9	.1													48	48	61	47
48 / 47		1.6	2.4	.4	.2													35	35	76	46
46 / 45		1.5	2.4	1.1														40	40	43	34
44 / 43		1.1	1.2															18	18	42	52
42 / 41		.7	.3	.1														8	8	33	44
40 / 39		.4	.5	.1														8	8	18	33
38 / 37		.1	1.2	.1														11	11	5	37
36 / 35			.3															2	2	8	19
34 / 33																				7	10
32 / 31		.1	.1															2	2	2	9
30 / 29		.1																1	1	3	7
28 / 27																					5
26 / 25																					6
TOTAL	4.3	42.1	31.3	15.5	5.2	1.1	.4	.1										744	744	744	744

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5635153	60951	81.4	12.010	744							
Dry Bulb	2415509	41949	56.4	P.228	744		.4	11.1	1.9			93
Wet Bulb	2163371	39641	53.3	8.306	744		.6	2.8				93
Dew Point	1970233	37615	50.6	9.632	744		3.4	.6				93

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 STATION | KANSAS CITY INTL AP STATION NAME | 74-81 YEARS | MAY MONTH

PAGE 1 0600-0900 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
78 / 77				.1	.1													2	2		
76 / 75			.1	.4	.4	.1												8	8		
74 / 73			.3	1.6	.3													16	16		
72 / 71		.4	1.2	1.6	.3													26	26	3	1
70 / 69		.3	2.1	1.1	.3	.3												29	29	13	1
68 / 67		1.7	3.2	1.1	.1	.1												47	47	35	12
66 / 65	.1	3.6	3.2	1.3	.5	.1	.1											60	60	36	4
64 / 63	.3	4.3	1.3	.9	1.2	.1												65	65	68	40
62 / 61	.3	3.9	1.9	1.2	.5	.3												62	62	65	59
60 / 59	.1	3.2	2.3	1.5	.7	.4												59	59	47	63
58 / 57	.5	3.2	2.5	1.5	1.3	.1												66	66	52	45
56 / 55	.7	2.4	.9	1.6	.3													49	49	62	51
54 / 53	.4	3.4	2.9	1.7	.1	.1												64	64	57	45
52 / 51	.4	2.4	3.9	1.3	.5	.1												65	65	54	57
50 / 49		1.9	1.9	.7	.3													35	35	60	45
48 / 47		1.7	.5	.3	.1													26	26	62	40
46 / 45		1.2	.3	.7	.3													23	23	34	57
44 / 43		1.2	1.3	.1														21	21	26	39
42 / 41		.3	.7		.1													12	12	16	43
40 / 39		.1	.3															3	3	23	24
38 / 37		.1	.3	.1														4	4	7	18
36 / 35			.3															2	2	4	16
34 / 33			.1															1	1	3	12
32 / 31																				2	12
30 / 29		.1																1	1	1	3
28 / 27																					5
26 / 25																					3
TOTAL	2.	35.7	31.2	19.8	9.3	1.9	.1												744		744
																		744		744	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4321751	59219	79.6	12.067	744							
Dry Bulb	2586349	43377	58.3	8.314	744		.1	16.0	3.3			93
Wet Bulb	2233152	43756	54.8	8.241	744		.4	6.4				93
Dew Point	2053468	38546	51.8	9.456	744		2.9	1.8				93

FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
KANSAS CITY INTL AP — STATION NAME
74-81 — YEARS
MAY — MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
96 / 95							.1											1	1		
94 / 93						.1	.1											2	2		
92 / 91					.1	1.1	.4	.3										14	14		
90 / 89				.1	1.1	1.3	1.2	.3	.1	.1								32	32		
88 / 87			.2	.5	1.2	1.3	.4	.2			.1							31	31		
86 / 85			.1	1.2	2.	.4	.2	.3		.1								37	37		
84 / 83			.4	2.2	1.2	1.2	.6	.7	.2			.1						53	53	12	
82 / 81		.3	2.	.9	1.4	.9	.9	.3	.1									55	55	25	2
80 / 79		.4	1.5	1.7	1.5	1.2	1.1	.5	.1									62	62	43	12
78 / 77		.7	2.2	1.1	1.7	1.6	.7	.7	.2									70	70	62	36
76 / 75		1.3	1.2	2.2	1.5	1.1	1.2	.7	.3	.1								74	74	55	39
74 / 73		2.2	.5	1.9	1.	.9	.9	.1										59	59	69	66
72 / 71		1.2	.7	1.6	1.6	1.2	.7	.4										55	55	66	59
70 / 69		.3	1.1	1.5	1.5	1.9	.4	.3										55	55	66	55
68 / 67	.2	1.2	.5	1.2	.5	.7	.2											35	35	61	44
66 / 65	.3	1.6	.5	.3	1.5	.8	.3											39	39	62	52
64 / 63	.1	.9	.4	.1	.2	.1	.1											20	20	71	57
62 / 61		.3	.4	.2	.4	.4												17	17	46	51
60 / 59			.1	.3		.5												11	11	36	45
58 / 57		.1	.3	.1	.4													7	7	20	42
56 / 55		.2	.1	.1														6	6	21	27
54 / 53		.4	.2		.1													6	6	14	32
52 / 51			.3															2	2	9	33
50 / 49																				9	26
48 / 47																				2	24
46 / 45																					9
44 / 43																					3
42 / 41																					1
40 / 39																					5
38 / 37																					5
36 / 35																					2
TOTAL	.7	12.9	13.9	19.4	20.5	17.6	10.0	4.7	1.5	.4	.1	.1							743		743
																		743		743	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3423589	49067	66.0	15.715	743							
Dry Bulb	3265734	48862	65.8	8.435	743			44.7	21.3	4.2		93
Wet Bulb	2611429	43667	58.8	7.793	743			17.8	1.5			93
Dew Point	2190535	39672	53.4	9.868	743		2.9	6.4				93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL GEOPHYSICS DIVISION
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL AP	74-81	MAY
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 87							.1	.1	.1	.1								7		7		
92/ 85						.5	.3	.3	.3	.4								26		20		
88/ 83					.1	1.3	1.9	.7	.3	.1								35		35		
84/ 81					.1	1.5	2.2	1.1	.4	.1	.1	.1						45		45		
80/ 79				.3	.7	2.2	1.1	.9	.7	.5	.4	.1	.1					49		49		
76/ 77				.7	1.7	1.7	1.1	1.1	.5	.5			.3					57		57	1	
76/ 75				1.2	1.5	1.3	2.2	1.6	1.2	.7								71		71	11	
74/ 73			.1	1.7	.7	1.5	1.6	.9	.7	.1								55		55	26	2
72/ 71			.7	1.5	1.1	.9	1.2	.5	1.2	.4	.1							59		59	46	7
70/ 69			.5	.4	.4	1.2	1.3	.7	1.1	.4								49		49	57	23
68/ 67		.5	1.5	.3	2.4	.4	1.1	1.2	.5	.1	.1							65		65	57	41
66/ 65		1.2	.1	.7	.7	1.5	1.1	1.1	.1	.3								50		50	46	33
64/ 63		.7	.4	.7	1.5	1.3	.9	.3	.3									46		46	76	64
62/ 61	.7	.5	.3	.7	1.1	.4	.7	.4										32		32	63	53
60/ 59	.1	.4	.9	.4	.4	1.1	.7	.4										32		32	70	42
58/ 57	.1	.7	.4	.1	.3	.4		.3										17		17	45	39
56/ 55		1.7	.3		.4	.1	.3	.1										22		22	69	56
54/ 53		.7	.1	.3	.1	.4	.7											17		17	64	60
52/ 51		.1	.1	.1	.3	.4												8		8	33	53
50/ 49			.1															1		1	24	29
48/ 47		.3	.4															5		5	14	36
46/ 45		.3																2		2	12	39
44/ 43																					12	26
42/ 41																					7	33
40/ 39																						23
38/ 37																						17
36/ 35																						14
34/ 33																						7
32/ 31																						5
30/ 29																						10
28/ 27																						5
26/ 25																						2
TOTAL	.9	7.1	5.5	9.1	14.9	18.3	18.4	12.1	8.9	4.0	1.2	.3	.4					744		744		744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2045462	42502	57.2	16.746	744							
Dry Bulb	3772378	52576	70.7	8.759	744			64.0	42.4	15.8		93
Wet Bulb	2303650	45310	60.9	7.717	744			25.9	4.6			93
Dew Point	2227534	39974	53.7	10.363	744		3.1	0.1	.3			93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL MO	74-81	MAY
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
92 / 91											.1							1	1		
90 / 89								.1		.3								3	3		
88 / 87							.5		.1	.7								13	13		
86 / 85						.5	.5	.8	1.1	.4	.3							27	27		
84 / 83					.1	.1	1.2	1.8	.8		.1	.1						31	31		
82 / 81					.5	.5	2.4	.9	.7	.3	.5	.3		.1				51	51		
80 / 79				.3	.5	2.4	1.7	1.1	1.2	.3	.7	.3	.3					69	69		
78 / 77				.4	1.4	.9	1.1	1.9	.7	.9	.1							56	56		
76 / 75				.3	2.2	.7	.9	1.2	.8	1.3								55	55	11	
74 / 73			.4	.8		.4	1.1	1.1	.7	.9	.1							47	47	20	
72 / 71			.9	1.3	.1	2.2	1.2	2.4	1.3	.8	.3							67	67	45	5
70 / 69		.1	.5	.1	.3	.5	.3	2.2	.3	.4	.1							42	42	78	22
68 / 67		.1	1.1	.3	1.4	.3	1.6	.9	.9	.4	.1							58	58	64	31
66 / 65		2.2	.9	.7	.4	.9	1.2	.8	.5	.1								59	59	53	49
64 / 63		.7	.4	.5	.9	.3	.9	1.2	.1									39	39	67	69
62 / 61	.1	.1	.4	.4	.4	.5	.7	.3										22	22	69	69
60 / 59		1.2	.4	.1	.1	.4	.1	.4	.4									24	24	54	35
58 / 57		.3	.4		.3	.9		.1										18	18	72	43
56 / 55		1.2	.1			.1	.7											16	16	74	59
54 / 53		.9	.1			.1	.1											9	9	42	57
52 / 51		.1	.1		.4	.5												9	9	26	35
50 / 49		.3																2	2	30	38
48 / 47		.5	.1															5	5	10	35
46 / 45		.1	.1															2	2	13	43
44 / 43																				9	46
42 / 41																				5	22
40 / 39																					20
38 / 37																					22
36 / 35																					16
34 / 33																					11
32 / 31																					9
30 / 29																					7
28 / 27																					3
26 / 25																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 | KANSAS CITY INTL MO | 74-81 | MAY
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb Dew Point
TOTAL	.1	[illegible].3	[illegible].6	[illegible].8	[illegible].[illegible]	12.9	17.[illegible]	17.2	9.7	6.7	2.6	.7	.3	.1				744	744	744

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	2502656	41360	55.2	17.846	744							
Dry Bulb	3886835	53359	71.7	8.751	744			67.4	44.0	19.4		93
Wet Bulb	2824430	45562	61.2	7.482	744			27.3	3.9			93
Dew Point	2266034	39776	53.5	10.345	744		3.0	7.3				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 STATION | KANSAS CITY INTL MO STATION NAME | 74-81 YEARS | MAY MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
86 / 85							•		•									4	4		
84 / 83						.4		.3										5	5		
82 / 81					•	.4	.9	.7	.7		.1							20	20		
80 / 79				.1	.9	2.7	1.1	.3	.1	.3	.3		.1					39	39		
78 / 77				.7	1.1	1.9	.7	.3	.4		.1							38	38		
76 / 75				1.1	2.	2.2	.9	.4	.4	.7								61	61		
74 / 73			.4	1.5	1.	1.1	1.1	.	.4	.1	.1							54	54	14	
72 / 71			.9	2.3	1.1	1.1	.9	1.2	.4									59	59	21	1
70 / 69			1.5	.3	1.9	2.9	1.7	1.3	.3	.1								70	70	33	14
68 / 67		.1	2.2	.4	1.3	1.2	1.2	1.1	.3									58	58	67	28
66 / 65		2.2	.4	1.9	.5	.7	1.6	.1	.4									61	61	65	47
64 / 63	.1	1.3	.7	1.8	.4	1.5	1.9	.6	.4	.1								69	69	55	64
62 / 61		1.8	.4	.7	.5	2.3	.9	.9										56	56	63	69
60 / 59		.7	2.2	.8	.3	.8	.8	.4	.1									44	44	65	47
58 / 57		1.2	.9	.4	.9	.9	.3	.1										33	33	67	29
56 / 55	.1	1.2	.3	.5	.5	.3	.3	.1										25	25	69	66
54 / 53		.8	.7		.3	.5	.7											16	16	65	54
52 / 51		.1		.3	.4	.7	.1											9	9	46	45
50 / 49		.5		.3	.1	.4												10	10	26	41
48 / 47		.5																4	4	21	29
46 / 45		.1			.1													2	2	16	48
44 / 43		.3	.1															3	3	11	32
42 / 41				.1														1	1	11	37
40 / 39																				2	23
38 / 37																				1	16
36 / 35																				1	19
34 / 33																					10
32 / 31																					7
30 / 29																					2
28 / 27																					1
26 / 25																					7
24 / 23																					1
TOTAL	.1	13.9	10.1	13.6	16.5	17.6	14.6	8.4	4.3	.9	.7		.1					741	741		741

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3053463	45867	61.9	17.020	741							
Dry Bulb	3424610	50010	67.5	8.173	741			51.2	27.7	5.5		
Wet Bulb	2649258	43959	59.3	7.575	741			19.5	1.8			
Dew Point	2160277	39291	53.0	10.194	741		2.9	5.4				

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	MAY
STATION	STATION NAME	YEARS	MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 79				.1	.[illegible]	.3	.1											6	6		
78 / 77					.[illegible]	.1												5	5		
76 / 75			.[illegible]	1.1	1.[illegible]	.3												25	25		
74 / 73			.4	1.2	.[illegible]	.9	.1	.1										25	25	1	
72 / 71			1.[illegible]	3.2	1.[illegible]	.1												46	43	6	
70 / 69		.1	4.2	1.3	.[illegible]	.7	.4	.1										57	57	23	3
68 / 67		.[illegible]	3.6	.[illegible]	1.[illegible]	1.1	.[illegible]		.1									66	66	41	22
66 / 65	.1	3.1	.[illegible]	1.8	1.[illegible]	.[illegible]	.4		.1									64	64	76	44
64 / 63		2.[illegible]	.[illegible]	3.2	.[illegible]	.[illegible]	.5	.4	.1									66	66	68	69
62 / 61	.3	1.[illegible]	2.[illegible]	1.3	1.[illegible]	.[illegible]	.3		.1									66	66	36	56
60 / 59	.3	1.9	1.6	2.2	1.[illegible]	2.[illegible]	.1	.1										75	75	57	45
58 / 57	.3	1.6	1.3	1.6	1.5	.3	.3											58	58	84	41
56 / 55	.7	2.2	1.[illegible]	1.3	1.1	.3												56	56	62	62
54 / 53		1.5	.5	2.[illegible]	.[illegible]	.1												37	37	63	59
52 / 51		.[illegible]	1.1	.8	.[illegible]													27	27	55	48
50 / 49		.4	.[illegible]	.9	.[illegible]	.3												26	26	50	47
48 / 47		.1	.1	.[illegible]	.4	.1												12	12	41	31
46 / 45		.3	.1	.3	.7													10	10	19	48
44 / 43		.7		.3														7	7	22	33
42 / 41																				13	36
40 / 39																				9	22
38 / 37				.1														1	1	5	21
36 / 35			.[illegible]															2	2		14
34 / 33																				1	13
32 / 31																				2	6
30 / 29																					6
28 / 27																					3
26 / 25																					6
TOTAL	1.6	17.4	23.1	24.8	13.9	7.7	3.2	.9	.5									741	741	741	741

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3997569	53357	72.0	14.496	741							
Dry Bulb	2898271	45983	62.1	7.779	741			29.1	7.7	.3		37
Wet Bulb	2433404	42072	56.8	7.769	741		.3	9.2	.1			93
Dew Point	2109966	38476	52.5	9.732	741		2.6	3.1				52

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	MAY	PAGE 1	ALL
STATION	STATION NAME	YEARS	MONTH		HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ 91											.0							1	1		
90 - 89								.0		.0								3	3		
88 - 87							.1	.1	.0	.1								17	17		
86 - 85						.1	.2	.2	.2	.1	.0							52	52		
84 - 83					.1	.3	.4	.3	.2	.0	.0	.0						73	73		
82 - 81					.1	.4	.	.2	.1	.1	.2	.1		.0				130	130		
80 - 79				.1	.3	1.0	.7	.3	.2	.2	.2	.1	.1					195	195		
78 - 77			.0	.3	.	.5	.4	.4	.2	.2	.1		.0					193	193	1	
76 - 75			.1	.7	1.3	.7	.5	.4	.3	.3								262	262	22	
74 - 73			.3	1.4	.7	.7	.6	.5	.2	.2	.0	.0						274	274	73	4
72 - 71		.1	1.1	1.6	1.	.7	.6	.6	.5	.2	.1							374	374	149	17
70 - 69		.2	2.2	1.3	.9	.8	.6	.6	.3	.1	.0							376	376	293	76
68 - 67		.3	2.6	.9	1.2	.7	.7	.5	.3	.1	.0							461	461	366	167
66 - 65	.1	2.4	1.1	1.3	.8	.7	.7	.3	.2	.1								458	458	431	319
64 - 63	.1	2.6	1.3	1.3	1.	.7	.7	.4	.1	.1								469	469	534	483
62 - 61	.2	2.3	1.2	1.1	1.	.8	.5	.2	.0									434	434	470	456
60 - 59	.1	1.9	1.4	.9	.7	.9	.7	.2	.1									385	385	466	404
58 - 57	.3	1.9	1.1	.9	.8	.5	.3	.1										339	339	511	349
56 - 55	.4	2.2	1.0	.9	.8	.3	.2	.1										339	339	491	432
54 - 53	.3	2.1	1.1	1.3	.4	.2	.2											330	330	477	431
52 - 51	.1	1.1	1.5	.6	.9	.2	.1											234	234	379	375
50 - 49	.1	1.0	.1	.7	.3	.2												175	175	356	361
48 - 47		.7	.8	.4	.2	.0												124	124	303	298
46 - 45		.6	.6	.4	.2													104	104	191	343
44 - 43		.5	.5	.1	.1													69	69	174	315
42 - 41		.3	.3	.1	.1													28	28	115	266
40 - 39		.1	.1	.3														12	12	69	217
38 - 37		.1	.3	.1														20	20	39	172
36 - 35			.1															6	6	19	115
34 - 33			.1															3	3	13	68
32 - 31		.0	.0															3	3	7	71
30 - 29		.1																2	2	6	44
28 - 27																					30
26 - 25																					23

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE / MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	74-81	MAY
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb Dew Po
24/ 23 TOTAL	1.0	.2	.01	.0	15.1	17.4	21.6	.2	9.4	3.1	1.3	.6	.1	.1	.0			5945	5945	5945

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	30060990	409226	68.8	17.837	5945							
Dry Bulb	24e54647	379e19	63.9	9.950	5945		.6	301.7	150.2	45.2		74
Wet Bulb	20348279	341633	57.5	8.361	5945		1.6	113.1	12.3			74
Dew Point	16961826	311678	52.5	9.963	5945		23.5	35.3	.3			74

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL AP	73-[illegible]	JUL
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0000-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 85							.2											1	1		
84/ 83				.1	.1	.1												3	3		
82/ 81			.2	.2	.2	.2	.1											11	11		
80/ 79		.1		1.2	.4	1.1	.4	.1										31	31		
78/ 77		.1	1.1	1.7	.5	.4	.2	.1										34	34	3	
76/ 75		.4	1.2	2.6	1.3	.7	.1											56	56	7	2
74/ 73		.5	2.1	1.7	.9	1.2		.1										52	52	36	7
72/ 71		2.1	2.1	1.2	1.2	.3	.1											60	60	51	33
70/ 69		4.4	2.9	1.9	1.4	.6	.1											76	76	69	52
68/ 67		3.3	2.4	1.3	1.2													68	68	93	71
66/ 65	.2	3.5	2.5	2.4	2.2													80	80	69	63
64/ 63	.2	3.5	1.3	1.8	1.2	.4												63	63	92	50
62/ 61		2.2	1.9	2.5	1.2	.4												61	61	50	56
60/ 59	.2	1.8	2.2	2.5	.4													56	58	66	73
58/ 57		.3	2.4	.7	.4													32	32	50	56
56/ 55		.2	.7	1.1	.1													20	20	43	39
54/ 53		.3	1.1	.1														10	10	41	51
52/ 51		.4	.1															4	4	20	53
50/ 49																				17	49
48/ 47																				1	12
46/ 45																					1
44/ 43																					4
42/ 41																					3
TOTAL	1.1	28.1	29.7	24.7	14.2	5.7	1.3	.4											720		720
																		720		720	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4439871	55511	77.1	11.654	720							
Dry Bulb	3325837	48684	67.6	6.854	720			49.0	23.5	3.5		9
Wet Bulb	2695295	43419	60.1	6.478	720			31.4	6.1			7
Dew Point	2645160	43713	60.7	7.411	720			21.9	1.9			5

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7947 — STATION
KANSAS CITY INTL AP — STATION NAME
73-80 — YEARS
JUL — MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ 96 / 91			.1		.1	.1												3		3		
95 / 90		.1	.1	.4	.4	.1												9		9		
92 / 89		.3	1.1	.6	.7	.4	.1	.1										25		25	3	
90 / 87			1.1	1.3	.9	.3	.3	.1										31		31	2	3
88 / 85		1.5	2.3	2.1	.1	.6												52		52	15	2
86 / 83		2.5	2.9	1.5	.7	.3												57		57	43	23
84 / 81	.4	5.3	2.4	.8	.3	.3												73		73	71	53
82 / 79	.4	3.1	3.1	1.4	1.1	.1												66		66	78	74
80 / 77	1.4	3.8	3.5	2.1	.7	.3												84		84	82	77
78 / 75	.7	3.6	1.3	1.9	.4													62		62	75	57
76 / 73	1.1	4.2	3.1	2.6	.4													74		74	59	56
74 / 71	.7	3.1	1.9	1.3	.7													55		55	65	65
72 / 69	.1	2.1	2.6	1.7														47		47	67	57
70 / 67		1.3	2.3	.4	.1													37		37	48	53
68 / 65		1.1	2.4	.4														28		28	51	46
66 / 63	.1	1.1	.3	.1														16		16	38	55
64 / 61		.1	.4															4		4	24	46
62 / 59																					8	33
60 / 57																					1	12
58 / 55																						3
56 / 53																						1
TOTAL	.1	33.4	32.5	18.6	7.1	2.6	.4	.3											720		720	
																		720		720		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4455876	59349	82.3	10.772	720							
Dry Bulb	3101712	46393	65.3	6.968	720			39.1	15.0	.5		54
Wet Bulb	2734206	44514	61.8	6.621	720			26.5	2.5			29
Dew Point	2594329	42253	58.6	7.287	720			19.4	.6			20

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL MO	73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0600-0800
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
47 / 43				.1	.1													2	2		
42 / 41			.1	.6	.1	.4												9	9		
72 / 70		.1	.4	1.0	.7	.4												25	25		
77 / 77			1.7	1.9	1.1	1.1		.1										41	41	3	1
76 / 75		.4	2.5	1.2	1.0	1.2	.7											48	48	13	2
74 / 73		1.4	1.9	3.1	1.3	.4	.7											60	60	37	13
72 / 71		2.2	2.4	3.1	1.4	1.3	.5											61	61	50	41
70 / 69		2.5	2.9	1.9	1.7	.6	.4											74	74	60	53
67 / 67	1.1	3.3	3.6	.7	2.1	1.0	.1											86	86	85	67
68 / 65	1.1	4.9	1.4	1.7	2.1	.3												82	82	92	72
64 / 63	.3	2.2	2.6	1.7	.9	.1												56	56	55	65
62 / 61	.4	2.6	1.6	2.5	.7	.1												59	59	60	63
60 / 59	.1	2.4	1.3	1.3	.4													39	39	74	51
58 / 57	.1	1.3	1.3	.9	.1													24	24	60	57
56 / 55		.6	1.9															18	18	44	53
54 / 53		.6	.7	.3														11	11	26	53
52 / 51	.1	.3	.1															4	4	20	47
50 / 49			.1															1	1	6	37
48 / 47																				3	13
46 / 45																					6
44 / 43																					4
TOTAL	3.2	24.4	27.1	22.6	14.3	5.5	1.7	.1											720		720
																		720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	4532953	56403	78.4	11.97	720							
Dry Bulb	3359359	48955	68.0	6.509	720			53.3	23.1	2.9		9
Wet Bulb	2937724	45776	63.6	6.127	720			31.0	8.6			9
Dew Point	2697452	43766	60.8	6.952	720			21.8	2.0			9

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL AP	73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
104/ 93									.1			.1						2	2		
92/ 91							.2	.3	.1									5	5		
90/ 89						.1	.3	.3	.7									10	10		
88/ 87						.2	1.3	.3	.4	.1								22	22		
86/ 85					.2	1.2	.2	1.1	.7	.3	.1							36	36		
84/ 83				.2	2.1	.4	1.7	.2	.4		.3							41	41		
82/ 81			.4	2.4	1.2	1.4	1.3	1.3	1.1	.3	.3							73	73		
80/ 79			.1	1.3	1.2	2.6	1.4	1.2	.6	.1	.1							76	76	5	
78/ 77			.4	1.3	2.1	2.6	2.5	1.2	.6	.6								79	79	32	
76/ 75			1.1	2.4	2.1	1.9	1.9	1.3	.7	.4								86	86	56	10
74/ 73		.4	1.9	2.6	1.9	1.3	1.4	1.1	.3									80	80	54	46
72/ 71		.6	2.2	1.4	.7	1.0	.5	.8										54	54	72	44
70/ 69	.1	1.3	1.5	.7	1.2	1.2	.6	.4	.1									58	58	85	52
68/ 67	.7	.6	.2	.6	1.1	1.3	.3	.1										39	39	110	90
66/ 65	.3	.6	.9	.7	.6	.4	.1	.1										26	26	81	74
64/ 63		.2	.3	.4	.4	.3	.1											17	17	61	65
62/ 61		.3		.3		.3												6	6	63	62
60/ 59			.3	.3	.2													8	8	44	59
58/ 57		.1	.1															2	2	27	39
56/ 55																				12	47
54/ 53																				14	43
52/ 51																					33
50/ 49																					28
48/ 47																					19
46/ 45																					14
44/ 43																					7
42/ 41																					3
TOTAL	1.1	4.6	11.4	15.0	15.4	16.2	14.7	11.1	5.1	1.2	.8	.1							720		720
																		720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3076177	45947	63.7	14.763	720							
Dry Bulb	4192642	54734	76.0	6.650	720			82.6	63.8	28.3	.2	
Wet Bulb	3283426	48442	67.3	5.804	720			52.3	18.4			
Dew Point	2823217	44755	62.2	7.975	720			30.3	7.2			

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	73-82	JUL
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1200-1400
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101											.1							1	1		
100/ 99											.1							1	1		
98/ 97										.1								1	1		
96/ 95										.1	.2	.4						10	10		
94/ 93								.1	1.3	.2	.4	.3						21	21		
92/ 91								1.3	.4	1.3	.3	.6						27	27		
90/ 89						.3	.7	1.3	1.2	.6	.6	.1	.1	.1				38	38		
88/ 87					.4	.7	2.4	1.4	1.4	.6	.6	.7	.1					56	56		
86/ 85					.7	2.5	2.2	.8	1.8	1.8	.1	.1						75	75		
84/ 83				.4	.4	1.7	1.8	2.4	2.2	1.4	.6	.4	.1					85	85		
82/ 81				.6	1.3	1.8	1.8	2.1	1.7	1.0	1.3	.4						82	82	2	
80/ 79				1.5	2.4	1.5	.6	1.5	1.4	1.5	1.1							53	53	10	
78/ 77		.1	.4	.8	1.5	1.1	.6	1.7	.4	1.0	.3							57	57	47	3
76/ 75		.1	.8	.4	.5	.7	1.1	1.3	1.1	.7								51	51	77	10
74/ 73		.4	.6	.8	1.3	.7	.7	.3	.4	.1								36	36	91	53
72/ 71		1.4	.4	.4	.4	1.3	.7	.4	.6	.1								39	39	89	57
70/ 69		.3	.1	.3	.4	.7	.1	.7										19	19	90	79
68/ 67		.7	.6	.4		.3	.4	.1										16	18	80	97
66/ 65		.7	.1	.1		.1												8	8	60	53
64/ 63		.4		.6	.3	.1												10	10	93	39
62/ 61					.1													1	1	54	57
60/ 59			.1															1	1	38	47
58/ 57																				10	55
56/ 55																				16	46
54/ 53																				3	30
52/ 51																					26
50/ 49																					29
48/ 47																					15
46/ 45																					26
44/ 43																					6
42/ 41																					4
40/ 39																					2
TOTAL		4.2	3.2	6.4	9.7	13.2	13.9	15.3	13.3	11.1	6.5	2.6	.4	.1				720	720		720

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2287536	39022	54.2	15.496	720							
Dry Bulb	4756819	58913	81.8	7.047	720			87.5	78.2	55.4	4.3	9
Wet Bulb	3430554	49564	68.8	5.852	720			59.5	28.4	.8		9
Dew Point	3099152	44573	61.9	8.731	720			34.9	5.2			9

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 — STATION
KANSAS CITY INTL MO — STATION NAME
73-85 — YEARS
JUN — MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
102/103															.2			2	2		
100/101															.1			1	1		
98/ 97													.2					2	2		
96/ 95										1.3	1.5	.6						24	24		
94/ 93									.4	.6	.4	.4	.1					15	15		
92/ 91						.1	.6	.9	.7	.8	1.0	.4						32	32		
90/ 89						.3	1.3	2.2	2.1	.4	.2		.1					48	48		
88/ 87					.1	1.0	1.9	1.8	1.4	1.1	1.1	.2						66	66		
86/ 85						1.5	2.6	2.2	2.5	2.2	.8	.6	.1					91	91		
84/ 83				.1	1.3	1.8	2.4	1.3	1.7	1.3	1.1	.1	.4					62	62		
82/ 81			.1	.4	1.9	2.9	1.3	1.5	1.5	1.8	1.0	.1						85	65	3	
80/ 79			.1	1.1	1.1	.7	1.5	.9	1.1	.7	1.3	.3						62	62	7	
78/ 77				1.0	.7	.7	1.3	1.4	.6	1.3								47	47	55	4
76/ 75		.3	.6	.8	.7	.8	1.1	1.0	1.3	.4								50	50	70	7
74/ 73		.3	.1	.3	.7	.6	.6	1.4	.4	.3								33	33	116	31
72/ 71		.7	.7	.7	.4	.7	.4	.3	.4									31	31	72	58
70/ 69		.3	.7	.3	.3			.7	.3									18	18	77	70
68/ 67		.7	.3	.3	.4	.1	.1											14	14	78	68
66/ 65	.3	.7	.3	.1	.8													14	14	71	69
64/ 63				.3	.1													3	3	64	51
62/ 61																				44	53
60/ 59																				39	53
58/ 57																				13	42
56/ 55																				11	53
54/ 53																					26
52/ 51																					26
50/ 49																					28
48/ 47																					20
46/ 45																					22
44/ 43																					7
42/ 41																					7
40/ 39																					3
TOTAL	.3	2.9	2.9	5.4	7.8	10.8	14.7	15.4	14.4	12.1	8.5	3.2	1.1		.4			720	720	720	720

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2136293	37643	52.3	15.297	720							
Dry Bulb	4879664	59.50	82.7	7.149	720			87.9	80.0	60.3	5.5	90
Wet Bulb	3460734	49748	69.1	5.708	720			59.8	31.4	.6		90
Dew Point	2796158	44494	61.8	8.218	720			32.3	5.3			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL AP	73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
102/101														.1				1	1		
100/ 97												.1						1	1		
96/ 93									.1	.4	.4	.1						6	9		
92/ 91							.1	.4	.4	.3	.1							10	10		
90/ 89						.3	.1	.8	1.1	.4	.1							21	21		
88/ 87						.8	1.1	.7	.4	.4		.1						26	26		
86/ 85					.3	1.9	1.5	1.3	1.0	.6	.7	.1						55	55		
84/ 83				.3	1.1	1.9	1.4	1.4	1.5	.1	.3	.1	.1					65	65		
82/ 81				1.1	2.2	2.5	1.9	.7	1.3	.1		.3						72	72		
80/ 79			.4	1.7	3.1	2.6	1.3	1.5	1.7	1.0	.4							96	98	3	
78/ 77			.3	1.7	1.7	.6	.7	1.3	1.4	.3	.1							57	57	26	
76/ 75			1.0	1.8	1.4	1.4	1.7	.7	.7	.1								63	63	61	13
74/ 73		.4	.4	1.9	1.1	1.3	1.8	1.9	.7									73	73	86	21
72/ 71		.7	1.3	1.1	.7	1.3	1.3	.7	.1									50	50	98	55
70/ 69		.4	.6	1.3	1.4	.8	1.1	.6	.1									43	43	69	68
68/ 67		.8	.8	.3	.6	1.3	.4	.1										31	31	74	93
66/ 65	.1	1.3		.8	.3	.6	.1											23	23	73	80
64/ 63		.6	.3	.1	.4	.3												12	12	72	52
62/ 61		.1	.3	.3	.3													7	7	59	43
60/ 59			.1					.2										2	2	49	41
58/ 57																				26	39
56/ 55		.3																2	2	20	62
54/ 53																				3	31
52/ 51																					33
50/ 49																					42
48/ 47																				1	15
46/ 45																					14
44/ 43																					8
42/ 41																					3
34/ 33																					1
TOTAL	.1	4.6	5.4	11.8	15.4	19.1	14.6	12.2	10.6	3.9	2.2	1.0	.1	.1				720	720	720	720

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2126704	42962	59.7	15.065	720							
Dry Bulb	4377068	55914	77.7	7.054	720			84.3	69.8	32.4	1.3	
Wet Bulb	3312714	48654	67.6	5.899	720			58.1	22.3	.1		
Dew Point	2787134	44434	61.7	7.905	720			30.9	3.9			

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO	73-80	JUN
STATION	STATION NAME	YEARS	MONTH

 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
92/ 91									.1									1	1		
90/ 87							.4	.1										4	4		
88/ 85					.1	.1	.3	.3	.1	.1								8	8		
86/ 83				.3	.7	.1	.5	.3	.1	.1								18	18		
84/ 81				1.1	1.4	.7	1.0	.4	.1									34	34		
82/ 79			.1	2.2	2.4	1.3	.3	.7	.1									51	51		
80/ 77		.1	1.5	1.9	1.9	1.3	.6	.4										56	56	4	
78/ 75		.3	1.2	4.4	.7	1.7	1.0	.3										74	74	25	1
76/ 73		.7	3.5	2.2	1.7	1.4	.4	.1										67	67	60	20
74/ 71		1.8	3.1	1.1	1.7	1.3	.5	.3										67	67	66	41
72/ 69		1.5	2.5	1.4	1.5	1.2	.4	.1										61	61	104	69
70/ 67	.1	1.4	2.1	1.9	1.9	2.5	.3											74	74	65	105
68/ 65	.4	1.7	1.5	2.6	1.2	1.4												69	69	65	46
66/ 63		1.7	1.1	2.1	2.4	1.3	.1											62	62	64	60
64/ 61		.8	.7	1.8	1.1	.6	.1											37	37	66	53
62/ 59	.1	.3	1.3	1.1	.3	.1												21	21	49	61
60/ 57	.1	.3	.5	.1	.1													11	11	68	41
58/ 55		.4	.1															4	4	46	49
56/ 53		.1																1	1	26	55
54/ 51																				7	46
52/ 49																				1	34
50/ 47																					10
48/ 45																					15
46/ 43																					2
44/ 41																					3
TOTAL	.2	11.1	21.3	24.4	18.9	14.6	6.5	3.1	.7	.3									720		720
																		720		720	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3792876	513089	71.4	13.196	720							
Dry Bulb	3676111	51225	71.1	6.843	720			64.4	39.1	10.5		93
Wet Bulb	3062795	46741	64.9	6.292	720			40.8	11.1			90
Dew Point	2723247	43945	61.0	7.558	720			29.5	2.6			93

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23947	KANSAS CITY INTL AP	73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105															.0			2	2		
104/103															.0			1	1		
102/101											.0			.0				2	2		
100/ 99											.0							1	1		
98/ 97										.0		.0	.0					4	4		
96/ 95										.0	.3	.1						34	34		
94/ 93								.0	.0	.2	.2	.1	.0					46	46		
92/ 91						.0	.1	.3	.2	.3	.2	.1						75	75		
90/ 89						.1	.2	.5	.7	.2	.1	.0	.0	.0				117	117		
88/ 87					.1	.4	.0	.5	.5	.3	.2	.1	.0					174	174		
86/ 85					.1	1.0	1.0	.7	.7	.6	.2	.1	.0					266	266		
84/ 83				.2	.3	.9	1.0	.7	.7	.4	.3	.1	.1					296	296		
82/ 81			.1	.9	1.2	1.2	1.0	.5	.7	.4	.3	.1						369	369	5	
80/ 79		.1	.2	1.6	1.5	1.3	.7	.3	.6	.4	.4	.0						435	435	25	
78/ 77		.1	.3	1.3	1.3	1.3	.3	.8	.4	.4	.1							396	396	173	8
76/ 75		.2	1.4	1.8	1.2	1.1	.3	.6	.4	.2								459	459	313	46
74/ 73		.7	1.7	1.8	.9	1.1	.6	.6	.2	.1								453	453	495	173
72/ 71		1.5	2.1	1.3	.8	.9	.5	.3	.1	.2								439	439	543	357
70/ 69	.1	2.3	1.7	1.3	1.1	.7	.3	.3	.1									419	419	619	493
68/ 67	.3	1.8	1.7	.9	1.1	.8	.2	.1										396	396	653	664
66/ 65	.5	2.1	1.3	1.3	1.1	.4	.2	.0										386	386	573	559
64/ 63	.2	1.6	.9	1.1	.8	.3	.2											285	285	569	459
62/ 61	.2	1.3	.8	1.3	.5	.2	.0											245	245	472	453
60/ 59	.2	.9	.9	.3	.3	.0		.0										184	184	424	457
58/ 57	.1	.5	.9	.4	.1													116	116	321	389
56/ 55		.5	.7	.2	.1													81	81	260	394
54/ 53		.3	.5	.1														50	50	168	334
52/ 51	.1	.2	.1	.0														24	24	85	321
50/ 49		.2	.1															5	5	48	261
48/ 47																				13	156
46/ 45																				1	125
44/ 43																					40
42/ 41																					29
40/ 39																					6

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 STATION | KANSAS CITY INTL WB STATION NAME | 73-80 YEARS | JUN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
34/ 33																					1
TOTAL	1.7	13.3	15.9	16.1	13.0	11.3	8.9	7.2	5.6	3.6	2.2	.9	.2	.1					5760		5760
																		5760		5760	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	27947908	388484	67.4	17.415	5760							
Dry Bulb	31673601	423475	73.6	9.138	5760			548.0	391.2	200.7	11.2	720
Wet Bulb	25172348	378458	65.8	6.633	5760			353.2	126.4	1.5		720
Dew Point	21378133	352199	61.1	7.714	5760			220.1	28.4			720

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	73-81	JUL
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93										.3								2	2		
92/ 89									.2	.4	.1							6	6		
88/ 87								.4	.3	.4	.1							9	9		
86/ 85							.2	.2	.3	.3	.1							16	16		
84/ 83					.3	1.1	.7	.3	.2	.3								26	26		
82/ 81			.1	.4	.3	.2	.2	.4	.1									36	36		
80/ 79			1.1	2.6	3.1	2.2	2.2	.7										85	85		
78/ 77		.1	1.2	3.1	2.7	1.2	.2											66	66	2	
76/ 75		2.4	2.4	3.1	1.7	1.1	.2											86	86	19	4
74/ 73		2.8	3.4	3.9	.2	1.7												94	94	135	27
72/ 71		3.4	3.5	2.3	.7	.7	.1											83	83	113	47
70/ 69	.3	.9	3.9	1.2	1.7	.4	.1	.1										65	65	129	122
68/ 67	.2	2.7	2.6	2.4	.4	.5												68	68	134	101
66/ 65	.7	2.3	1.9	.9	1.1	.3	.1											54	54	99	105
64/ 63	.3	1.2	1.2	.2	.3	.1												29	29	63	85
62/ 61		.3	.2	.4	.1													16	16	51	73
60/ 59			.1															1	1	26	67
58/ 57				.1														1	1	25	53
56/ 55				.1														1	1	4	23
54/ 53																				2	11
52/ 51																				1	3
50/ 49																				1	4
48/ 47																					1
46/ 45																					1
44/ 43																					1
TOTAL	1.7	16.7	22.4	21.6	14.5	9.9	6.3	2.6	2.2	1.6	.4								744		744
																		744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4227308	55670	74.8	14.246	744							
Dry Bulb	4671371	54841	73.7	6.246	744			80.3	53.3	17.3	.3	93
Wet Bulb	3429929	50395	67.7	4.686	744			59.0	15.9			93
Dew Point	3111434	47936	64.4	5.553	744			37.6	3.9			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	73-82	JUL
STATION	STATION NAME	YEARS	MONTH

 2300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
86 / 85							.1	.4	.4									7	7		
84 / 83						.5	.3	.3	.5									12	12		
82 / 81						.1	.3	.4										6	6		
80 / 79			.1	.1	2.7	.8		.5										29	29		
78 / 77			1.6	2.8	2.3	1.1	1.3											72	72		
76 / 75		.5	4.5	3.1	1.7	.9	.5											66	66	2	
74 / 73	.3	1.9	3.2	3.8	1.2	1.9												86	68	48	11
72 / 71	.1	4.4	5.8	4.2	1.1	.4	.1											119	119	95	37
70 / 69	.1	3.4	5.1	2.2	1.1	.4												91	91	136	93
68 / 67	.9	2.7	3.1	1.5	.5													65	65	119	117
66 / 65	.9	3.4	2.7	1.2	.4													64	64	127	119
64 / 63	1.1	2.2	1.6	.8	.4													48	48	75	101
62 / 61	.5	2.1	.8	.5	.4													32	32	59	61
60 / 59		.9	1.3															17	17	39	72
58 / 57		.1	.5															5	5	24	53
56 / 55			.1	.1														2	2	15	18
54 / 53			.1															1	1	4	22
52 / 51																				2	11
50 / 49																				1	3
48 / 47																					5
46 / 45																					1
TOTAL	4.1	21.5	31.0	20.2	12.4	5.6	2.7	1.6	.9										744		744
																		744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4743867	58693	78.9	12.369	744							
Dry Bulb	3777008	52844	71.0	5.643	744			71.9	37.5	3.9		93
Wet Bulb	3301604	49446	66.5	4.558	744			50.0	6.3			93
Dew Point	3054120	47514	63.9	5.141	744			32.3	1.4			93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL AP	73-80	JUL
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0700-1900 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 87									.4									3	3		
84/ 85						.1	.7	.7		.1								12	12		
82/ 83					.1	.4	.7	1.1	1.2									26	26		
80/ 81			.1	.3	1.1	1.7	.9	.5	.1									41	41		
78/ 79			.4	1.3	2.7	1.5	.9	.1										53	53		
76/ 77		.4	1.7	3.1	3.1	.9	.7											91	91	2	1
74/ 75		1.7	4.2	3.2	1.9	1.2	.4	.1										95	93	20	3
72/ 73	.4	1.5	3.9	3.1	2.3	.4												85	85	37	4
70/ 71	.3	3.2	5.2	2.3	1.3	.5		.1										121	121	171	64
68/ 69	.7	2.7	4.2	2.6	1.2	.1	.1											86	86	127	114
66/ 67	.5	1.6	3.4	.8	.1	.4												51	51	117	124
64/ 65	.5	1.3	1.7	1.5														45	45	93	101
62/ 63	.3	1.6	.7	.4		.1												23	23	66	99
60/ 61	.1	1.7	.4	.3	.1													20	20	36	77
58/ 59		.5	.7															9	9	32	59
56/ 57	.1	.1	.1															3	3	15	37
54/ 55																				5	23
52/ 53																				1	4
50/ 51																					4
48/ 49																					3
46/ 47																					3
TOTAL	2.4	17.1	46.6	22.7	15.1	7.8	4.4	2.8	.5	.1									744		744
																		744		744	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4494725	57[illegible]	76.7	12.560	744							
Dry Bulb	4[illegible]2615	54467	73.2	5.821	744			80.5	50.8	12.7		93
Wet Bulb	3453317	53[illegible]1	69.[illegible]	4.426	744			61.9	14.9			92
Dew Point	3173799	48455	65.1	4.927	744			41.5	3.5			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

..7547 / STATION
KANSAS CITY INTL AP / STATION NAME
73-8[illegible] / YEARS
JUL / MONTH

PAGE 1
0900-11[illegible] / HOURS ... S. T

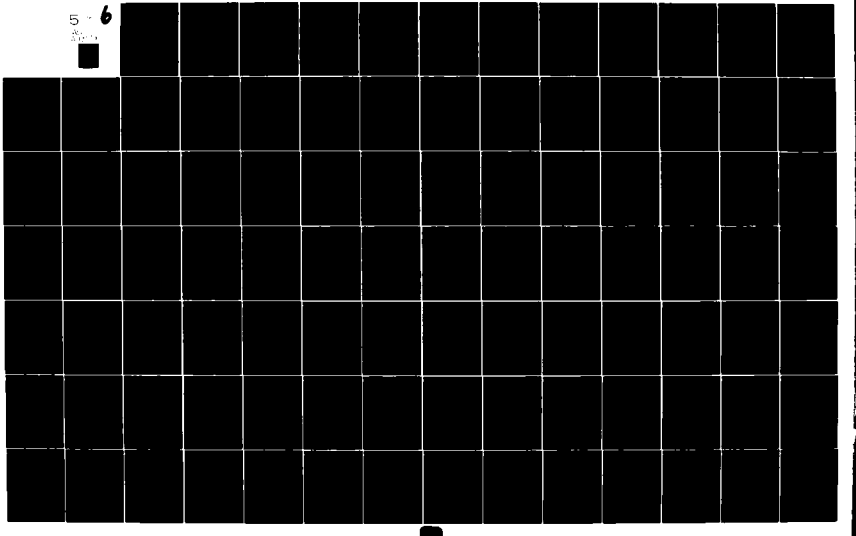
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew P
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
100 / 99														.2		.1		3	3		
98 / 97									.1			.4	.1					5	5		
96 / 95										.2	.1	.1		.1				13	13		
94 / 93								.2	.4		1.2	.2						15	15		
92 / 91								.4	1.7	1.7	.4		.1					36	36		
90 / 89						.4	.2	1.6	1.9	1.7	.1	.1						51	51		
88 / 87					.1	1.2	3.4	3.4	1.6	.5	.1							77	77		
86 / 85					1.2	4.4	2.4	1.7	.9	.1	.4		.1					85	85		
84 / 83				.2	4.1	3.1	2.4	.9	.3	.4	.1							91	91		
82 / 81				1.4	2.4	1.9	2.3	.2	.4	.3	.1							74	74	1	
80 / 79		.3	1.2	2.4	2.4	1.3	1.3	1.6	.7	.1								56	56	3	
78 / 77		.1	2.3	2.3	1.2	2.6	.1	.7	.1									66	66	71	
76 / 75		.7	.8	.5	1.2	1.1	.2	.2	.1									41	41	152	
74 / 73		.7	1.2	1.3	.2	.7	.4	.1	.1									33	33	177	
72 / 71		.4	1.1	.2	.1		.1											22	22	55	1
70 / 69		.2	.2	.2	.4	.1	.1											19	19	75	1
68 / 67	.1	.4	.2	.1	.2													12	12	52	1
66 / 65	.1	.4	.2															6	6	49	
64 / 63	.1	.3	.1															4	4	35	
62 / 61		.2																5	5	16	
60 / 59		.1																1	1	9	
58 / 57	.1	.1																2	2	2	
56 / 55	.1																	1	1	2	
54 / 53																					
52 / 51																					
50 / 49																					
48 / 47																					
46 / 45																					
44 / 43																					
TOTAL	.1	4.7	5.3	10.6	14.4	16.3	14.2	11.7	8.5	5.5	2.7	.9	.4	.4		.1		744	744	744	7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3635527	46213	62.1	14.404	744							
Dry Bulb	5009891	60[illegible]29	81.8	7.614	744			9[illegible].6	84.[illegible]	61.1	4.1	
Wet Bulb	3e4114[illegible]	53354	71.7	4.493	744			78.0	51.1	.4		
Dew Point	3336[illegible]91	49[illegible]65	66.[illegible]	5.594	744			55.4	11.8			

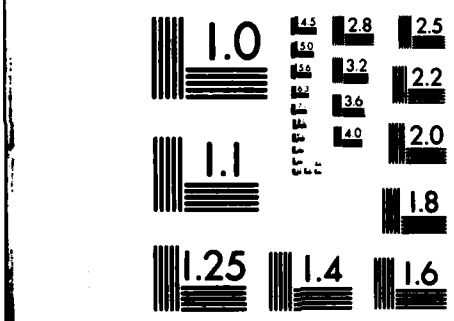
USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A113 179 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KANSAS CITY IAP, MISSOURI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-82/003 SBI-AD-E850 135 NL



13179



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13747	KANSAS CITY INTL AP	73-80	JUL
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
106/107																	.1	1	1		
104/105																.3	.3	4	4		
104/103														.3	.7	.3	.1	10	10		
102/101												.1	.7	.1	.5			11	11		
100/ 99											.5	.9	.7	.5	.5			24	24		
98/ 97									.1	.1	1.7	.9	.8	.3	.1			31	31		
96/ 95									.7	1.9	1.1	2.3	.5	.1				43	43		
94/ 93								.3	2.3	2.7	3.0	1.2	.1					75	75		
92/ 91							1.5	1.9	2.7	2.7	1.3	.9						82	82		
90/ 89						.5	2.0	3.5	1.6	1.5	.8	.4	.1	.1				79	79		
88/ 87					.4	1.9	3.5	1.7	.5		.9	.5		.4				74	74		
86/ 85					1.7	3.0	1.9	2.0	.7	.3	.4	.1	.1					73	73		
84/ 83				.9	1.9	.9	.8	1.3	.9	.9	.3							56	56		
82/ 81			.1	1.5	1.6	.5	.9	1.2	1.1	.5	.1	.1						58	58	3	
80/ 79			.4	.7	1.1	.4	.5	.3	.7	.3								34	34	41	
78/ 77			.3	.4	.3	.3	1.1	.3	.3	.1								22	22	139	3
76/ 75			.4	.9	.7	.3		.1	.1									19	19	185	39
74/ 73			.5	.5	.3	.4	.1											14	14	127	64
72/ 71		.4	.4	.5	.1													11	11	62	107
70/ 69		.4	.1	.1	.1													6	6	59	112
68/ 67		.4	.1	.1														5	5	52	94
66/ 65		.3	.1															3	3	35	80
64/ 63		.3																2	2	21	69
62/ 61	.3	.4																5	5	14	53
60/ 59	.1																	1	1	5	44
58/ 57																					24
56/ 55																					17
54/ 53																					14
52/ 51																					6
50/ 49																					7
48/ 47																					4
46/ 45																					2
44/ 43																					2
42/ 41																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 STATION | KANSAS CITY INTL AP STATION NAME | 73-82 YEARS | JUL MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	.4	2.2	2.4	5.9	7.5	9.1	12.7	13.2	11.3	13.2	10.2	7.7	3.1	1.9	1.9	.5	.5	743	743	743	743

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	217[illegible]99	38401	51.8	15.795	743							
Dry Bulb	5736494	65120	87.5	7.924	743			91.6	88.9	80.1	24.9	93
Wet Bulb	3999438	54411	73.2	4.490	743			63.6	62.0	2.1		93
Dew Point	3302333	49317	66.4	6.240	743			52.4	13.3			93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	73-80	JUL	PAGE 1	1500-1700
STATION	STATION NAME	YEARS	MONTH		HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
106/103																.4	1.1	11	11		
104/103													.3		.9	.5		13	13		
102/101											.1	.4	1.1	.3	.5	.3		24	24		
100/ 99										.1		1.2	.8	.9	1.3			33	33		
98/ 97									.1	.3	1.7	.3	1.1	1.2	.1			36	36		
96/ 95								.1	.5	1.7	.9	2.2	.9	.8				54	54		
94/ 93							.3	1.3	2.2	1.9	3.2	1.9	.5					84	84		
92/ 91						.1	1.2	1.7	2.0	2.8	1.2	.7	.5	.1	.1			79	79		
90/ 89						.7	.8	3.4	1.9	.9	.7	.3	.4	.1				68	63		
88/ 87					.7	1.1	1.7	2.4	1.3	.4	.1	.7	.4	.4				69	69		
86/ 85			.1	.5	1.3	2.7	1.2	1.5	.5	.5	.7							66	66		
84/ 83				.7	.9	1.5	.9	2.0	2.0	.7	.3							66	66		
82/ 81				.9	1.1	.5	.5	.5	.3	.5	.1							31	31	12	
80/ 79				.7	1.1	.9	.9	.4	.8	.3								38	38	63	2
78/ 77			.3	.3	.3	.3	.1	.4	.1		.3							15	15	105	43
76/ 75		.1	.4	.8	.4	.5			.1									18	18	156	29
74/ 73		.1	.4	.9	.1	.5												15	15	135	55
72/ 71		.4	.3	.4														8	8	96	71
70/ 69		.5	.3	.1														7	7	66	114
68/ 67		.1																1	1	56	94
66/ 65			.3	.1														3	3	33	75
64/ 63	.1																	1	1	18	72
62/ 61	.3																	2	2	9	60
60/ 59																				2	60
58/ 57																				1	31
56/ 55																					22
54/ 53																					13
52/ 51																					5
50/ 49																					7
48/ 47																					6
46/ 45																					6
44/ 43																					2
TOTAL	.4	1.3	2.0	5.2	5.9	3.9	7.7	13.2	12.0	10.2	9.4	7.5	6.0	4.4	3.1	1.2	1.1	744	744	744	744

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	195842P	36206	48.7	16.019	744							
Dry Bulb	5923605	66127	88.9	7.887	744			92.3	90.3	82.5	31.9	93
Wet Bulb	4000692	54514	73.3	4.394	744			85.1	58.9	4.9		93
Dew Point	3242581	48873	65.7	6.577	744			47.8	12.9			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 | KANSAS CITY INTL MO | 73-80 | JUL
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1200-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1[illegible]/1[illegible]																.3	.1	3	7		
1[illegible]/1[illegible]													.1	.3	.3			5	5		
1[illegible]/[illegible]												.1	.1	.8				8	8		
[illegible]/[illegible]										.1			.3	.5	.1			8	8		
[illegible]/[illegible]									.5	.9	.1	.8	.9	.1	.1			27	27		
[illegible]/[illegible]								.4	.1	.4	1.5	.7	.3					25	25		
[illegible]/[illegible]						.1	.5	.9	1.5	2.7	.8	.1	.1					51	51		
[illegible]/[illegible]						.4	.5	2.4	1.6	1.7	.9	.1	.1					58	58		
[illegible]/7					.7	.7	2.3	2.6	1.6	.3	.5	.1	.1					68	68		
[illegible]/[illegible]				.1	1.[illegible]	3.0	2.[illegible]	2.4	1.1	.4	.3	.1	.1					89	89		
4/[illegible]			.3	1.5	1.[illegible]	2.2	1.7	2.5	1.1	.3	.1	.1						78	78		
[illegible]/[illegible]			.3	1.3	1.	1.6	1.7	1.9	.7	.4								73	73	6	
[illegible]/[illegible]		.1	.4	[illegible]	1.[illegible]	2.9	1.2	.7	.1	.1	.7							70	70	28	7
7[illegible]/77			1.2	.4	1.[illegible]	1.2	.4	.7	.4	.1								48	48	58	13
7[illegible]/7[illegible]		.4	.4	.9	1.2	.9	.3	.3		.1								42	42	118	30
74/[illegible]			1.5	2.2	.5	.3			.7									38	38	155	44
7[illegible]/71		1.1	1.1	.4	.5	.1	.1	.1										29	29	115	73
7[illegible]/69		.4	.7	.1	.5	.1	.1											13	13	104	102
[illegible]/67	.2																	2	2	72	109
66/66			.1	.3														3	3	35	107
64/62		.4	.1			.1												5	5	28	77
[illegible]/61				.1														1	1	12	63
[illegible]/59																				7	41
5[illegible]/57																				4	32
5[illegible]/55																				1	20
54/53																				1	6
5[illegible]/51																					5
5[illegible]/49																					4
48/47																					3
46/45																					2
42/41																					1
TOTAL	.3	2.4	6.7	17.5	11.[illegible]	13.8	12.4	14.4	9.0	9.2	4.4	2.3	2.3	1.7	.5	.3	.1		744		744
																		744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2647400	42796	57.5	15.810	744							
Dry Bulb	5227289	62125	83.5	7.316	744			91.9	86.4	66.1	9.5	93
Wet Bulb	3645126	53384	71.8	4.445	744			62.0	45.6	2.3		93
Dew Point	3257581	49019	65.9	6.131	744			46.6	11.1			93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 | KANSAS CITY INTL MO | 73-81 | JUL
STATION | STATION NAME | YEARS | MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
94/ 93											.1	.4						4	4		
92/ 91										.4	.3	.1						6	6		
90/ 89								.1	.5	1.3	.3							17	17		
88/ 87						.7	.1	.3	.7	.4	.4							16	16		
86/ 85					.3	1.7	.5	.3	.9	.3								34	34		
84/ 83				.4	.7	2.4	1.7	1.6	.4									54	54		
82/ 81		.4	.5	.7	1.7	1.6	2.7	1.3	.7									69	69		
80/ 79			2.4	2.4	2.6	2.9	1.2	.3	.4									90	90	4	1
78/ 77		.5	1.3	3.1	4.3	1.9	.7	.3		.1								91	91	23	4
76/ 75		1.1	3.1	2.6	2.3	1.6	.9	.1										86	86	45	21
74/ 73		.8	2.1	2.4	1.3	.9	.9		.1									71	71	106	37
72/ 71		1.9	3.6	1.9	1.3	1.1	.4	.3										78	78	127	49
70/ 69		1.7	2.2	1.2	1.5	.1		.4										53	53	150	107
68/ 67	.3	1.5	1.6	.8	.4	1.2												43	43	107	113
66/ 65	.4	.7	.8	.7	.1													20	20	67	113
64/ 63		.5	.1	.1		.1												7	7	51	82
62/ 61		.1	.3		.1													4	4	30	81
60/ 59					.1													1	1	17	50
58/ 57																				12	39
56/ 55																				2	19
54/ 53																				3	13
52/ 51																					3
48/ 47																					2
46/ 45																					8
TOTAL	.7	9.3	18.8	16.3	17.7	15.5	9.3	5.5	3.4	2.6	1.1	.5						744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3726978	51492	69.2	14.822	744							
Dry Bulb	4400121	57029	76.7	6.219	744			89.0	67.3	31.3	.5	93
Wet Bulb	3576147	51471	69.2	4.524	744			70.3	22.3	.1		93
Dew Point	3186354	48964	65.8	5.672	744			41.5	7.9			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO	73-86	JUL
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
108/107																	.0	1	1		
106/105																.1	.2	15	15		
104/103													.0	.0	.0	.1	.0	26	26		
102/101											.0	.1	.2	.2	.2	.3		46	40		
100/ 99										.1	.1	.3	.2	.3	.2	.0		66	68		
98/ 97									.1	.1	.4	.2	.3	.3	.1			80	80		
96/ 95								.0	.2	.6	.3	.7	.3	.2	.0			134	134		
94/ 93							.0	.3	.6	.7	1.1	.6	.1					225	205		
92/ 91						.0	.4	.6	1.0	1.2	.5	.2	.1	.0	.0			248	248		
90/ 89						.3	.5	1.4	1.2	1.0	.4	.1	.1	.0				279	279		
88/ 87					.3	.6	1.4	1.3	.9	.3	.3	.2	.1	.1				316	316		
86/ 85			.0	.1	.3	1.8	1.3	1.3	.6	.3	.2	.0	.1					334	334		
84/ 83			.3	.6	1.2	1.5	1.2	1.2	.8	.3	.1	.0						409	409		
82/ 81		.1	.2	.9	1.5	1.1	1.3	.9	.4	.2	.1	.0						388	388	22	
80/ 79		.1	.8	1.6	2.1	1.6	1.7	.6	.3	.1	.0							495	485	144	9
78/ 77		.2	1.2	2.2	2.3	1.2	.7	.3	.1	.1	.0							471	471	480	48
76/ 75		.9	2.1	1.9	1.4	.9	.0	.1	.1	.0								473	473	697	149
74/ 73	.1	1.1	2.1	2.3	.9	.8	.2	.0	.1									443	443	950	330
72/ 71	.1	1.9	2.6	1.8	.7	.4	.1	.1										451	451	814	574
70/ 69	.1	1.3	2.2	1.3	.8	.2	.1	.1										340	340	848	872
68/ 67	.3	1.2	1.4	.7	.2	.3												247	247	689	870
66/ 65	.4	1.1	1.3	.6	.2	.0	.0											198	198	538	779
64/ 63	.2	.8	.5	.3	.1	.1												119	119	357	652
62/ 61	.2	.7	.3	.2	.1													85	85	227	540
60/ 59	.1	.2	.3		.1													30	30	137	428
58/ 57	.1	.1	.1	.0														11	11	83	294
56/ 55	.1		.0	.0														4	4	29	166
54/ 53			.0															1	1	11	94
52/ 51																				3	60
50/ 49																				2	32
48/ 47																					20
46/ 45																					29
44/ 43																					6
42/ 41																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL AP	73-81	JUL
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	1.4	9.4	14.8	14.3	13.3	10.8	7.7	8.2	6.0	4.8	3.5	2.4	1.5	1.1	.7	.3	.2		5951		5951
																		5951		5951	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	27012032	386703	64.9	18.171	5951			688.0	558.2	355.1	71.1	744
Dry Bulb	39156394	473282	79.5	9.334	5951			570.6	276.7	9.5		744
Wet Bulb	30455163	417955	70.2	5.140	5951			355.1	65.5			744
Dew Point	25666393	389203	65.4	5.820	5951							

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	73-81	AUG
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0000-2300 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
90 / 89												.4						3	3			
88 / 87									.1									1	1			
86 / 85								.1	.3									3	3			
84 / 83						.1		.1	1.1	.3								12	12			
82 / 81				.7	1.3	.7	.9	.4										33	33			
80 / 79	.1		.3	1.3	1.2	2.6	.7	.2	.1									64	64	1	1	
78 / 77		.4	1.2	1.5	1.7	1.2	.3											43	43			
76 / 75	.4	.5	2.3	1.3	1.6	1.1	.3	.3										58	58	21	4	
74 / 73	.1	.5	3.3	3.3	1.1	.3	.5											67	67	62	19	
72 / 71	.4	4.3	6.7	1.1	.5	1.7	.3											119	119	67	55	
70 / 69		4.1	4.4	.9	1.6	1.5												93	93	116	71	
68 / 67		3.5	3.8	1.2	1.3	.5	.1	.1										79	79	124	88	
66 / 65	.1	2.6	3.1	2.4	.7		.3											65	65	95	113	
64 / 63		2.7	1.2	.3	.1	.1												37	37	66	66	
62 / 61		2.3	2.4	.7	.4	.1												44	44	76	63	
60 / 59	.1	.4	.5		.3													10	10	64	67	
58 / 57		.3	.1	.1	.1													9	9	27	59	
56 / 55		.4		.1														4	4	23	52	
54 / 53																				6	32	
52 / 51																				4	16	
50 / 49																				1	5	
48 / 47																					5	
46 / 45																					3	
44 / 43																					4	
TOTAL	1.3	22.4	29.6	15.7	11.7	10.3	4.0	2.7	.9			.4						744		744		
																		744				

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4517410	57134	76.8	13.456	744							
Dry Bulb	3802793	52991	71.2	6.197	744			71.9	35.5	10.8		93
Wet Bulb	3273124	49199	66.1	5.167	744			49.1	10.5			93
Dew Point	2994349	46983	63.1	6.062	744			20.6	2.9			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 STATION | KANSAS CITY INTL MO STATION NAME | 73-80 YEARS | AUG MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]											.1							1	1		
84/ 83										.2								2	2		
82/ 81					.1	.5	.4	.4	.1									12	12		
[illegible]				.4	.7	1.2	.5	.1										22	22		
78/ 77			1.0	[illegible]	.7	.7	.1											40	40		
76/ 75	.3	.7	3.5	1.3	[illegible]	1.2	.3											75	75	[illegible]	[illegible]
74/ 73	.1	1.3	3.1	1.6	.9	.7	.1											56	56	40	6
72/ 71	.4	2.4	4.8	1.6	1.3	.1												80	80	66	45
70/ 69	.7	5.8	5.9	1.5	1.3	.4												120	120	86	68
68/ 67	.4	4.2	5.4	1.1	.7	.4	.3											77	77	132	95
66/ 65	.4	4.3	3.4	1.3	.5	.1												73	73	96	86
64/ 63	.7	4.2	2.3	1.7	.4													69	69	90	102
62/ 61	.3	3.2	2.2	.7	.1	.1												49	49	61	82
60/ 59	.5	1.6	1.9	.1	.1													32	32	70	73
58/ 57	.3	1.6	.9		.1													22	22	49	45
56/ 55	.1	.4	.1	.3														7	7	33	69
54/ 53		.4	.7	.3														7	7	9	36
52/ 51																				6	18
50/ 49																				2	4
48/ 47																				2	5
46/ 45																					1
44/ 43																					6
TOTAL	4.3	29.8	33.6	14.0	10.1	5.5	1.7	.5	.1	.3	.1							744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4996579	60301	81.0	12.123	744
Dry Bulb	3552223	51212	68.8	6.042	744
Wet Bulb	3151748	48266	64.9	5.260	744
Dew Point	2935261	46527	62.5	5.874	744

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			60.6	26.0	2.8		93
Dry Bulb			40.8	5.3			93
Wet Bulb			27.1	1.3			93
Dew Point							

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 STATION | KANSAS CITY INTL MO STATION NAME | 73-80 YEARS | AUG MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
≥ 97												.1						1	1		
96 / 95							.1				.3							3	3		
94 / 93							.1	.3		.1	.1							5	5		
92 / 91				.3	.7	.3	.7		.1									15	15		
90 / 89			.1	1.2	.3	.9												23	23		
88 / 87			1.7	1.6	1.2	1.3		.1										45	45		
86 / 85	.3	.4	2.6	3.2	1.9	1.2	.1	.1										73	73	8	2
84 / 83	.3	1.9	3.9	3.2	.7	1.1												83	83	44	14
82 / 81	.1	3.1	4.6	2.0	1.3	.7	.1	.3										91	91	77	42
80 / 79	1.7	5.2	4.4	1.3	1.7			.1										113	113	118	98
78 / 77	.8	4.7	3.2	1.5	1.3													86	86	120	103
76 / 75	1.1	2.6	2.3	.7	.3		.1											52	52	101	109
74 / 73	.9	4.2	2.3	1.2	.3	.1												82	82	78	62
72 / 71	.1	3.1	2.2	.7	.1	.3												48	48	70	72
70 / 69		1.5	1.5	.1														23	23	56	72
68 / 67	.3	1.2	.1	.1	.1													14	14	33	56
66 / 65		.4	.1															4	4	26	45
64 / 63		.1	.1															2	2	7	27
62 / 61			.1															1	1	3	10
60 / 59																				2	5
58 / 57																				1	4
56 / 55																					2
54 / 53																					4
TOTAL	5.2	28.9	29.0	17.2	10.4	5.9	1.3	.9	.1	.1	.4	.1							744		744
																		744		744	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4970667	60081	80.8	12.649	744
Dry Bulb	3653953	51953	69.8	5.928	744
Wet Bulb	3231356	4889	65.7	5.041	744
Dew Point	3010240	4713	63.3	7.166	744

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			67.3	31.0	4.5		93
Wet Bulb			45.9	6.5			93
Dew Point			31.8	2.0			93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
KANSAS CITY INTL AP — STATION NAME
73-82 — YEARS
AUG — MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95												.1		.1				2	2		
94/ 93								.1		.2		.1		.1				5	5		
92/ 91								.2	.7	.5	.4		.1					15	15		
90/ 89						.2	.4	.2	.3	.4	.1	.1	.1					20	20		
88/ 87					.1	.5	1.6	1.1	.2	.3		.1						35	35		
86/ 85					.2	3.4	2.3	1.6	.2	.1								64	64		
84/ 83				.4	2.4	1.7	1.9	1.5	.7	.1		.1	.1					67	67		
82/ 81			.1	1.7	2.4	1.3	2.7	1.1	1.1		.1							80	80		
80/ 79			.4	1.6	3.2	2.4	1.5	1.5	1.2	.4	.1							97	97	4	
78/ 77	.1		1.7	2.2	1.3	1.5	1.6	.3										73	73	31	1
76/ 75		.4	1.2	1.7	1.2	1.5	.6	.1	.2									61	61	98	8
74/ 73	.1	.2	2.4	1.2	.7	.6	.2	.1	.1									57	57	120	54
72/ 71	.2	2.2	2.3	2.0	.4	1.2	.4		.1									71	71	134	89
70/ 69	.4	1.3	1.7	.9	.2	.3	.1	.1										44	44	126	118
68/ 67	.1	.9	1.2		.4	.1												21	21	90	105
66/ 65		.5	.2	.3	.1	.1												15	15	74	77
64/ 63		.3	.1	.1														6	6	43	62
62/ 61		.3																4	4	30	58
60/ 59		.4	.2															2	2	19	51
58/ 57																				12	40
56/ 55																				3	27
54/ 53																					15
52/ 51																					8
50/ 49																					5
48/ 47																					3
46/ 45																					3
44/ 43																					1
42/ 41																					1
TOTAL	1.3	9.2	18.9	12.9	15.9	15.2	13.6	9.3	6.6	2.2	.8	.7	.4	.3				744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3411325	49023	65.9	15.636	744							
Dry Bulb	4589369	58215	78.2	6.794	744			89.0	72.0	42.9	.9	93
Wet Bulb	3630189	51849	69.7	4.763	744			70.4	30.4	.1		97
Dew Point	3185881	48475	65.2	6.085	744			45.8	7.9			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 | KANSAS CITY INTL AP | 73-87 | AUG
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 12 0-1400
HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
112/101														.1	.1			2	2		
100/ 99												.1	.3	.3	.1			6	6		
98/ 97											.2	.4	.4	.4				11	11		
96/ 95										1.6	1.2	1.3	.4		.1			35	35		
94/ 93								1.2	1.2	1.3	.9	.1	.4	.3				41	41		
92/ 91						.1	1.3	1.5	1.5	2.0	1.2	.5	.4	.3				46	46		
90/ 89						1.1	1.5	2.4	2.3	.5	1.2	.3						72	72		
88/ 87						1.5	2.4	2.7	1.9	.3	.5	.3	.7		.2			77	77		
86/ 85				.1	.4	2.4	2.7	1.9	1.5	1.6	.8			.1				85	85		
84/ 83				.4	1.1	1.9	1.7	.7	1.6	.8	.4	.4						67	67		
82/ 81			.5	1.1	1.2	1.5	1.1	.5	1.5	.7								50	50	3	
80/ 79			.3	1.1	.7	.3	.3	1.2	.7	.3	.3							47	47	34	
78/ 77			1.5	1.2	1.1	1.2	.4	.7	.4	.1	.1							50	50	45	5
76/ 75		.3	.7	.7	1.5	.7	.3	.7		.1								36	36	98	34
74/ 73		.7	1.1	.9	.7	1.1	.3	.3										34	34	151	53
72/ 71		.5	.6	.7	.3	.1	.1		.1									20	20	92	89
70/ 69	.4	.7	.4															11	11	52	104
68/ 67		.4	.4															6	6	76	91
66/ 65		.4	.1		.7													6	6	48	87
64/ 63		.3																2	2	38	62
62/ 61		.3	.3	.1														5	5	18	47
60/ 59		.1																1	1	6	44
58/ 57		.4																3	3	9	33
56/ 55																				3	31
54/ 53																					32
52/ 51																					13
50/ 49																					3
48/ 47																					4
46/ 45																					5
44/ 43																					3
42/ 39																					2
38/ 37																					1
TOTAL	.4	4.0	5.7	6.3	6.7	13.5	13.8	14.1	12.9	9.9	7.0	3.9	2.6	1.5	.7			744	744	744	744

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2474467	41115	55.3	16.5	744							
Dry Bulb	5312626	62803	84.2	7.7	744			90.0	86.3	68.3	11.9	
Wet Bulb	3132769	53265	71.6	5.0	744			77.8	47.8	2.0		
Dew Point	3199516	48914	65.7	6.9	744			47.0	11.5			

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL MO	73-87	AUG
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1500-1700
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
104/102															.1	.9		5	5		
101/ 99												.1	.3	.3	.1			8	6		
98/ 97										.3	.1	.9	.8	.3	.3			20	20		
96/ 95								.1		1.2	1.0	.8	1.1	.5	.3			44	44		
94/ 93								1.3	1.7	1.6	.6	1.1	.1	.3				92	92		
92/ 91						.1	1.1	2.0	1.1	1.9	2.0	.9	.5	.3				75	75		
90/ 89					.1	.4	1.0	2.4	2.0	1.1	.3	.8		.1	.3			70	70		
88/ 87				.1	.3	.9	2.4	4.1	2.3	.5	1.5	.5	.4	.4	.1			101	101		
86/ 85				.3	.4	2.6	3.4	1.9	.9	1.2	.5	.1						74	74		
84/ 83				.3	1.3	1.1	1.3	.5	1.2	1.3	.4	.1						66	66		
82/ 81			.1	.1	1.1	1.3	1.5	.7	.4	.4	.3	.1						45	45	9	
80/ 79		.1	.9	.7	.9	1.3	.5	.7	1.7		.1							49	49	39	2
78/ 77			.3	1.5	1.3	1.9	.3	.7	.1	.1	.3							49	49	79	8
76/ 75		.1	.7	.8	.7	.1	.7	.3										25	25	123	31
74/ 73		.3	.4	.7		.5	.3											15	15	132	45
72/ 71			.4	.7		.1												9	9	96	67
70/ 69	.1	.7	1.5	.3	.1													22	22	76	93
68/ 67	.1		.7															3	3	82	103
66/ 65		.1	.1															2	2	46	74
64/ 63			.3	.1														3	3	36	75
62/ 61			.3															2	2	12	44
60/ 59																				1	44
58/ 57		.5																4	4	5	35
56/ 55		.3																2	2	6	52
54/ 53																					24
52/ 51																					17
50/ 49																					6
48/ 47																					2
46/ 45																					1
44/ 43																					1
42/ 41																					
40/ 39																					2
TOTAL	.3	2.2	4.8	6.3	6.9	10.3	13.9	14.2	11.3	9.7	8.9	5.2	3.2	2.3	1.2	.5		744	744	744	744

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2280890	393e2	52.9	16.253	744							
Dry Bulb	5466452	63512	85.4	7.757	744			91.4	87.1	73.3	15.9	93
Wet Bulb	3359073	53458	71.9	4.922	744			79.5	47.5	3.0		93
Dew Point	3179635	48363	65.0	6.967	744			45.6	10.8	.1		93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 — STATION
KANSAS CITY INTL MO — STATION NAME
70-82 — YEARS
AUG — MONTH

1800-2000 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
102/101															.1			1	1		
98/97														.1	.1			2	2		
96/95										.1	.1	.3		.1				5	5		
94/93										.5	.4	.1	.3	.1				11	11		
92/91							.2	.5	.5	.3	.4	.3	.1					16	16		
90/89					.1	.4	.5	1.2	.5	.4	.7	.3	.1					32	32		
88/87					.2	1.1	1.7	2.2	.7	.4	.8	.1						51	51		
86/85			.1		.2	2.7	2.7	2.3	.7	.7	.5	.1	.1	.1				72	72		
84/83				.2	1.3	3.2	3.2	1.3	1.1	.4								76	76		
82/81		.1	.3	1.1	2.5	1.5	2.1	1.2	.2	.3		.1						82	82	2	
80/79		.1	.3	1.2	2.1	2.2	1.1	1.2	.2	.3	.1							83	83	13	3
78/77		.3	1.3	1.2	2.4	1.2	.5	1.2	.4	.3	.3							75	75	35	5
76/75		.5	1.6	2.4	1.3	.2	1.2	.3	.1	.1								63	63	66	26
74/73		.4	1.2	1.6	1.3	.3	.5	.1	.3									49	49	133	56
72/71		1.1	1.6	1.2	.5	.7	.1	.2	.3									45	45	99	50
70/69		.5	.2	1.2	.4	.3	.1											36	36	114	110
68/67	.1	.4	.3	.5	.5	.1												19	19	87	101
66/65		.5	.4	.1		.1												11	11	72	88
64/63		.2	.1	.1														4	4	47	70
62/61		.4																3	3	23	42
60/59																				18	56
58/57		.4																3	3	9	43
56/55		.4																3	3	2	37
54/53																				4	21
52/51																					7
50/49																					7
48/47																					6
46/45																					6
44/43																					5
42/41																					1
TOTAL	.1	.8	1.2	13.3	14.6	14.2	12.4	11.6	6.3	3.8	3.4	1.3	.7	.5	.3			744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3110?67	46659	62.7	16.109	744							
Dry Bulb	4754?3?	59242	79.6	7.643	744			90.0	77.5	48.8	2.4	×3
Wet Bulb	3662682	52?7?	70.0	4.907	744			71.1	33.6	1.1		×3
Dew Point	3163391	46257	64.9	6.701	744			44.4	6.0	.3		×3

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL AP	73-80	AUG
STATION	STATION NAME	YEARS	MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
70 / 69											.1							1	1		
68 / 67									.7	.1								6	6		
66 / 65						.4	.1	.2	.4	.2								15	15		
64 / 63				.1	1.2	.7	1.2	1.2	.4									37	37		
62 / 61			.2	2.3	2.2	.8	1.2	.2										62	62		
60 / 59		.1	1.8	2.3	1.7	1.2	.7	.7										61	61	1	1
58 / 57		.3	.7	1.3	2.3	.8	1.8	.7										56	56	5	
56 / 55		1.1	2.7	2.3	2.4	1.2	.7	.5										83	83	47	9
54 / 53		1.5	4.3	3.8	.7	.7	2.2	.3										99	99	78	34
52 / 51		3.2	3.2	1.7	1.2	1.5	.5	.4	.1									104	104	87	62
70 / 69		1.5	3.4	1.9	2.	.3	.2		.1									70	70	119	80
68 / 67		2.6	2.5	1.7	1.5	.4	.5	.2										75	75	116	93
66 / 65		1.5	1.6	.5	.3		.1											32	32	75	108
64 / 63		.8	.3	.5	.1	.3	.1											18	18	90	76
62 / 61		1.3	.4	.1		.1												10	10	56	66
60 / 59		.1	.3															3	3	31	60
58 / 57		.7																5	5	20	46
56 / 55		.3																2	2	13	51
54 / 53																				5	27
52 / 51																				1	8
50 / 49																					2
48 / 47																					
46 / 45																					6
44 / 43																					1
TOTAL		14.9	23.9	18.5	16.7	9.3	7.1	6.2	1.7	.4	.1							744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4850529	53765	72.4	14.244	744							
Dry Bulb	4275633	54351	73.3	6.067	744			83.6	52.5	19.1		93
Wet Bulb	3413683	50181	67.4	5.070	744			56.6	16.4			93
Dew Point	3061145	47493	63.8	6.308	744			34.9	5.5			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
KANSAS CITY INTL AP — STATION NAME
73-82 — YEARS
AUG — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
104/100															• 1	• 1		5	5		
102/ 99														• 2	• 2			3	3		
100/ 99												• 2	• 1	• 1	• 1			12	12		
98/ 97										• 2	• 1	• 2	• 2	• 1	• 1			33	33		
96/ 95								• 1		• 4	• 4	• 3	• 2	• 1	• 1			66	66		
94/ 93								• 3	• 4	• 5	• 3	• 2	• 1	• 1				109	109		
92/ 91						• 1	• 4	• 3	• 5	• 6	• 5	• 2	• 2	• 1				174	174		
90/ 89					• 1	• 2	• 2	• 2	• 6	• 3	• 4	• 2	• 0	• 0	• 0			196	196		
88/ 87				• 1	• 1	• 5	1.2	1.2	• 7	• 3	• 4	• 2	• 1	• 1	• 1			272	272		
86/ 85			• 2	• 1	• 2	1.4	1.2	1.0	• 6	• 5	• 3	• 0	• 0	• 0				318	318		
84/ 83				• 3	1.2	1.2	1.1	• 9	• 7	• 4	• 1	• 1	• 0					332	332		
82/ 81		• 1	• 2	• 2	1.7	1.0	1.3	• 7	• 5	• 2	• 1	• 0						389	389	14	
80/ 79	• 1	• 1	• 6	1.5	1.3	1.6	• 7	• 7	• 6	• 1	• 1							446	446	92	7
78/ 77	• 1	• 1	1.3	1.6	1.9	1.2	• 6	• 5	• 1	• 1	• 1							431	431	246	19
76/ 75	• 1	• 5	1.9	1.7	1.7	1.0	• 5	• 3	• 1	• 0								474	474	473	112
74/ 73	• 1	• 9	2.5	2.1	• 7	• 7	• 6	• 1	• 1									461	461	760	268
72/ 71	• 2	2.2	3.3	1.4	• 5	• 8	• 3	• 1	• 1									539	539	678	534
70/ 69	• 4	2.6	3.3	1.0	1.1	• 3	• 1	• 1	• 0									509	509	639	739
68/ 67	• 2	2.1	2.1	• 7	• 7	• 2	• 1	• 1										366	366	627	780
66/ 65	• 2	1.6	1.5	• 7	• 2	• 2	• 1											256	256	597	735
64/ 63	• 2	1.6	• 8	• 6	• 1	• 1	• 1											201	201	492	633
62/ 61	• 1	1.4	1.3	• 3	• 1	• 1												170	170	346	472
60/ 59	• 1	• 5	• 6	• 3	• 1													76	76	265	471
58/ 57	• 1	• 7	• 2	• 1	• 1													60	60	164	364
56/ 55	• 1	• 3	• 1	• 1														22	22	106	364
54/ 53		• 1	• 1	• 1														9	9	31	215
52/ 51			• 1															1	1	14	99
50/ 49																				5	42
48/ 47																				3	44
46/ 45																					27
44/ 43																					10
42/ 41																					5
40/ 39																					5
38/ 37																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 | KANSAS CITY INTL AP | 73-80 | AUG
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
TOTAL	1.0	14.6	1.9	12.2	11.7	12.7	7.5	7.4	4.2	3.3	2.6	1.4	.9	.5	.3	.1		5952	5952	5952

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	29821321	407537	68.5	17.953	5952							
Dry Bulb	35207146	454614	76.4	9.016	5952			644.6	467.9	270.3	31.3	744
Wet Bulb	28044123	417177	68.4	5.657	5952			491.1	198.1	6.3		744
Dew Point	24729529	381741	64.1	6.429	5952			306.1	49.5	.4		744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 — STATION
KANSAS CITY INTL AP — STATION NAME
73-80 — YEARS
SEP — MONTH

0000-0230 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
82 / 81							.4											4	4		
80 / 79				.1	.2	.4	.4											12	12		
78 / 77			.1	.2	.1	.2												12	12		
76 / 75		.3	1.2	1.4	1.3				.3									33	33		
74 / 73		.2	1.9	1.3	.1				.1									29	29	9	1
72 / 71		1.3	3.1	2.2	.3			.1	.1									53	53	30	7
70 / 69		2.5	2.6	.9	.4	.4	.2	.1										59	59	52	33
68 / 67	.4	2.4	3.6	1.1	1.1	.4	.3	.1										67	67	66	53
66 / 65	.4	2.5	1.3	1.1	.1	.6	.3	.1										46	46	55	64
64 / 63	.4	3.3	2.4	.7	.2	.4												56	56	54	64
62 / 61		3.1	2.1	1.3	.3													52	52	44	41
60 / 59		1.4	2.2	1.4	.4		.1											45	45	54	45
58 / 57	.1	3.5	2.9	.6	.3	.1												57	57	60	49
56 / 55		2.5	1.8	.7	.3	.3												40	40	73	48
54 / 53	.1	1.4	1.8	1.1	.4	.4	.1											39	39	42	42
52 / 51		1.1	2.4	.6			.1											30	30	29	44
50 / 49		2.4	2.2	1.7														45	45	30	44
48 / 47		1.1	1.3	.4														20	20	52	49
46 / 45		1.3	.4	.3														14	14	28	29
44 / 43		.4	.3	.3														7	7	29	32
42 / 41																				6	29
40 / 39																				3	23
38 / 37																				2	14
36 / 35																					4
34 / 31																					3
30 / 29																					2
28 / 27																					1
26 / 25																					1
TOTAL	1.9	31.3	34.2	17.9	7.5	3.0	2.2	.6	.6									720	720	720	720

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4595481	56777	78.9	12.323	720							
Dry Bulb	2361609	44953	62.4	8.774	720			33.6	11.3	1.1		9
Wet Bulb	2509637	42.79	58.4	8.373	720			19.6	1.1			9
Dew Point	2280776	39542	55.5	9.509	720		1.0	11.4	.1			9

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL MO	73-82	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 77				.1		.3												3	3		
78/ 77				.6	.7	.3	.7											10	10		
76/ 75			1.1	.4	1.7	.1												19	19		
74/ 73		.6	1.3	1.3	.7													24	24	3	
72/ 71		1.9	2.5	.9				.1										34	34	20	5
70/ 69	.4	2.5	4.2	1.1	.4		.7											66	66	41	31
68/ 67	.1	3.7	3.1		.7	.3	.1	.3										59	59	56	47
66/ 65	.4	3.5	1.1	.3	.7	.1	.3											50	50	66	61
64/ 63	.6	4.3	1.3	1.7	.7	.7												56	56	58	65
62/ 61	.3	3.9	1.5	.7	.6	.1												51	51	44	54
60/ 59	.6	2.1	1.7	2.1	.3	.1												49	49	43	45
58/ 57		3.9	3.2	.3	.1	.4												57	57	55	30
56/ 55		3.9	3.6	.1	.3													52	52	56	49
54/ 53		3.9	1.1	1.3														43	43	67	45
52/ 51		1.1	1.1	.3	.1	.1												24	24	44	61
50/ 49		1.9	2.8	.7	.1													37	37	23	47
48/ 47	.1	2.9	1.7	.4		.1												38	38	39	31
46/ 45		1.3	.6	.1	.1													19	19	50	32
44/ 43		1.6	.4		.1													17	17	32	34
42/ 41		.9	.1	.4														10	10	19	38
40/ 39		.1																1	1	6	27
38/ 37		.1																1	1	5	10
36/ 35																				3	7
34/ 33																					1
32/ 31																					1
30/ 29																					4
28/ 27																					2
26/ 25																					1
TOTAL	2.9	44.0	31.9	12.1	5.7	2.4	1.0	.4											720		720
																		720		720	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4976736	59293	82.3	11.577	720							
Dry Bulb	2688735	43527	60.5	8.928	720			26.9	7.0	.1		9
Wet Bulb	2413511	41223	57.3	8.612	720			15.0	.4			9
Dew Point	2231197	39493	54.9	9.534	720		1.0	9.4				9

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO	73-80	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
80 / 79				.3		.1	.1											4	4		
78 / 77			.1	1.1	.1	.3												11	11		
76 / 75			.3	.3	.4	.4												18	18		
74 / 73		.6	1.5	1.1	.4													25	25	5	
72 / 71		2.1	3.2	1.1	.1	.1	.1											48	48	25	7
70 / 69	.1	2.5	3.2	.4	.1	.1	.4											55	55	41	34
68 / 67	.1	3.9	2.9	.1	.1	.4	.1											58	58	72	47
66 / 65	.6	3.5	.6	.4	.1	.1	.1											44	44	54	56
64 / 63	.1	2.3	1.5	1.4	.1	.1												49	49	48	66
62 / 61	.1	4.6	1.7	1.9	.4	.1												68	68	36	43
60 / 59	.1	1.1	2.8	1.5	.1	.3												47	47	49	43
58 / 57	.4	4.1	2.9	.4	.3		.1											64	64	62	32
56 / 55	.1	3.1	1.6	1.1														44	44	72	54
54 / 53		4.6	1.5	1.5	.1													56	56	48	58
52 / 51		1.3	2.4	.3	.1													27	27	59	55
50 / 49		1.7	1.8	.3	.1													28	28	71	50
48 / 47		2.8	1.1	.1														28	28	38	29
46 / 45	.3	1.9			.1													17	17	38	33
44 / 43	.1	1.3	.3															12	12	22	41
42 / 41	.1	1.1	.1	.3														11	11	11	34
40 / 39		.7	.1															6	6	8	18
38 / 37																				6	6
36 / 35																				2	5
34 / 33																					4
32 / 31																					2
30 / 29																					2
28 / 27																					1
TOTAL	3.9	44.2	31.3	13.9	4.3	2.4	1.1												720		720
																		720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5032031	59607	82.9	11.128	720							
Dry Bulb	2713960	43746	60.8	8.927	720			27.4	7.3	.1		9
Wet Bulb	2444273	41503	57.6	8.497	720			17.9	.6			9
Dew Point	2267221	39847	55.3	9.264	720		.6	11.0				9

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL AP	73-80	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
92 / 91								.1										1	1		
90 / 89								.6	.2	.1								6	6		
88 / 87							.4	.6	.1	.1								9	9		
86 / 85						1.3	.6	.4	.1				.1					18	18		
84 / 83					.1	1.0	.4	.3	.1		.3							16	16		
82 / 81				.4	1.0	1.7	.6	.3	.1									29	29		
80 / 79			.3	1.4	1.6	.7	.7	.4	.3	.1								42	42		
78 / 77			.6	.4	1.4	1.3	.4	.3	.3	.3	.1							34	34	4	
76 / 75			1.1	1.3	1.6	1.3	.6	.3	.3									47	47	28	1
74 / 73		.1	1.1	2.2	.4	1.1	.6	.7	.1	.4								52	52	46	6
72 / 71		1.1	2.4	.8	1.6	1.9	1.3	1.3	.3									67	67	50	34
70 / 69		1.3	1.1	.8	1.1	.8	1.3	.3	.1	.1								48	48	52	55
68 / 67		1.4	1.7	.7	2.1	1.0	.6	1.3										55	55	56	63
66 / 65		2.6	1.3	1.1	1.3	.7	1.3	.4										64	64	47	53
64 / 63		2.1	1.9	1.3	1.7	1.3	1.3	.1										59	59	58	41
62 / 61	.1	.3	1.4	1.4	.4	1.1												38	38	60	52
60 / 59		1.9	1.7	1.5	1.4	.8												47	47	64	33
58 / 57		1.7	1.3	.6	1.3	.3												32	32	69	48
56 / 55		1.4	.7	.7	.4	.3												25	25	48	57
54 / 53		.1	.3	.4			.1											10	10	55	57
52 / 51		.7	1.3	.1		.1												14	14	34	35
50 / 49	.1	.4	.1															5	5	26	41
48 / 47		.1			.1													2	2	16	34
46 / 45																				4	28
44 / 43																				1	36
42 / 41																				1	26
40 / 39																				1	13
38 / 37																					7
36 / 35																					2
TOTAL	.3	15.4	15.7	15.8	17.4	15.9	9.3	6.7	2.1	1.3	.4		.1					720		720	
																		720		720	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3512146	48926	68.0	16.148	720			53.0	31.3	12.9		96
Dry Bulb	3497338	49773	69.1	8.879	720			29.5	9.8			93
Wet Bulb	2819532	44714	62.1	7.703	720							
Dew Point	2436724	41394	57.4	9.316	720		.4	19.9	.9			91

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 STATION | KANSAS CITY INTL AP STATION NAME | 73-80 YEARS | SEP MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
98 / 97											.1							1	1		
96 / 95										.4	.1	.3	.1					7	7		
94 / 93									.1	.3	.4	.1						10	10		
92 / 91								.3	.3	.4	.7	.1						21	21		
90 / 89							.3	1.1	.3			.3		.3				18	18		
88 / 87							1.1	1.0	.3	.1		.6	.1	.1				24	24		
86 / 85					.3	.8	1.3	1.9	.6	.3	.3	.1	.6					41	41		
84 / 83				.4	1.3	1.3	.4	1.2	1.2	.2	.7	.1						48	48		
82 / 81				.7	1.3	1.3	1.3	1.4	1.1	.4	.6	.4						60	60		
80 / 79				1.3	1.1	1.5	.4	.4	.7	.7	.6	.1						47	47	3	
78 / 77			.1	1.3	.7	1.4	1.1	1.1	.4	.8	.3	.1						53	53	26	1
76 / 75			1.1	1.4	.4	.7	1.3	1.7	1.7	.1	.4	.1						65	65	49	3
74 / 73		.7	.8	.7	.3	.5	.6	1.7	.7	.1	.1							45	45	60	16
72 / 71		.4	.7	.4	.2	.6	.4	.4	.6	.6								35	35	59	42
70 / 69		.3	1.3	.7	.9	1.0	.7	1.3	1.1	.1								50	50	56	53
68 / 67		.6	1.2	.7	1.1	.3	1.3	1.4	.1									47	47	56	47
66 / 65		.3	.8	1.9	.4	.3	1.4	.7	.1									43	43	46	49
64 / 63		.6	.6	.6	.3	.7	1.3											26	26	64	39
62 / 61		.4	1.1	.4	.2	.9	.4											23	28	58	35
60 / 59		1.0		.6		.3		.1										14	14	76	46
58 / 57		.7	.3	.1	.3			.1										11	11	35	46
56 / 55	.1	.4	.7	.3			.1											12	12	49	59
54 / 53		.7	.4															8	8	44	35
52 / 51		.3	.3															4	4	27	39
50 / 49																				11	42
48 / 47																				2	31
46 / 45																				2	31
44 / 43																				1	34
42 / 41																					26
40 / 39																					21
38 / 37																					9
36 / 35																					1
34 / 33																					1
32 / 31																					1

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO	73-87	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	.1	6.3	7.7	11.1	13.3	11.7	17.5	15.1	9.4	6.3	4.3	2.5	.3	.4				720	723	720	723

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2556966	40976	56.9	17.690	720							
Dry Bulb	4122750	54042	75.1	9.613	720			71.5	55.0	32.3	2.3	93
Wet Bulb	3327952	46356	64.4	7.688	720			37.9	16.3			9
Dew Point	2447942	41363	57.4	9.994	720		.4	21.6	2.5			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 | KANSAS CITY INTL AP | 73-87 | SEP
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1800-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
98 / 97										.1		.?	.1					4	4		
96 / 95										.?		.?						6	6		
94 / 93									.1	1.0	.7		.1					14	14		
92 / 91								.?	.4	.6	.4	.?	.4		.?			22	22		
90 / 89							.?	.?	1.1	.3	.4	.3			.1			23	23		
88 / 87						.4	1.?	.4	2.?	.1	.1	.?	.1	.?				41	41		
86 / 85					.1	1.5	.?	.?	1.3	.6	1.0	.4	.4					46	46		
84 / 83					.?	1.3	.?	.?	1.5	.8	1.5	.4	.1					51	51		
82 / 81				.6	.3	1.1	.?	1.4	1.0	.4	.4	.7	.1					49	49		
80 / 79			.1	.7	.?	.?	1.3	.7	1.5	.7	.4	.4						54	54	3	
78 / 77			.6	1.1	1.1	1.3	.?	.8	.3	1.1	.1	.?						53	53	24	
76 / 75			.3	.?	.7	1.?	.6	1.?	.?	.4	.6							44	44	49	
74 / 73		.1	.?	1.5	.4	.6	.7	.?	.?	.1	.1							44	44	54	21
72 / 71		.3	.7	1.?	.7	.4	.?	.?	1.1	.6								46	46	57	41
70 / 69		.1	.4	.3	.?	.6	.3	1.?	.3	.?								31	31	45	43
68 / 67		.4	.7	1.0	.7	.7	1.?	1.?	1.?									48	48	74	39
66 / 65		.3	1.?	1.0	.?	.6	1.7	.3	.1									39	39	56	53
64 / 63		1.1	.7	.3	.?	1.5	.7											35	35	61	36
62 / 61		.3	.4	.1		.7	.?		.3									21	21	55	52
60 / 59	.1	.4	.3	.4		.1		.1										12	12	66	51
58 / 57	.3	.4	.3	.3	.3													11	11	38	51
56 / 55		.6	.6	.3														10	10	51	43
54 / 53		1.?	.1															14	14	40	33
52 / 51		.3																2	2	37	51
50 / 49																				9	40
48 / 47																				1	32
46 / 45																				2	32
44 / 43																					34
42 / 41																					25
40 / 39																					17
38 / 37																					10
36 / 35																					1
34 / 33																					1
32 / 29																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	73-87	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 2 1500-1700
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
88/ 87																				
TOTAL	.4	6.4	6.9	9.0	7.4	10.5	13.5	10.4	14.2	7.4	5.1	4.3	1.5	.2	.4			720		720
																	720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2401206	39458	54.7	18.458	720							
Dry Bulb	4210171	54563	75.8	10.019	720			72.0	56.4	34.3	7.3	
Wet Bulb	3018220	46362	64.3	7.580	720			38.0	16.3			
Dew Point	2397450	45924	56.3	9.963	720		.4	15.0	2.6			

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | KANSAS CITY [illegible] STATION NAME | [illegible] YEARS | [illegible] MONTH

PART 1 | [illegible] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 91								.1		.1								2	2		
[illegible] / 89							.1	.4	.1	.3	.1	.1						9	9		
88 / 87						.3	.3	.3	.1	.4					.1			11	11		
86 / 85						.3	.3	.6	.1		.3	.1						12	12		
84 / 83					1.0	.7	1.3	.6	.1	.1								27	27		
82 / 81			.1	.1	1.1	1.1	.6	.6	.6	.1	.1		.1					36	36		
80 / 79			.1	1.4	1.7	1.3	.4	.3	.3	.3	.1							44	44		
78 / 77			.6	.7	1.1	.6	.4	.7	.6	.1	.1							40	47	5	
76 / 75		.4	.7	1.3	.6	1.1	.4	.4	.1	.4	.1							46	46	24	1
74 / 73		.6	1.6	1.4	.4	1.4	.7	1.1	.1									52	52	47	16
72 / 71		.4	.1	1.4	1.3	.4	.6	.7	.3	.3								61	61	56	27
70 / 69		.3	1.4	1.6	1.	1.3	.6	.6	.1									48	49	46	43
68 / 67		1.3	1.4	.7	1.3	.8	.3	.6	.7									45	45	50	61
66 / 65		.6	.6	2.2	1.4	1.4	.7	.7										54	54	55	43
64 / 63	.1	1.7	1.8	.7	1.4	.4	.3	.6										50	50	56	43
62 / 61		1.1	1.3	.6	.3	1.7	.6	.3										45	45	60	46
60 / 59	.1	1.9	.4	.3	1.7	1.3	.3											39	39	66	67
58 / 57	.3	.3	.6	1.4	1.1	.8	.1											36	36	56	41
56 / 55		.4	1.7	.6	.7	.1												22	20	36	32
54 / 53		.6	1.3	.8		.1	.1											21	21	44	32
52 / 51		1.4	.7	.1	.3													15	18	54	45
50 / 49		.1	.1	.1	.1													4	4	32	47
48 / 47																				18	37
46 / 45																				5	36
44 / 43																				3	24
42 / 41																				1	27
40 / 39																					22
38 / 37																					6
36 / 35																					3
34 / 33																					1
32 / 31																					1
TOTAL	.1	11.3	15.6	16.4	15.9	14.9	8.9	8.9	2.9	2.2	1.3	.3	.1		.1			720	720	720	720

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3293243	47207	65.6	16.599	720							
Dry Bulb	3543278	50060	69.5	9.340	720			34.1	34.9	15.3		9
Wet Bulb	2803699	44559	61.9	8.303	720			29.8	9.5			9
Dew Point	2375755	40755	56.6	9.786	720		.4	15.1	2.1			9

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	73-77	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 1 2100-2300 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
84 / 83							.1											1	1			
82 / 81					.1	.2	.2											10	10			
80 / 79			.3	.2	1.1	.4												22	22			
78 / 77			.6	1.4	.7	.6	.1	.1	.1		.1							27	27			
76 / 75		.1	1.3	2.2	1.2	.4	.2		.2									46	46	2		
74 / 73		.7	1.5	2.3	.1	1.	.2		.4	.2								52	52	16	3	
72 / 71		1.1	2.3	1.1	1.2	.1	.2	.3										61	61	48	17	
70 / 69		.7	2.2	1.3	1.1	.5	.4	.3										45	45	53		
68 / 67		1.4	2.6	1.0	.7	.6	.3											52	52	65	6	
66 / 65	.1	1.8	2.1	1.5	1.4	.6	.1	.1										50	50	46	22	
64 / 63	.1	3.2	1.8	1.4	1.6	.4	.2											53	53	53	41	
62 / 61	.3	1.7	1.3	1.2	.2		.1											44	44	48	54	
60 / 59	.2	2.1	2.1	.6	.4	.2	.1	.1										47	47	43	45	
58 / 57		1.7	1.9	1.3	1.1	.6	.4											42	42	39	56	
56 / 55		1.3	1.4	2.6	.2	.1												43	43	37	33	
54 / 53		.6	1.3	1.5	.7													31	31	26	31	
52 / 51		1.7	2.1	1.2	.4													39	39	26	46	
50 / 49	.1	1.3	1.2	.7														26	26	51	55	
48 / 47		.4	.4		.2													10	10	47	39	
46 / 45		.1	.1		.1													3	3	25	41	
44 / 43																				9	32	
42 / 41																				2	26	
40 / 39																				3	23	
38 / 37																					9	
36 / 35																					3	
34 / 33																					5	
32 / 31																					4	
30 / 29																					2	
TOTAL	1.0	21.4	25.2	23.2	14.5	6.0	4.3	1.2	.9	.3	.1							720		720	724	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	4113204	73436	74.7	14.316	720							
Dry Bulb	3068949	46598	64.7	9.731	720			39.5	19.9	2.4		
Wet Bulb	2639285	42309	58.6	8.229	720			23.3	2.5			
Dew Point	2311997	40235	55.9	9.649	720		.5	16.3	.4			

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	73-8	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
102 / 97										•1	•0	•0	•0					5	5		
96 / 95										•1	•0	•1	•0					13	13		
94 / 93									•0	•0	•1	•0	•0					34	34		
92 / 91								•0	•0	•1	•1	•1	•1		•0			46	46		
90 / 89							•0	•0	•0	•1	•1	•1		•0	•0			56	56		
88 / 87						•1	•0	•0	•0	•1	•0	•2	•0	•1	•0			85	85		
86 / 85					•2	•0	•0	•0	•0	•0	•2	•1	•1					117	117		
84 / 83				•1	•0	•0	•0	•0	•0	•0	•3	•1	•0					143	143		
82 / 81			•0	•0	•0	•0	•0	•0	•0	•1	•1	•1	•0					166	166		
80 / 79			•1	•0	•0	•0	•0	•0	•0	•2	•1	•1						228	228	6	
78 / 77			•0	•0	•0	•0	•0	•0	•0	•0	•1	•1						240	240	59	1
76 / 75		•1	1•0	1•0	1•0	•0	•0	•0	•0	•1	•1	•0						318	318	152	5
74 / 73		•0	1•0	1•0	•0	•0	•0	•0	•0	•1	•0							323	323	232	63
72 / 71		1•0	2•0	1•1	•0	•0	•0	•0	•0	•0								405	405	345	174
70 / 69	•1	1•0	2•0	•0	•0	•0	•0	•0	•0	•1								432	432	398	338
68 / 67	•1	1•0	2•1	•0	•0	•0	•0	•0	•0									431	431	447	416
66 / 65	•0	1•0	1•1	1•0	•0	•0	•0	•0										396	396	426	429
64 / 63	•0	2•0	1•0	•0	•0	•0	•0	•1										396	396	452	397
62 / 61	•0	2•0	1•0	1•0	•0	•0	•0	•0	•0									347	347	407	382
60 / 59	•0	1•0	1•0	1•1	•0	•0	•1	•1										330	330	471	368
58 / 57	•1	2•0	1•0	•0	•0	•0	•1	•0										310	310	444	351
56 / 55	•1	1•0	1•0	•0	•0	•1	•0											246	246	442	403
54 / 53	•1	1•0	1•0	•0	•0	•1	•1											222	222	366	353
52 / 51		•0	1•0	•0	•1	•0	•0											158	158	315	379
50 / 49	•1	1•0	1•0	•0	•1													145	145	213	361
48 / 47	•1	•0	•0	•1	•1	•0												98	98	213	282
46 / 45	•1	•0	•1	•1	•1													53	53	154	261
44 / 43	•1	•0	•1	•0	•0													36	36	87	267
42 / 41	•1	•0	•0	•1														21	21	42	252
40 / 39		•0	•0															7	7	21	167
38 / 37		•0																1	1	13	79
36 / 35																				5	31
34 / 33																					14
32 / 31																					11

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY DIVISION
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL AP	73-75	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — ALL HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
30 / 32																					a
27 / 29																					b
24 / 26																					c
TOTAL	1.4	12.[illegible]	21.3	14.9	10.4	[illegible]	6.4	5.4	3.9	2.2	1.5	.8	.3	.1	.1			5760	5760	5760	
																		5760	5760		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	304[illegible]3733	405677	70.4	18.220	5760							
Dry Bulb	267[illegible]8540	387268	67.2	10.778	5760			378.0	223.2	96.6	5.2	7[illegible]
Wet Bulb	216425[illegible]7	349645	61.7	8.522	5760			208.9	56.1			7[illegible]
Dew Point	1[illegible]74306[illegible]	323[illegible]22	56.2	9.666	5760		4.9	124.6	8.6			7[illegible]

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
AIR WEATHER SERVICE / MAC

PSYCHROMETRIC SUMMAR

13947 | KANSAS CITY INTL AP | 73-8[illegible] | OCT

STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0[illegible]-0[illegible]

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po
78 / 77											.1							1	1		
76 / 75					.1	.3												3	3		
74 / 73			.1	.3		.3	.1				.1							7	7		
72 / 71			.7	.7	.4	.6	.1		.1	.1								19	19		
70 / 69		.3		.1	.4		.1											7	7	5	
[illegible] / 67	.3		.4	.4	.3	.3	.3	.1										17	17	12	7
66 / 65	.1	.3		.3	.2	.5	.1		.1									17	17	4	[illegible]
64 / 63	.7	.3	.5	1.2	.1		.1	.3										25	25	15	[illegible]
62 / 61		1.9	1.5	1.3	.7	.5	.3	.1										47	47	22	15
60 / 59	.1	1.2	2.3	.9	1.1	.4	.1	.1										47	47	20	13
[illegible] / 57		2.7	1.3	1.9	.5	.5	.5											56	56	52	19
56 / 55		3.4	1.6	1.6	1.1	.5	.3											65	65	49	43
54 / 53	.1	1.1	.3	1.3	1.2	.7	.3											41	41	34	24
52 / 51		3.1	1.3	1.1	1.2	.3												56	56	43	36
50 / 49	.4	1.3	1.0	2.3	1.3	.3												56	56	44	45
48 / 47		1.3	1.1	2.2	.7	.1												43	43	54	4[illegible]
46 / 45		.9	1.6	2.6	.3													40	40	53	37
44 / 43		.4	2.6	2.1	.3													39	39	43	37
42 / 41		2.3	1.4	.9														36	36	55	39
40 / 39		3.2	3.1	.3	.3													54	54	64	33
38 / 37	.9	1.5	1.1	.9														30	30	58	64
36 / 35		.8	.7	.3														13	13	28	72
34 / 33		1.3	.4															13	13	31	52
32 / 31		.3	.7															4	4	14	07
30 / 29		.7																5	5	5	23
28 / 27		.4																3	3	7	11
26 / 25																				2	19
24 / 23																					[illegible]
22 / 21																					[illegible]
20 / 19																					[illegible]
TOTAL	1.9	29.4	24.3	23.3	17.4	6.7	2.4	.7	.3	.1	.3							744	744		744
																		744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4066779	53423	72.3	15.262	744							
Dry Bulb	2060139	38451	51.7	9.901	744		1.5	6.8	1.4			9
Wet Bulb	1719934	35120	47.2	9.144	744		3.5	2.1				5
Dew Point	1425[illegible].3	31617	42.5	10.498	744		17.4	.9				5

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL[illegible] AL CLIMATOLOGY [illegible]
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | KANSAS CITY INTL [illegible] STATION NAME | 7[illegible]-8[illegible] YEARS | OCT MONTH

PAGE 1 0300-0500 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
76 / 75					.1													1	1		
74 / 73					.1													2	2		
72 / 71			.2							.2								6	5		
70 / 69		.4	.5	.2	.2	.4												17	17		
68 / 67			.1	.4	.1	.1	.2	.1										9	9	13	3
66 / 65		.5		.2	.1	.2	.1											10	10	4	2
64 / 63	.4	.8	.1	.2	.2	.1	.1											24	22	12	6
62 / 61		1.3	1.2	.3	.2	.2												31	31	19	15
60 / 59		1.6	2.0	1.3	.4	.4												43	43	16	8
58 / 57		2.1	1.7	.4	.2	.2												49	49	35	<1
56 / 55		2.4	2.3	.2	.3	.2	.4											57	57	51	33
54 / 53	.3	1.2	1.2	1.3	.3	.4	.3											36	38	52	42
52 / 51	.4	2.4	2.6	1.2	.2	.2	.1											68	68	37	41
50 / 49	.3	1.6	2.6	1.2	.3	.1												55	55	56	49
48 / 47	.1	2.2	.9	1.6	.2	.3												47	47	51	37
46 / 45	.1	1.2	2.2	1.6	.1													43	43	55	35
44 / 43		.9	2.6	2.2	.1													45	45	51	35
42 / 41		2.1	2.0	.1	.1													32	32	44	44
40 / 39	.3	2.3	3.5	.5	.2													53	53	60	44
38 / 37	.4	3.2	1.3	.4														40	40	55	50
36 / 35		3.1	1.1															30	30	44	54
34 / 33	.3	2.2	.5	.4														25	25	49	42
32 / 31	.1	.5	.4															8	8	16	91
30 / 29	.1	.4	.1															5	5	13	23
28 / 27		.3																2	2	4	26
26 / 25		.4																3	3	3	14
24 / 23		.1																1	1	4	7
22 / 21																					6
20 / 19																					2
18 / 17																					1
TOTAL	2.3	35.6	31.5	17.1	7.5	4.7	1.2	.1		.2								744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4435723	56475	75.9	14.155	744
Dry Bulb	1899196	36364	48.5	9.888	744
Wet Bulb	1627676	34106	45.8	9.296	744
Dew Point	1383199	31113	41.8	10.512	744

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.		2.4	4.6	.4			[illegible]
Dry Bulb		5.0	1.6				[illegible]
Wet Bulb		21.3	.4				[illegible]
Dew Point							[illegible]

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	73-80	OCT
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0000-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73				.1	.1													4	4		
72/ 71		.3	.4	.1	.1													7	7		
70/ 69		.3	.1		.4			.1										11	11	3	
68/ 67		.1		.4	.1			.1										9	9	8	5
66/ 65		.1	.3	.5		.3	.1											10	10	7	7
64/ 63		1.2	.4	.7	.3													21	21	6	3
62/ 61	.1	.9	1.3	.4	.2													26	26	20	15
60/ 59	.1	2.3	1.5	.3	.1	.3												42	42	21	11
58/ 57	.1	3.3	1.5	1.1	.7	.5	.1											52	52	36	24
56/ 55		1.7	2.6	.8	.7	.7	.7											47	47	50	35
54/ 53	.9	2.2	1.3	1.5	.7	.1	.3											52	52	53	42
52/ 51	.7	2.7	2.7	1.5	.1	.7												59	59	35	39
50/ 49		2.1	3.1	1.5	.7	.1	.3											62	62	43	42
48/ 47		1.9	2.1	1.6	.4	.3												45	45	59	26
46/ 45		1.3	3.9	1.7														52	52	57	45
44/ 43	.1	1.9	2.6	1.9	.7													44	44	44	32
42/ 41	.3	2.2	2.3	.7	.1													41	41	68	46
40/ 39	.1	2.3	2.2	.4	.2													38	38	54	56
38/ 37	.4	3.6	1.2															39	39	50	56
36/ 35	.3	3.2	1.2	.1														36	36	46	45
34/ 33		2.1	.5	.2														21	21	29	33
32/ 31	.1	1.6																13	13	16	15
30/ 29	.3	.3	.3															6	6	17	19
28/ 27		.4	.1															4	4	5	25
26/ 25		.4																3	3	3	11
24/ 23																				3	6
22/ 21																					3
20/ 19																					0
18/ 17																					1
TOTAL	3.6	37.9	32.3	15.2	7.7	2.2	1.1	.3											744		744
																		744		744	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	4600344	57654	77.3	13.385	744							
Dry Bulb	1369585	36565	49.2	9.741	744		3.3	3.9	.5			7.3
Wet Bulb	1622929	34155	45.9	9.264	744		5.8	1.4				7.2
Dew Point	1397102	31300	42.1	10.397	744		19.4	.6				6.2

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	73-82	OCT
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83								.1										1	1		
82/ 81							.2		.1									3	3		
80/ 79							.2	.1	.1	.2								5	5		
78/ 77					.1	.4		.1	.3	.1								9	9		
76/ 75			.1	.2	.2	.2	.1	.4										11	11		
74/ 73			.4	.4	.1	.2	.1	.3	.2	.2								19	19		
72/ 71			.3	.3	.4	.2	1.1	.4	.2	.1	.1							28	28	2	
70/ 69			.1	.3	.3	.3	.2	.4										23	23	16	2
68/ 67			.3	.3	1.2	1.3	.4	.7	.4									39	39	11	5
66/ 65		.3	.5	1.3	.2	1.5	.2	.3	.4	.3								45	45	7	6
64/ 63		.3	.3	1.5	.2	1.3	1.1	.1	.1									42	42	23	11
62/ 61		1.5	1.3	1.5	.7	2.1	1.6	.9	.1									72	72	39	12
60/ 59		2.2	.7	.8	1.7	1.6	.4	.1	.3									55	55	56	20
58/ 57	.2	2.2	.4	1.2	1.1	1.7	.7	.5										66	66	67	38
56/ 55	.3	1.1	.2	1.1	2.1	.9	.5	.1										47	47	53	51
54/ 53	.4	.9	.7	1.6	1.6	1.2	1.1	.1										57	57	47	52
52/ 51	.1	.2	.9	2.4	2.1	.7	.7											57	57	58	40
50/ 49		.9	.7	1.9	2.2	.4												42	42	66	28
48/ 47		.5	.7	1.3	.4	.4												25	25	58	32
46/ 45		.4	.5	1.1	.1													19	19	61	46
44/ 43		.7	1.2	.2	.1													24	24	49	43
42/ 41	.2	.4	1.1	.3	.1													22	22	47	57
40/ 39	.3	.4	.5	.2														13	13	37	56
38/ 37		.2	.7	.1														13	13	17	44
36/ 35	.1	.1	.4															5	5	22	44
34/ 33		.1	.1															2	2	8	52
32/ 31		.1																1	1	5	35
30/ 29																				1	23
28/ 27																					10
26/ 25																					19
24/ 23																					5
22/ 21																					5
TOTAL	1.7	14.9	12.2	19.2	17.3	16.1	9.7	5.1	2.4	1.1	.1							744		744	
																		744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3177231	46795	62.9	17.746	744
Dry Bulb	2540770	42903	57.6	9.665	744
Wet Bulb	1968921	37759	50.8	8.404	744
Dew Point	1823319	32761	44.1	10.341	744

Mean No. of Hours with Temperature						
	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.							93
Dry Bulb		.1	17.1	5.9	.9		93
Wet Bulb		.2	2.9				93
Dew Point		12.8	.9				93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 STATION | KANSAS CITY INTL MO STATION NAME | 73-82 YEARS | OCT MONTH

PAGE 1 | 1200-1400 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91														.3				2	2		
90/ 89														.1				1	1		
88/ 87										.1	.3	.1		.7				9	9		
86/ 85									.1	.1	.4							8	8		
84/ 83					.1			.4	.1			.4	.1					9	9		
82/ 81					.1		.2	.1	.1		.5	.3						11	11		
80/ 79					.1	.3			.4	.4	.5	.2	.1					16	16		
78/ 77				.4	.2	.1	.3	.2	.3	.7	.1							27	27		
76/ 75				.1	.3	.2	.2	2.3	.2	.4	.3							41	41	1	
74/ 73				.3	.2	1.1	1.2	1.1	.9	.7	.1	.4						51	51	2	
72/ 71				.3	1.3	.7	.8	.7	.7	.5	.3	.1						40	40	6	2
70/ 69			.2	.3	.3	.7	.9	1.6	.7	.4	.4							50	50	17	4
68/ 67			.8	.4	1.2	.5	1.1	1.2	.9	.3	.1							50	50	8	2
66/ 65		.4	.5	.7	.3	.3	2.7	1.9	1.3		.1							63	63	38	7
64/ 63		.4	.2	.5	.4	.8	1.3	.9	1.3	.4								51	51	48	10
62/ 61		1.1	.4		.1	.8	1.1	1.2	.3									41	41	69	25
60/ 59		.9	.4	.3	.2	1.1	1.6	.9	.3									47	47	67	30
58/ 57		1.2	.1	.5	.7	1.9	1.2	.9	.1									56	56	46	35
56/ 55	.4	.7		.3	.2	1.6	1.3	.4										46	46	46	49
54/ 53	.1	1.3	.4	.5	.2	1.2	.5											37	37	62	39
52/ 51	.1		.1	.5	.2	.7	.1											18	18	46	41
50/ 49			.1	.4	.2	.3												12	12	62	31
48/ 47		.1	.2	.4	.2	.3												13	13	55	33
46/ 45		.1	.3	.3	.4	.5												12	12	57	39
44/ 43	.1	.4	.2	.4	.1													10	10	35	41
42/ 41		.3	.4	.3														7	7	24	54
40/ 39		.2	.4	.3														10	10	10	55
38/ 37		.4																3	3	16	36
36/ 35	.1	.3																3	3	11	44
34/ 33																				3	41
32/ 31																					44
30/ 29																					16
28/ 27																					2
26/ 25																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 | KANSAS CITY INTL AP | 73-6 | OCT
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1200-1400
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
24/ 23																					4
22/ 21																					1
TOTAL	• 1	5.5	5.3	7.4	12.1	13.4	14.7	15.3	9.3	4.8	3.2	1.6	• 1	1.1				744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	2279333	38645	51.9	19.152	744			39.4	21.9	6.1		67
Dry Bulb	3151272	47762	64.2	10.541	744			4.3	.4			5
Wet Bulb	2211362	40093	53.9	8.336	744							0
Dew Point	1566717	33163	44.5	10.574	744		14.5	1.0				23

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO	73-80	OCT
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1500-1700
HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
72 / 71														.3	.4			5	5		
70 / 69														.1	.1			2	2		
69 / 67										.1	.3			.4	.1			7	7		
68 / 65							.1		.1	.7		.1	.3	.1				8	8		
66 / 63						.1	.1	.2	.2	.1	.1	.3	.4					15	15		
64 / 61						.1		.3		.9	.5	.7	.1					20	20		
62 / 59						.2		.1	.2	.3	.5		.3					17	17		
60 / 57				.1	.1	.1	.3	.7	.3	.5	.1							27	27		
58 / 55			.3	.1	.7	.4	.4	1.6	1.5	.7	.4	.3						44	44		
56 / 53					.2	1.5	1.6	1.3	.9	.6	.5	.4						55	55	4	
54 / 51			.4		1.1	.4	1.2	.4	.3	.7		.4						41	41	4	1
52 / 49			.3	.5	.7	.9	.5	.7	1.2	.7	.4							44	44	19	4
50 / 47		.1	.4	.5	1.3	.8	.3	1.3	1.9	.1	.4							54	54	15	5
48 / 45		.3	.5	.9	.1	.1	1.3	1.5	1.2	.7								53	53	30	14
46 / 43		.2	.3	.1	.4	.1	1.2	.3	1.6	.1								41	41	58	8
44 / 41		1.5	.4	.3	.5	.3	1.9	1.6	.3	.3								56	56	74	17
42 / 39		.3	.1	.3	.4	1.7	1.2	1.5										44	44	78	36
40 / 37	.1	1.2	.1	.3	.5	1.6	2.3	.2	.1									53	53	30	36
38 / 35	.4	.5	.3	.1	.4	1.9	1.3	.4										40	40	45	39
36 / 33		1.2		.3	.3	.9	1.1	.3										34	34	64	31
34 / 31		.3	.1	.3	.7	.4	.4											16	16	60	55
32 / 29		.1		.7	.3													8	8	55	31
30 / 27		.3	.1	.7	.2	.5												18	18	59	25
28 / 25		.4	.4		.7	.4												14	14	64	29
26 / 23		.2	.1	.4	.3													10	10	29	36
24 / 21		.1	.4	.1														5	5	21	41
22 / 19		1.2	.1															10	10	17	50
18 / 17																				20	67
16 / 15	.3	.1																3	3	6	55
14 / 13																					57
12 / 11																					39
10 / 09																					26
08 / 07																					16
06 / 05																					16

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 STATION | KANSAS CITY INTL WO STATION NAME | 73-[illegible] YEARS | OCT MONTH

PAGE [illegible] | 15[illegible]-17[illegible] HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
24/ 23																				7
22/ 21																				[illegible]
20/ 19																				[illegible]
TOTAL	•	9.3	4.[illegible]	[illegible]	1[illegible]	12.[illegible]	15.[illegible]	14.2	1[illegible].3	5.[illegible]	[illegible].4	2.2	1.1	.[illegible]	.7			744		744
																	744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2131345	37033	49.8	19.628	744							
Dry Bulb	3228921	48353	65.0	10.745	744			42.4	25.[illegible]	7.8		[illegible]
Wet Bulb	2217303	40135	53.9	8.360	744			[illegible].3	.[illegible]			[illegible]
Dew Point	1522793	32625	43.9	11.137	744		14.4	1.3				[illegible]

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	73-80	OCT
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 86													.1					1	1		
82/ 81								.4		.1								4	4		
80/ 79					.1	.1	.4	.1		.1	.1							8	8		
78/ 77					.1		.2		.1	.3		.1						18	18		
76/ 75			.1	.1	.3				.2	.4								9	9		
74/ 73			.1	.3	.1	.3	.7	.3	.4	.1	.1							18	18		
72/ 71			.4	.4	.7	.1	.3	.3	.1	.1	.3							27	27	2	1
70/ 69		.4	.4	.3	.5	.9	.3	.3	.5	.1								28	28	5	
68/ 67			.7	.1	1.2	1.7	.5	.5	.2									40	40	23	7
66/ 65		.8	.5	2.1	1.4	.3	.7	.7	.5	.3								55	55	9	15
64/ 63		.7	1.5	.9	1.5	.9	.5	.5	.5	.1								54	54	25	15
62/ 61		1.5	1.2	.9	.5	.5	1.6	1.1	.5									59	59	27	11
60/ 59		2.1	.7	.5	.4	1.3	.8	.7										51	51	67	23
58/ 57		.7	.7	.2	.7	2.4	1.6											51	51	70	38
56/ 55	.1	1.2	.3	.9	.4	1.6	.9	.1										45	45	77	43
54/ 53	.4	1.5	.5	1.1	2.0	1.5	.5	.1										61	61	51	37
52/ 51		.5	.5	.9	2.3	2.3	.4											50	50	42	47
50/ 49		.3	.7	2.1	1.8	.5	.1											41	41	55	42
48/ 47		.3	.3	1.7	1.2	.5												35	35	58	17
46/ 45		.8	1.1	1.5	.9	.1												33	33	64	34
44/ 43		.3	.5	.3	.1	.1												16	16	61	29
42/ 41		.1	1.2	.1	.1													15	15	57	43
40/ 39		.3	.3	.4														15	15	32	46
38/ 37	.7	.7	.1	.3														10	10	30	52
36/ 35	.1	.1	.4															5	5	13	55
34/ 33			.3															2	2	9	59
32/ 31			.1															1	1	5	65
30/ 29																				1	22
28/ 27																				1	13
26/ 25																					11
24/ 23																					12
22/ 21																					4
20/ 19																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	73-82	OCT
STATION	STATION NAME	YEARS	MONTH

PAGE 2 1800-2000 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
TOTAL	.4	13.9	17.2	16.7	19.5	17.2	11.	5.4	2.4	1.7	.5	.1	.1					744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2757798	44946	60.4	18.368	744							
Dry Bulb	2573349	43139	58.0	9.347	744		.1	13.1	6.3	1.1		
Wet Bulb	1956635	37021	50.6	8.705	744		.9	3.8				
Dew Point	1478346	32142	43.2	11.528	744		17.4	1.0				

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23547	KANSAS CITY INTL AP	73-82	OCT
STATION	STATION NAME	YEARS	MONTH

PAGE 1 2100-2300
HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
80 / 79							.1											1	1		
78 / 77						.1	.4											4	4		
76 / 75				.1	.3		.1											4	4		
74 / 73			.3	.7			.3		.4		.1							10	10		
72 / 71			.5	.5	.1	.3	.7	.1	.1		.3							20	20		
70 / 69				.1	1.2	.5	.7	.1	.1									18	18	7	
68 / 67				.3	.4	.3	.5	.1	.3	.1								22	22	5	6
66 / 65		.3	.1			.4	.4											13	13	6	4
64 / 63		1.4	.7	2.6	.3	.5	.5	.7	.1									56	56	15	7
62 / 61		1.3	1.3	1.7	1.2	.5	.4	.5										52	52	33	17
60 / 59	.1	2.2	1.4	1.5	.4	.5	.9	.3										63	63	25	16
58 / 57		1.3	1.6	1.2	1.2	.2	.4											50	50	65	26
56 / 55		1.2	.5	.5	1.1	.9	.3											36	36	51	47
54 / 53	.1	3.1	.5	2.3	1.7	.7	.3											64	64	58	48
52 / 51	.1	.3	1.1	2.4	2.2	1.1	.3											53	53	43	44
50 / 49	.1	.4	1.5	1.5	2.3	.3	.1											46	46	48	39
48 / 47		.5	1.2	1.7	2.2	.3												44	44	52	29
46 / 45		.7	1.3	2.3	.3													42	42	67	33
44 / 43		.8	2.1	.3	.3	.1												38	38	41	24
42 / 41	.1	1.5	2.7	.9	.1													41	41	68	43
40 / 39		.7	1.2	.7	.4													22	22	67	51
38 / 37	.4	.5	.4	.7														15	15	34	45
36 / 35		.3	.3	.1														9	9	20	74
34 / 33		.4	.3															9	9	19	64
32 / 31		.4	.1															4	4	11	56
30 / 29			.1															1	1	7	27
28 / 27																				1	6
26 / 25																					22
24 / 23																					9
22 / 21																					4
20 / 19																					4
TOTAL	1.1	19.8	11.9	23.4	14.3	7.8	6.7	1.5	1.1	.1	.4								744		744
																		744		744	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3609307	302161	67.7	16.299	744							
Dry Bulb	2239955	40179	54.3	9.715	744		.6	9.9	2.4			93
Wet Bulb	1506442	36168	48.5	8.820	744		2.4	1.9				93
Dew Point	1445620	31452	42.3	10.504	744		15.8	.8				93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 — STATION
KANSAS CITY INTL MO — STATION NAME
73-80 — YEARS
OCT — MONTH
PAGE 1
ALL — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
96 / 91														.1	.1			7	7		
90 / 87																		3	3		
88 / 87										.2	.1	.2		.1	.			16	16		
86 / 85							.1		.1	.1	.1	.2	.1					17	17		
84 / 83					.	.	.	.1	.1	.	.	.1	.1					25	25		
82 / 81					.	.	.1	.1	.	.1	.1	.1	.					38	38		
80 / 79					.	.1	.1	.1	.	.1	.2	.	.1					47	47		
78 / 77				.1	.2	.1	.2	.2	.	.2	.1	.						77	77		
76 / 75			.1	.1	.	.2	.	.	.	.1	.1	.						113	113	1	
74 / 73			.1	.2	.	.5	.2	.4	.4	.2	.1	.1						166	166	6	
72 / 71		.1	.4	.	.	.4	.	.	.	.	.1	.1						195	195	14	4
70 / 69		.2	.4	.2	.7	.5	.3	.4	.3	.2	.1							198	198	66	18
68 / 67	.1	.1	.	.	.	.	.	.	.	.1	.1							240	240	98	40
66 / 65	.1	.4	.	.	.	.	.	.	.	.2	.							266	266	95	69
64 / 63	.1	.2	.6	1.0	.	.	.	.4	.	.1								312	312	201	63
62 / 61	.	1.3	1.1	.9	.	.	.	.	.	.								364	364	303	130
60 / 59	.1	1.0	1.1	.	.	1.0	.	.	.1									392	392	353	157
58 / 57	.1	1.9	.9	.9	.	1.7	1.0	.	.									433	433	404	238
56 / 55	.2	1.5	1.1	.8	1.1	1.1	.	.1										393	393	394	341
54 / 53	.	1.5	.6	1.3	1.2	.	.	.1										384	384	441	352
52 / 51	.2	1.4	1.1	1.4	1.	.	.											394	394	394	345
50 / 49	.1	.	1.4	1.4	1.3	.	.1											322	322	411	367
48 / 47	.	1.0	.	1.4	.	.												270	270	446	239
46 / 45	.	.	1.5	1.4	.4	.1												255	255	473	291
44 / 43	.	.	1.6	1.1	.	.												226	226	356	281
42 / 41	.1	1.1	1.5	.4	.													199	199	384	360
40 / 39	.1	1.4	1.5	.	.													215	215	341	391
38 / 37	.	1.4	.6	.														150	150	280	412
36 / 35	.1	1.1	.	.1														104	104	192	447
34 / 33	.	.6	.3	.1														72	72	158	411
32 / 31	.	.4	.1															31	31	69	472
30 / 29	.1	.2	.1															17	17	44	179
28 / 27		.1	.															9	9	16	154
26 / 25		.1																6	6	8	124

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO	73-[illegible]	OCT
STATION	STATION NAME	YEARS	MONTH

PAGE [illegible] ALL
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
34/ 33		.1															1	1	7	52
32/ 31																				50
30/ 17																				33
16/ 17																				2
TOTAL	1.[illegible]	21.[illegible]	1 .2	15.[illegible]	10.[illegible]	[illegible].9	[illegible].[illegible]	[illegible].[illegible]	3.[illegible]	1.[illegible]	1.0	.[illegible]	.2	.[illegible]	.1			[illegible]952			5952
																	5952		5952	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	27250[illegible]62	385[illegible]52	64.[illegible]	10.478	5952							
Dry Bulb	19563[illegible]05	334233	56.2	11.553	5952		8.0	142.1	63.6	19.8		744
Wet Bulb	15133[illegible]62	294054	49.6	9.317	5952		18.[illegible]	23.1	.9			744
Dew Point	11737[illegible]34	256[illegible]32	43.1	10.698	5952		132.3	6.3				744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	73-80	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
66 / 65					•		•	•1										5	5		
64 / 63			•5		•1	•4												5	8		
62 / 61		•3	•7	•5														11	11		
60 / 59	•1	1•3	•7	•3		•4	•7											26	26	11	3
58 / 57	•4	•3	•7	•1	•1	•4	•1											16	16	16	11
56 / 55	•3	1•7	•4	•3	•3	•1	•1											23	23	22	15
54 / 53	•6	1•9		•4	•4	•4												23	23	21	17
52 / 51		1•3	•5	•4	•4	•1												20	20	14	22
50 / 49	•3	1•3	•7	•6	•3	•1												23	23	16	22
48 / 47		1•3	•1	1•4	•4	•1												22	22	27	14
46 / 45	•1	1•3	1•3	1•3	1•7	•1												43	43	21	13
44 / 43		1•3	2•1	3•2	•4	•1												62	62	24	12
42 / 41		2•5	•9	2•1	•7													45	45	39	27
40 / 39		4•1	2•2	1•7	•4													61	61	54	14
38 / 37	•1	1•4	1•8	2•1														39	39	75	45
36 / 35	•1	1•4	2•5	•8														37	37	79	41
34 / 33		2•3	1•5	1•5														42	42	61	33
32 / 31	•1	3•3	3•5	•7														55	55	55	55
30 / 29	•3	3•9	1•5	•1														42	42	46	53
28 / 27		3•4	1•1	•3														37	37	57	51
26 / 25	•1	2•6	•4															23	23	44	44
24 / 23		1•4	•3															12	12	27	21
22 / 21	•1	1•1	•4															12	12	13	66
20 / 19	•1	•7																6	6	11	38
18 / 17		•4	•1															4	4	5	37
16 / 15	•1	•6																5	5	7	25
14 / 13																				2	4
12 / 11		•4																3	3	1	12
10 / 9		•7																5	5	4	4
8 / 7		•6																4	4	4	
6 / 5		•1																1	1	4	5
4 / 3																					3
2 / 1																					1
0 / -1																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL AP 73-82 NOV
STATION STATION NAME YEARS MONTH

PART 2 0000-0300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
-1 / -3																				
TOTAL	7.1	43.6	25.[illegible]	13.[illegible]	[illegible]	2.5	.[illegible]	.1										720	720	720

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3946662	523[illegible]	72.7	14.275	720							
Dry Bulb	1229415	26571	36.9	11.536	720		26.1					90
Wet Bulb	1034704	26153	36.3	10.825	720		35.5					93
Dew Point	[illegible]0643	22431	31.2	12.257	720	.9	53.3					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 | KANSAS CITY INTL MO | 73-80 | NOV
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0300-0500
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86 / 66				.1														1	1		
64 / 63		.1		.4	.4	.3												9	9		
62 / 61		.6	.5	.3		.1												11	11	4	3
61 / 59	.3	1.3	1.1	.4	.1													21	21	7	4
59 / 57	.1	.6	.6	.7		.4												17	17	16	7
58 / 55	.7	.7	.3	.1	.1	.4												17	17	12	10
54 / 53	.3	1.3	.6	.4	.1													19	19	16	13
52 / 51	.4	1.1	.1	.6	.1	.4												20	20	24	19
50 / 49	.1	1.1	.1	.6	1.													21	21	9	14
48 / 47	.3	3.2	.4	.8	.3	.3												38	38	22	17
46 / 45		.7	.3	1.5	.3													30	30	28	21
44 / 43		.7	1.8	2.9	.1													40	40	16	14
42 / 41		2.9	1.4	1.4	.3													43	43	31	17
40 / 39	.1	3.9	3.2	1.7	.4													65	65	47	24
38 / 37		4.2	2.6	1.9														63	63	60	29
36 / 35		2.4	1.1	.3														26	26	60	43
34 / 33	.1	2.2	1.5	1.1														36	36	52	45
32 / 31		4.4	3.1	.7														59	59	40	38
30 / 29	.6	3.2	3.2	.1														51	51	48	53
28 / 27	.3	4.9	1.1															45	45	58	47
26 / 25	.6	2.6	.7															28	28	64	45
24 / 23		1.9	.1															15	15	27	21
22 / 21	.3	1.5	.3															15	15	16	58
20 / 19	.3	2.2																18	18	19	46
18 / 17	.1	.3																3	3	11	35
16 / 15		.6																4	4	3	31
14 / 13		.4																3	3	6	9
12 / 11																					13
10 / 9	.1	.3																3	3	3	7
8 / 7	.1	.3																3	3	3	
6 / 5		.3																2	2	1	3
4 / 3	.1	.4																4	4	5	5
2 / -1																					2
-2 / -3																					4

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 | KANSAS CITY INTL AP | 73-8[illegible] | NOV

STATION | STATION NAME | YEARS | MONTH

PAGE [illegible] | 2300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	[illegible]	142.4	224.[illegible]	215.1	[illegible]	1.9												720	[illegible]23	720	[illegible]2[illegible]

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4235928	54204	75.3	13.200	720							[illegible]
Dry Bulb	1145155	27453	38.1	11.698	720		31.6					[illegible]
Wet Bulb	982316	25378	35.2	11.333	720		38.0					[illegible]
Dew Point	786105	[illegible]2[illegible]72	30.7	12.346	720	.8	54.9					[illegible]

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23547	KANSAS CITY INTL AP	73-80	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0600-0900 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
68 / 65				• 1														2	2		
64 / 63		• 3	• 4	• 1														6	6		
62 / 61		• 4	• 3	• 2	• 1													19	19	4	1
60 / 59	• 3	1 • 4																12	12	11	7
58 / 57	• 1	• 4		• 4	• 1	• 1												10	10	16	11
56 / 55	• 3	1 • 1	• 1	• 1	• 1	• 4												20	20	14	13
54 / 53	• 1	1 • 3	• 1	• 5	• 4													22	22	19	16
52 / 51	• 1	1 • 4	• 4	• 3	• 3													16	18	15	17
50 / 49	• 1	• 4		1 • 1	1 • 1	• 3												21	21	16	13
48 / 47	1 • 1	1 • 4	• 3	• 5														27	27	15	14
46 / 45		1 • 9	1 • 1	1 • 1	• 1													31	31	22	13
44 / 43	• 1	1 • 5	2 • 4	1 • 1														41	41	23	18
42 / 41		1 • 3	1 • 9	1 • 7														35	35	43	19
40 / 39	• 4	2 • 8	2 • 5	1 • 1														49	49	33	26
38 / 37	• 1	4 • 3	2 • 6	1 • 3														64	64	43	30
36 / 35	• 1	3 • 2	1 • 3	• 4		• 1												37	37	56	43
34 / 33	• 1	2 • 1	1 • 1	• 6														28	28	55	42
32 / 31	• 6	5 • 1	3 • 2	• 6														68	68	29	6
30 / 29	• 4	3 • 1	3 • 1	• 1														48	48	56	43
28 / 27	• 3	4 • 3	1 • 5	• 1														43	43	49	44
26 / 25	• 3	3 • 6	1 • 3															35	35	52	55
24 / 23	• 3	2 • 1	• 6															21	21	41	20
22 / 21		1 • 5	• 3															13	13	22	39
20 / 19	• 1	3 • 1																23	23	15	52
18 / 17	• 4	• 4																6	6	22	36
16 / 15		• 3																2	2	1	31
14 / 13	• 4	• 4																6	6	5	14
12 / 11		• 6																4	4	4	17
10 / 9	• 1																	1	1	4	9
8 / 7		• 3																2	2	1	1
6 / 5																				1	4
4 / 3	• 4																	3	3	3	2
2 / 1	• 3	• 1																3	3	3	9
0 / -1																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 | KANSAS CITY INTL MO | 73-87 | NOV
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-4/ -3																				1
-4/ -5																				3
TOTAL	.7	.3	.7	13.5	2.4	1.0												720		720
																	720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4314307	54993	76.4	12.619	720							
Dry Bulb	1107451	26905	37.4	11.914	720		34.9					9
Wet Bulb	986196	24996	34.7	11.337	720		39.8					9
Dew Point	776952	21832	30.3	12.645	720	.9	55.3					9

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	73-82	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0700-1100

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76 / 75									.1									1	1		
74 / 73									.1									1	1		
72 / 71					.1		.1											2	2		
70 / 69								.1										1	1		
68 / 67			.1	.1														4	4		
66 / 65		.1	.3	1.1		.1	.1											14	14		
64 / 63		.1	.6	.6	.3		.4	.1	.1									14	14	3	
62 / 61		.4	1.0	.1	.4	.6	.1	.4										23	23	7	3
60 / 59		.3	.6	.7	.1	.1	.3											19	19	19	7
58 / 57		1.0	.4	.3	.1	.7	.4											28	28	23	14
56 / 55	.3	.8	.3	1.0	.4	1.0	.7											32	32	19	4
54 / 53	.1	.7	.6	.4	.1	.5												25	25	21	13
52 / 51		1.0	.1	.4	1.1	.3	.1	.1										27	27	16	12
50 / 49	.1	1.1	.7	1.0	1.4	.3	.1											34	34	25	15
48 / 47	.4	.3	.7	1.5	1.3	.8	.1											37	37	29	19
46 / 45	.1	1.4	1.0	1.3	1.0	.7												52	52	35	17
44 / 43	.1	1.3	1.5	1.3	.7	.3												37	37	44	18
42 / 41		1.5	1.1	1.7	.7		.1											37	37	53	25
40 / 39	.3	1.9	2.4	1.3	.8													48	48	48	34
38 / 37	.1	2.6	2.9	1.8	.7													55	55	49	35
36 / 35		1.8	1.9	1.2	.3													40	40	57	47
34 / 33		1.4	2.0	.7	.1													37	37	45	46
32 / 31	.4	2.2	2.4	.7														41	41	42	63
30 / 29	.3	1.3	1.3															25	25	53	39
28 / 27	.3	2.2	1.1	.1														26	26	44	45
26 / 25		1.3	1.4	.1														20	20	27	41
24 / 23		.6	.4															7	7	13	35
22 / 21	.1	.7	.3															8	8	16	39
20 / 19	.3	.4	.1															9	9	12	45
18 / 17		.1	.1															2	2	5	22
16 / 15	.1	.1	.1															3	3	1	12
14 / 13	.1	.6																5	5	4	19
12 / 11		.4																3	3	5	9
10 / 9		.1																1	1	2	4

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE / MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
03947	OMAHA EPPLEY INTL AP	73-82	NOV

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
7 / 7		.1																1	1	1	1	4
6 / 5		.1																1	1	2	2	2
4 / 3																						3
2 / 1																						5
0 / -1																						4
-2 / -3																						1
TOTAL																		720		720		720

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3561986	49229	68.4	16.513	720							
Dry Bulb	1413381	30665	42.6	12.202	720		19.0	1.1	.3			9
Wet Bulb	1142752	27564	38.3	11.034	720		28.4					9
Dew Point	857799	23151	32.2	12.559	720	.6	48.6					9

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	73-82	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 1 | 1200-1400 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb Dew Point
92/ 91								.1		.4		.2						6	6	
78/ 77							.1			.1	.1							3	3	
76/ 75									.1	.2								3	3	
74/ 73						.3			.2		.3							5	5	
72/ 71					.2	.1		.2	.1		.3							7	7	
70/ 69				.6	1.2	.4	.1	.1	.1	.4								20	20	
68/ 67				.1	.2	.2	.2	.3	.2	.3								21	21	1
66/ 65			.1	1.2	.2	.2	.1	.3	.3	.1								21	21	1
64/ 63		.6	.6	.3	.2	1.3	.6	.4	.2									35	35	12
62/ 61		.3		.3	1.2	.2	1.1	1.2	.2									33	33	14 3
60/ 59		.3	.3	.4	.1	.6	.2	.6										22	22	25 9
58/ 57		1.2	.3	.3	1.	1.3	.4	.2										32	32	22 8
56/ 55	.1	.2	.1	.4	.2	1.2	.2		.1									25	25	33 20
54/ 53			.3	.2	1.1	1.3	1.	1.4										41	41	25 11
52/ 51		.3	.2	.2	1.2	2.2	.2	.1										43	43	28 17
50/ 49	.8	1.1	1.2	1.3	.2	1.3	1.1											52	52	41 22
48/ 47		.4	.2	.3	1.2	1.4	.4											37	37	44 30
46/ 45		1.1	1.1	.3	1.1	1.2	.1											38	38	38 28
44/ 43		1.2	.6	.2	.2	1.1												27	27	55 21
42/ 41		.1	1.2	.2	1.2	.1	.1											34	34	41 29
40/ 39		.6	2.5	1.4	1.	.3												41	41	56 39
38/ 37		1.5	2.2	2.1	.2													48	48	52 33
36/ 35	.1	.5	.2	.3	.4													21	21	48 38
34/ 33	.2	.1	1.1	1.2	.2													23	23	54 60
32/ 31		1.5	1.1	.3	.2													23	23	22 51
30/ 29		1.2	.4	.1	.1													14	14	37 43
28/ 27		.4	.2	.6														12	12	22 33
26/ 25		.6	1.1	.1														13	13	12 41
24/ 23		.6	.3	.1														7	7	17 26
22/ 21		.1	.2															3	3	10 43
20/ 19		.1	.3															3	3	6 36
18/ 17			.2															2	2	1 42
16/ 15		.4																3	3	3 17
14/ 13		.1	.1															2	2	4 11

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23547	KANSAS CITY INTL AP	73-80	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 2 1200-1400
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
110 / 105																				2	2
100 / 95																					6
90 / 85																					6
80 / 75																					3
70 / 65																					3
60 / 55																					3
50 / 45																					2
40 / 35																					2
30 / 25																					1
20 / 15																					1
10 / 5																					1
0 / -5																					1
TOTAL	1.4	15.1	1.3	14.7	17.6	14.1	7.9	4.9	2.5	1.7	.7	.7						720	720	720	720

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2674790	417854	58.0	18.637	720							
Dry Bulb	1823065	348087	48.6	13.076	720		10.3	5.1	2.1	.9		9
Wet Bulb	1342475	300836	41.8	10.897	720		17.0	.1				1
Dew Point	906542	238032	33.1	12.722	720	.3	44.9					4

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 KANSAS CITY INTL MO 73-87 NOV
STATION STATION NAME YEARS MONTH

PAGE 1 1200-1700
HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81									.2	.1		.2						4	4		
80/ 79									.2									2	2		
78/ 77								.1	.1		.2		.1					5	5		
76/ 75								.1	.1		.2	.2						6	6		
74/ 73								.1	.1			.1						3	3		
72/ 71						.4	.1	.1	.1		.3							9	9		
70/ 69				.3	.1	.3	.2	.1	.1	.2								11	11		
68/ 67			.1	.3	.2	.1	.1	.4	.6									21	21		
66/ 65			.2	1.1	.4	1.2	.4	.4	.3	.4								37	37	1	
64/ 63			.6	.3	.1	.6	.4	.1	1.2									24	24	3	
62/ 61		.2	.1	.4	.4	.4	.3	1.	.1									25	25	20	1
60/ 59		.1	.4	.3	.3	.7	.6	1.0										28	28	24	3
58/ 57		1.1	.4	.1	.2	1.4	.2	1.1										37	37	30	16
56/ 55		.1	.4		1.4	.4	1.1	.2	.3									29	29	32	19
54/ 53		.4		.2	1.4	1.2	.6	.2										40	40	25	18
52/ 51		.2	1.4	.3	1.3	1.6	1.3	.2										46	46	29	13
50/ 49	.4	.6	.2	.6	1.2	1.5	.2	.4										42	42	28	19
48/ 47	.1	.2	.4	1.3	1.3	1.7	.3											41	41	46	31
46/ 45		.2	.3	.6	1.5	1.3	.1											38	38	31	14
44/ 43		1.3	.6	.6	.2	1.2												30	30	53	41
42/ 41		.3	1.3	1.3	1.2	.3												33	33	50	29
40/ 39		.3	.3	.3	.2													34	34	38	29
38/ 37	.2	1.4	1.5	1.2	1.1													43	43	56	47
36/ 35	.1	1.4	1.3	.2	.4													26	26	45	43
34/ 33		.3	.6	.3	.3													22	22	53	37
32/ 31		1.3	1.4	1.3	.3													30	30	34	57
30/ 29	.1	.3	.3	.4	.1													13	13	23	46
28/ 27		.4	.3	.4														8	8	23	44
26/ 25		1.3	.2	.4														15	15	17	34
24/ 23		.3	.2															4	4	15	21
22/ 21		.1	.4															4	4	6	37
20/ 19			.1															1	1	5	41
18/ 17			.1															1	1	4	27
16/ 15			.1															1	1		14

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY, MO	73-80	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13		.4	.1															4	4	1	1
12/ 11																				5	
10/ 9																					
8/ 7																					
6/ 5																					
4/ 3																					
2/ 1																					
0/ -1																					
TOTAL	1.3	19.4	19.3	14.7	17.	7.	6.	3.	.8	.5	.7	.1						719	719	719	
																		719		719	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2573025	40731	56.6	19.263	719							
Dry Bulb	1838040	35130	48.9	13.814	719		10.1	7.6	2.5	.5		9
Wet Bulb	1330-50	30013	41.7	10.757	719		17.5					9
Dew Point	881450	23456	32.6	12.724	719	.2	47.8					9

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
03947	KANSAS CITY INTL AP	73-80	NOV

PAGE 1 | HOURS L.S.T. 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
72 / 71							.2											2	2		
70 / 69						.4		.2	.2									6	6		
68 / 67					.1		.1											2	2		
66 / 65		.1	.1		.1	.1			.1									5	5		
64 / 63		.4	.1	.2	.2	.3	.2	.1	.1									19	19	3	1
62 / 61		.5	.3	.7	1.	.4	.2	.1										28	28	7	1
60 / 59		.3	1.4	1.1	.2	1.1	.4											35	35	11	4
58 / 57		1.7	1.	.1	.1	.1	.4	.1										36	36	15	6
56 / 55		.4	.1	.7	.3	.4	.4											17	17	35	15
54 / 53		1.1		.1	.2	.6	.4	.1										20	20	28	18
52 / 51		.3	.6	1.1	1.3	1.0	.2											38	38	19	11
50 / 49	.7	.7	1.1	1.4	.7	.6		.1										38	38	24	14
48 / 47	.1	1.1	.6	1.3	1.7	.9	.1											46	46	29	17
46 / 45		1.7	2.1	1.4	1.2	.7	.1											54	54	31	16
44 / 43		1.4	1.4	2.2	1.1	.6												48	48	46	17
42 / 41	.3	1.0	1.3	1.8	1.	.1												41	41	57	31
40 / 39	.3	1.1	2.1	1.9	1.7													51	51	43	25
38 / 37	.1	1.1	1.3	1.6														31	31	59	42
36 / 35		2.6	1.9	2.1	.7													50	50	51	44
34 / 33		1.9	2.2	2.1														42	42	52	37
32 / 31		1.4	2.4	1.4														40	40	49	65
30 / 29		1.7	1.4	.1														23	23	46	50
28 / 27		.3	1.3															13	13	43	52
26 / 25		.6	1.9	.1														16	16	28	36
24 / 23		.4	.7	.1														9	9	12	24
22 / 21		.3	.7															7	7	12	56
20 / 19		.1	.1															2	2	8	45
18 / 17			.3															2	2	3	19
16 / 15		.4																3	3	2	21
14 / 13		.1																1	1	4	19
12 / 11		.4																3	3	1	8
10 / 9		.3																2	2	3	5
8 / 7																				2	2
6 / 5																					

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean Nr of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 STATION | [illegible] STATION NAME | [illegible] YEARS | NOV MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb Dew Point
[illegible] / [illegible]																				[illegible]
[illegible] / 1																				[illegible]
[illegible] / -1																				[illegible]
TOTAL	1.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.	[illegible]									720	[illegible]	
																		720	720	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	[illegible]130	46640	64.9	16.632	[illegible]720							
Dry Bulb	1475713	[illegible]1503	43.6	11.635	720		15.1	1.5				9[illegible]
Wet Bulb	1166675	27471	38.8	10.551	720		26.3					9[illegible]
Dew Point	[illegible]41[illegible]	22936	31.9	12.435	[illegible]720	.4	51.6					9[illegible]

USAFETAC FORM 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13724 | KANSAS CITY INTL AP | 73-8 | NOV
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 2100-2300
HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
68 / 67					•2	•1		•4										5	5		
66 / 65			•1	•1	•1													4	4		
64 / 63		•2	•4		•1													6	6	1	
62 / 61		•1	•4	•2	•4	•2	•1	•1										13	13	2	1
60 / 59		1•1	•2	1•4		•4	•2											27	27	11	1
58 / 57		1•1	1•4	•2	•4	•2	•2											29	29	11	11
56 / 55		2•4	•6	•1	•4	•4	•4											31	31	24	14
54 / 53	•2	•6	•4	•4	•4	•4	•1											21	21	33	15
52 / 51		1•2	1•1	•3	•2	•4												24	24	10	26
50 / 49	•4	•7	•7	1•2	1•3	•3												30	30	25	21
48 / 47	•1	1•1	•3	1•4	1•2	•1	•1											30	30	27	15
46 / 45	•1	1•3	1•4	1•5	1•2	•7												49	49	22	11
44 / 43	•2	1•3	2•0	2•6	1•7	•3												63	63	38	18
42 / 41		1•6	1•7	1•7	•2													43	43	47	25
40 / 39	•1	2•1	2•2	•2	•4													39	39	50	14
38 / 37		•3	2•5	1•4	•2													38	38	61	47
36 / 35	•1	2•4	3•1	2•2	•1													57	57	48	48
34 / 33		1•1	2•6	•6	•2													33	33	47	39
32 / 31		2•3	4•3	1•4														59	59	61	38
30 / 29		2•2	3•3	•3														42	42	57	63
28 / 27	•4	2•1	1•7															25	25	51	51
26 / 25	•1	1•3	•9															16	16	46	34
24 / 23		•7	•1															8	8	15	33
22 / 21		•6	•4															7	7	7	58
20 / 19		•4	•2															8	8	7	37
18 / 17		•3	•1															3	3	8	28
16 / 15		•1																1	1	3	19
14 / 13		•7																5	5	1	14
12 / 11		•4																3	3	6	9
10 / 9																				2	4
8 / 7		•4																3	3	3	
6 / 5																					6
4 / 3																					3
2 / -1																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO	[illegible]	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE [illegible] 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	[illegible]	231.3	252.9	217.1	110.[illegible]	[illegible]	1.[illegible]	.5											720		72[illegible]
																		720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	361[illegible]158	4985[illegible]	69.[illegible]	15.226	72[illegible]							
Dry Bulb	1319953	29725	41.3	11.359	720		22.3	.6				9[illegible]
Wet Bulb	1[illegible]5.234	26962	37.3	10.550	72[illegible]		32.1					9[illegible]
Dew Point	917152	22603	31.4	12.243	72[illegible]	.5	51.4					9[illegible]

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23947	KANSAS CITY INTL AP	73-[illegible]	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — ALL (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81								•	•	• 1		• 1						10	10		
80/ 79									•									2	2		
78/ 77							•	•	•	•	• 1		•					8	8		
76/ 75								•	• 1	•	•	•						10	10		
74/ 73						•		•	• 1		•	•						9	9		
72/ 71					•	• 1	• 1	• 1	•		• 1							20	20		
70/ 69				• 1	• 1	• 2	• 1	• 1	• 1	• 1								40	40		
68/ 67			•	• 1	•	• 1	• 2	• 1	•	•								53	53	1	
66/ 65		•	• 2	•	•	• 3	• 1	• 1	• 1	• 1								89	89	2	
64/ 63		• 2	• 4	• 3	• 3	•	•	• 1	•									121	121	27	2
62/ 61		• 4	• 5	• 4	•	•	•	•	• 1									163	163	56	13
60/ 59	• 1	•	• 6	• 6	• 2	• 4	•	• 2										190	190	119	43
58/ 57	• 1	1 •	• 6	• 3	• 3	• 6	• 3	• 2										199	199	141	96
56/ 55	• 2	1 •	• 3	• 3	•	•	• 4	•	• 1									194	194	201	135
54/ 53	• 2	•	• 3	• 5	• 7	• 6	•	• 2										216	216	206	134
52/ 51	• 1	•	• 6	• 5	•	1 •	• 3	• 1										238	238	191	140
50/ 49	• 4	• 9	• 5	• 9	1 •	• 5	• 2	• 1										261	261	196	142
48/ 47	• 3	1 • 1	• 6	1 •	•	•	• 2											272	272	259	164
46/ 45	• 1	1 • 3	1 • 2	1 •	1 • 2	• 6	• 1											325	325	228	125
44/ 43	• 1	1 • 2	1 •	1 • 3	• 7	• 5												348	348	311	139
42/ 41	• 1	1 • 4	1 • 4	1 • 5	1 •	• 2	•											311	311	361	191
40/ 39	• 2	2 • 1	2 • 2	1 • 3	•	•												388	388	363	264
38/ 37	• 1	2 • 2	2 • 2	1 •	• 3													381	381	460	360
36/ 35	• 1	2 •	1 • 6	1 • 2	•	•												294	294	434	347
34/ 33	• 1	1 • 5	1 • 7	1 •	•													263	263	409	327
32/ 31	• 1	2 • 3	2 • 4	• 3	• 1													375	375	332	447
30/ 29	•	2 • 3	1 • 3	• 2	•													258	258	371	396
28/ 27	•	2 • 3	1 •	• 2														209	209	344	372
26/ 25	• 1	1 • 7	1 •	• 1														166	166	290	332
24/ 23	• 1	1 •	•	•														91	81	167	212
22/ 21	• 1	• 7	• 4															69	69	134	395
20/ 19	• 1	•	•															70	70	93	343
18/ 17	• 1	• 2	• 1															23	23	59	228
16/ 15	•	• 3	•															22	22	20	166

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 | KANSAS CITY INTL AP | 73-80 | NOV
STATION | STATION NAME | YEARS | MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29	30	≥ 31				
14/ 13	.1	.3	.2																26	26	27	101
12/ 11		.3																	16	16	24	7-
10/ 9	.1	.2																	12	12	16	44
8/ 7	.1	.2																	13	13	14	20
6/ 5		.1																	4	4	8	34
4/ 3	.1	.1																	7	7	8	23
2/ 1	.1	.1																	3	3	3	24
0/ -1																						25
-2/ -3																						10
-4/ -5																						3
TOTAL	.3	32.5	24.1	16.9	10.3	6.9	3.7	1.7	.9	.3	.2	.1	.0						5759	5759	5759	5759

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	28115958	389733	67.7	17.387	5759							
Dry Bulb	11351270	244938	42.5	12.738	5759		169.3	19.0	4.9	1.3		720
Wet Bulb	9046532	219016	38.0	11.163	5759		234.0	.1				720
Dew Point	6674656	182328	31.7	12.518	5759	4.5	407.2					720

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947 | KANSAS CITY INTL AP | 73-82 | DEC
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0000-0200
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63				.1														1	1		
62/ 61			.1	.1														2	2		
60/ 59			.4	.3														5	5		
58/ 57			.1															1	1	2	
56/ 55			.4	.3														5	5	5	5
54/ 53			.1	.3														3	3	3	3
52/ 51			.4	.1		.3												6	6	2	2
50/ 49			.3			.3												4	4	4	6
48/ 47		.4	.5	.6	.3	.1												21	21	5	
46/ 45	.1	.3	.3		.3	.3												9	9	8	3
44/ 43			1.3	.5	.4	.1												21	21	7	5
42/ 41		.3	.8	.7	.1	.4												21	21	8	6
40/ 39		.8	1.7	.8	.4	.1												29	29	27	5
38/ 37	.3	1.3	2.4	.5	.1													37	37	25	10
36/ 35		3.4	2.6	1.3	.1													55	55	41	18
34/ 33	.3	5.9	2.2	.5	.1													69	69	59	24
32/ 31	.7	5.5	5.2	1.2														92	92	74	57
30/ 29		6.6	2.8	.4														73	73	85	49
28/ 27	.4	3.0	1.5	.3														38	38	80	54
26/ 25	.1	3.5	1.1	.3														37	37	46	79
24/ 23		3.9	.7	.4														37	37	48	46
22/ 21		2.2	1.1															24	24	34	39
20/ 19	.3	3.5	.7															33	33	30	43
18/ 17	.1	2.2	.1															18	18	32	66
16/ 15	.1	4.0																31	31	24	40
14/ 13		3.1																23	23	24	29
12/ 11		1.1																8	8	20	33
10/ 9		1.7																13	13	12	26
8/ 7		.5																4	4	10	23
6/ 5		.5																4	4	6	12
4/ 3	.1	.3																3	3	3	19
2/ 1	.1	.2																8	8	9	12
0/ -1	.1	.1																2	2	1	7
-2/ -3	.5																	4	4	5	5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	73-82	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/ -5																					8
-6/ -7		.1																1	1	1	3
-8/ -9	.2																	2	2	2	3
-10/-11																					5
-12/-13																					1
-14/-15																					1
-16/-17																					2
-18/-19																					1
-20/-21																					1
TOTAL	.2	55.6	24.9	9.6	3.4	1.6												744	744	744	744

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3947960	53339	71.7	12.693	744							
Dry Bulb	739139	21907	29.4	11.253	744	1.1	56.9					93
Wet Bulb	615543	19967	26.8	10.356	744	1.1	69.3					93
Dew Point	431641	15653	21.0	11.735	744	4.5	82.0					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 | KANSAS CITY INTL AP | 73-81 | DEC
STATION | STATION NAME | YEARS | MONTH

 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63				.1														1	1		
62/ 61				.4														3	3		
60/ 59			.3															4	4		
58/ 57			.4															3	3	1	
56/ 55		.1																1	1	7	1
54/ 53			.1															1	1	4	4
52/ 51		.1	.7															6	6		7
50/ 49		.1		.1	.3													4	4	3	
48/ 47		.3		.5	.4													9	9	5	2
46/ 45	.1	.7	.5	.4	.3	.3												17	17	5	4
44/ 43	.1	.4	1.1	.5		.4												19	19	9	9
42/ 41		.5	.1	.5	.3													13	13	13	4
40/ 39	.1	.4	.9	.7	.4													19	19	17	1
38/ 37	.1	1.5	1.6	.8	.4													33	33	13	4
36/ 35	.3	2.7	1.9	1.2														49	49	33	19
34/ 33		4.3	3.4	.3														67	67	49	17
32/ 31	.3	7.3	3.3	.9														92	92	75	42
30/ 29		7.1	2.4	.3														73	73	96	44
28/ 27	.3	4.7	1.9															48	48	77	47
26/ 25	.4	3.3	1.1	.1														40	40	60	66
24/ 23	.1	3.4	1.2	.4														38	38	44	47
22/ 21		3.4	.8															31	31	37	52
20/ 19	.4	2.4	.5															25	25	34	47
18/ 17	.4	3.5	.4															33	33	21	53
16/ 15		3.7	.1															30	30	38	41
14/ 13		3.2	.1															25	25	25	27
12/ 11	.4	1.1																11	11	28	31
10/ 9	.1	1.1																9	9	12	24
8/ 7	.1	1.9																15	15	7	36
6/ 5	.1																	1	1	12	15
4/ 3	.1	.3																3	3	3	15
2/ 1	.4	1.1																11	11	9	14
0/ -1	.3																	2	2	4	3
-2/ -3	.1																	1	1	1	12

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 | KANSAS CITY INTL MO | 73-80 | DEC
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-4 / -5	.4																2	2	3	5
-6 / -7	.1																1	1	1	
-8 / -9	.4																3	2	2	4
-10 / -11																				5
-12 / -13																				5
-14 / -15																				5
TOTAL	.9	3.3	2.4	7.3	7.3	.7												744		744
																	744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4150254	54700	73.6	12.541	744							
Dry Bulb	684499	20029	23.1	11.353	744	1.3	61.9					93
Wet Bulb	579413	19219	25.8	10.566	744	1.5	73.1					95
Dew Point	416584	15216	20.5	11.916	744	4.6	82.9					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23947	KANSAS CITY INTL MO	73-80	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0600-0900
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb Dew Point
74/ 67			.1															1	1	
72/ 61			.3															4	4	
66/ 59			.5	.1														5	5	1
58/ 57			.1															1	1	5
56/ 55																				4 4
54/ 53			.4															3	3	1 3
52/ 51		.6	.4															9	9	2 5
50/ 49																				7 6
48/ 47		.3	.4	.3														7	7	4 3
46/ 45		.5	.5	.5	.2													16	16	3 2
44/ 43		.5	.4															7	7	9 7
42/ 41		.3	.3	1.3	.1													15	15	7 6
40/ 39	.4	.8	.9	.4	.2													23	23	14 9
38/ 37	.1	1.2	.2	.2	.3													26	26	15 8
36/ 35	.1	2.6	1.7	.8														39	39	28 17
34/ 33		4.4	3.5	.5														63	63	39 23
32/ 31	.5	8.2	3.8	.5														99	99	60 32
30/ 29	.7	6.7	1.7	.1														69	69	102 47
28/ 27	.7	5.5	1.2	.4														58	58	88 54
26/ 25	.5	3.8	.7	.4														40	40	51 71
24/ 23		3.1	.7	.1														29	29	47 55
22/ 21	.7	3.6	1.2															41	41	41 56
20/ 19	.4	4.3	.1															34	34	34 54
18/ 17	.7	2.4	.1															24	24	37 48
16/ 15	.4	3.6	.3															32	32	22 33
14/ 13		3.1	.3															24	24	26 35
12/ 11	.3	2.0	.3															19	19	31 24
10/ 9	.1	.9																8	8	12 33
8/ 7	.1	1.2																10	10	9 34
6/ 5	.5	.7																9	9	15 13
4/ 3	.5	.7																9	9	8 17
2/ 1	.3	1.2																11	11	10 19
0/ -1	.3																	2	2	5 3
-2/ -3	.1																	1	1	1 14

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0000-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/ -5																				F
-6/ -7	.3																2	2	2	4
-8/ -9	.3																2	2	2	5
-10/-11	.3																2	2	2	7
-12/-13																				4
-14/-15																				1
-16/-19																				1
-20/-21																				
TOTAL	.3	62.1	21.2	7.1	1.2												744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4269113	55651	74.8	11.969	744	1.1	65.6					93
Dry Bulb	650252	20274	27.3	11.513	744	1.1	65.6					93
Wet Bulb	559941	18747	25.2	10.856	744	1.5	75.6					93
Dew Point	416715	14607	20.0	12.279	744	6.1	83.3					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 STATION | KANSAS CITY INTL AP STATION NAME | 73-80 YEARS | DEC MONTH

PAGE 1 | 0900-1200 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63				.3														2	2		
62/ 61			.7	.3														4	4		
60/ 59			.4	.1														4	4	1	
58/ 57		.3																2	2	4	
56/ 55		.3	.1	.1	.1													5	5	6	4
54/ 53			.1			.3	.1											4	4	3	3
52/ 51		.4	.5	.3		.3												11	11	2	3
50/ 49			.3	.1	.1	.3												8	8	6	3
48/ 47		.7	.4	.4	.5	.4	.1											16	16	5	5
46/ 45		.7	.5	.2	.7	.1												21	21	6	5
44/ 43		.3	.7	2.1	.5	.2												28	28	12	9
42/ 41		.3	.5	1.5	.4	.1												21	21	19	4
40/ 39	.1	.7	1.6	1.2	.9													34	34	19	5
38/ 37	.3	2.6	1.9	1.5	.3													49	49	35	11
36/ 35	.1	2.4	4.3	1.9	.7													69	69	48	13
34/ 33	.1	5.4	3.5	.9	.1													75	75	67	29
32/ 31	.1	6.6	1.9	.3	.1													71	71	81	43
30/ 29	.5	5.6	3.1	.4														72	72	91	54
28/ 27		3.9	1.9	.3														45	45	84	64
26/ 25	.1	1.6	1.5	.1														25	25	55	54
24/ 23		1.9	.8															28	28	31	50
22/ 21	.4	2.4	1.3															31	31	32	6
20/ 19	.4	2.3	.9															24	24	25	55
18/ 17		1.3	.7															15	15	26	47
16/ 15		2.2	.4															19	19	15	27
14/ 13	.1	2.3	.5															22	22	21	23
12/ 11	.4	.9	.3															12	12	16	26
10/ 9		1.5																11	11	19	25
8/ 7		.5																6	6	10	22
6/ 5	.1	.5																5	5	5	12
4/ 3		1.1																8	8	3	9
2/ 1		.1																1	1	6	22
0/ -1	.1																	1	1	2	4
-2/ -3	.3	.1																3	3	3	9

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 STATION | KANSAS CITY INTL MO STATION NAME | 73-82 YEARS | DEC MONTH

PAGE 2 0900-1100 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-4 / -5	.3																	2	2	2	1
-6 / -7																					1
-8 / -9																					1
-10 / -11																					2
-12 / -13																					3
-14 / -15																					1
TOTAL	3.8	49.4	22.1	13.3	4.2	1.7	.5											744	744	744	744

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	376437	51463	69.1	14.106	744							
Dry Bulb	812333	23157	31.0	11.453	744	.1	49.1					9
Wet Bulb	660736	19504	26.0	10.483	744	.2	63.5					9
Dew Point	461419	16163	21.3	12.150	744	4.1	81.1					9

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13547	KANSAS CITY INTL AP	73-8[illegible]	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1200-1400
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
72 / 69						.1												1	1		
68 / 67							.1											1	1		
66 / 65					.1	.1	.1											3	3		
64 / 63				.5	.1	.1	.2	.1										9	9		
62 / 61			.4	.1		.7	.1		.1									3	3		
60 / 59			.1		.4		.7	.1	.7									9	9	4	
58 / 57				.1		.7	.1	.4										7	7	6	1
56 / 55			.1	.3	.1	.5	.4	.1										12	12	5	4
54 / 53			.3	.4	.4	.6	.7	.3										21	21	6	2
52 / 51			.3	.3	.1	1.6	.7											26	26	4	3
50 / 49			.4	.1	1.7	.7		.4										21	21	7	4
48 / 47		.4	.6	.7	1.4	1.2	.3	.1										38	38	12	2
46 / 45		.4	.3	1.1	.6	.7	.7											35	35	22	13
44 / 43		.5	1.1	2.3	1.2	.9	.7	.1										50	50	27	11
42 / 41		.3	.2	1.5	1.7	.4	.1											37	37	45	7
40 / 39	.1	1.3	1.7	1.7	1.3	.3												49	49	43	14
38 / 37	.1	1.1	2.2	2.3	.6													52	52	53	13
36 / 35		1.7	2.4	1.6	.7													45	45	53	24
34 / 33	.1	3.5	2.6	1.6	.4													61	61	77	33
32 / 31	.4	3.9	3.9	.9	.3													69	69	61	61
30 / 29		1.1	2.2	.3														36	36	75	32
28 / 27		.1	1.5	.4														15	15	42	66
26 / 25		.5	3.5	.9														32	32	26	59
24 / 23		.7	1.1	.5														17	17	26	44
22 / 21	.4	.8	1.3	.4														22	22	32	37
20 / 19	.1	.3	1.1	.1														16	16	25	37
18 / 17		.9	.7															12	12	17	35
16 / 15		1.2	.3															16	16	17	24
14 / 13		.5	.7															9	9	12	24
12 / 11	.4	.7																8	8	12	24
10 / 9			.4															3	3	9	29
8 / 7		.1																1	1	1	21
6 / 5		.3																2	2	3	8
4 / 3		.5																4	4	3	7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL MO	73-85	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
1 / 0		.1																1	1	4	1	
-1 / -1	.1																	1	1	1	1	
-2 / -3																					1	
-4 / -5																					2	
-6 / -7																					1	
-8 / -9																					3	
-10 / -11																					1	
-12 / -13																					4	
-14 / -15																					1	
TOTAL	1.4	21.5	3.2	12.6	12.	3.2	3.	1.4	.4										744		744	
																		744		744		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2886513	44629	60.0	16.38	744							
Dry Bulb	1111312	27756	36.7	12.12	744	.1	33.3	.3				9
Wet Bulb	732875	23479	31.6	10.32	744	.1	47.9					9
Dew Point	506791	17173	23.1	12.16	744	4.8	76.3					9

FORM 0-26 3 OL A (JUN 71) USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23947	KANSAS CITY INTL AP	73-80	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1500-1700
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69						.1												1	1		
68/ 67						.1	.1											2	2		
66/ 65				.1	.1	.1	.1											4	4		
64/ 63				.1	.1	.4	.1		.1	.1								10	10		
62/ 61			.4			.1	.1	.1	.3									12	12		
60/ 59				.1		.4	.3	.2	.1									11	11	3	
58/ 57					.2	.1	.2		.3									7	7	5	
56/ 55				.4	.3	.2	.2	.4										21	21	6	3
54/ 53			.1	.2	.1	.2		.1										16	16	10	3
52/ 51			.7	.3	.7	1.5	.7											26	28		2
50/ 49			.3	.1	1.3	.2	.4	.1										22	22	17	7
48/ 47				.7	1.3	.4	.2	.3										27	27	26	7
46/ 45		.3	.1	1.3	1.3	.4	.5											31	31	15	9
44/ 43		.7	.7	2.3	1.7	1.3	.1	.3										53	53	29	18
42/ 41	.1	.5	1.2	.9	1.5	.8												40	40	39	17
40/ 39		1.2	1.7	2.3	1.1	.5	.1											52	52	40	5
38/ 37	.4	.7	2.6	2.4	.9													51	51	63	16
36/ 35		.9	2.2	1.3	.7	.3												40	40	49	24
34/ 33		2.4	2.8	2.4	.7													62	62	72	29
32/ 31	.1	3.9	2.6	.7	.7													59	59	71	57
30/ 29		.9	2.7	.9	.5													35	35	79	63
28/ 27		.3	1.9	1.2	.3													31	31	36	71
26/ 25		.4	2.3	.9														27	27	35	59
24/ 23		.5	1.5	.3														19	19	27	42
22/ 21		.9	1.1															15	15	32	34
20/ 19	.1	1.6	.9	.1														21	21	30	48
18/ 17		.5	.7															9	9	18	40
16/ 15		.3	.5															10	10	11	39
14/ 13		.4	.4															6	6	10	21
12/ 11	.4	.7	.4															11	11	13	25
10/ 9		.1	.4															4	4	4	29
8/ 7		.1																1	1	7	29
6/ 5		.3																2	2	1	10
4/ 3		.4																3	3	2	19

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 | KANSAS CITY INTL AP | 73-82 | DEC
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
2 / 1		.1																1	1	4	7
0 / -1																					7
-2 / -3																					3
-4 / -5																					7
-6 / -7																					3
-8 / -9																					5
-10 / -11																					7
-12 / -13																					1
-14 / -15																					3
-16 / -17																					1
TOTAL	1.2	19.5	2.7	21.3	14.5	9.1	4.7	1.9	.5	.1								744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2737451	433?1	58.2	17.118	744							
Dry Bulb	1146146	27?65	37.3	12.267	744		31.9	.4				93
Wet Bulb	845639	23-76	32.1	10.339	744		47.4					93
Dew Point	499998	16?63	22.8	12.233	744	4.1	76.9					93

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 — STATION
KANSAS CITY INTL AP — STATION NAME
73-80 — YEARS
DEC — MONTH

1870-2000 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68 / 63					.4													3	3		
62 / 61				.1														1	1		
60 / 59				.5	.1													6	5		
58 / 57			.3	.3	.3	.1												7	7	2	
56 / 55			.3	.4		.3	.1	.1										9	9	3	
54 / 53			.3	.3	.4	.5	.3	.1										14	14	6	
52 / 51			.3	.3	.3	.1	.3											11	11	4	4
50 / 49			.3	.7		.3	.1											13	13	7	6
48 / 47		.3	.3	.4	.3	.4												17	17	9	9
46 / 45		.1	.7	.4	.3	.4	.1											20	20	16	6
44 / 43		.7	.1	2.0		.4	.3											26	26	16	11
42 / 41	.1	.4	1.5	1.7	.5	.4												35	35	17	9
40 / 39		1.7	2.3	.7	2.3													55	55	25	7
38 / 37		2.7	2.1	2.3	.4	.3												55	55	57	8
36 / 35	.4	.7	2.8	1.6	.3	.3												45	45	55	32
34 / 33		1.9	3.8	1.1	.7	.1												59	59	43	19
32 / 31	.4	6.6	4.1	2.0														97	97	68	45
30 / 29	.1	5.3	2.3	.7														66	66	83	62
28 / 27		1.5	1.3	.3														23	23	70	64
26 / 25		1.9	2.1	.9	.1													36	36	47	69
24 / 23		.9	2.1	.5														26	26	39	42
22 / 21		1.3	1.5															21	21	14	41
20 / 19	.1	2.7	1.3	.1														32	32	26	49
18 / 17		1.3	.3															13	13	28	50
16 / 15		1.6	.7															17	17	19	33
14 / 13		1.2	.7															11	11	14	29
12 / 11		1.1	.1															9	9	11	27
10 / 9	.1	.7	.2															8	8	11	24
8 / 7		.1	.3															3	3	7	33
6 / 5		.1																1	1	3	12
4 / 3		.5																4	4	2	17
2 / 1		.3																2	2	5	9
0 / -1	.3	.4																5	5	3	5
-2 / -3		.1																1	1	3	4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	73-80	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/ -5																				1	1
-6/ -7																					6
-8/ -9																					4
-10/-11																					4
-12/-13																					5
-14/-15																					3
-16/-17																					1
TOTAL	1.4	36.3	32.3	17.3	7.4	3.6	1.3	.3											744		744
																		744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3350767	48603	65.4	15.031	744							
Dry Bulb	899266	24452	32.9	11.345	744	.6	46.1					93
Wet Bulb	713111	21713	29.2	10.143	744	.9	60.3					93
Dew Point	460410	16252	21.8	11.918	744	4.3	79.6					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DEC AIR WEATHER SERVICE/MAC
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23947 | KANSAS CITY INTL AP | 73-80 | DEC

STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 2100-2300 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
62 / 61			.3	.1														3	3		
60 / 59			.1	.3														3	3		
58 / 57		.1		.4														4	4	2	
56 / 55		.1	.4	.1	.1													6	6	3	1
54 / 53			.4			.7												8	8	4	3
52 / 51			.3	.3		.3	.1											7	7	6	2
50 / 49			.7	.9	.1	.4	.3											18	16	2	7
48 / 47			.3	.7														7	7	2	3
46 / 45		.3	.1	.7	.3	.3												13	13	7	1
44 / 43		.4	.3	.9	.3	.1												15	15	21	5
42 / 41		1.5	1.1	1.2	.7	.7												36	38	13	6
40 / 39		1.1	2.2	.6	.3	.1												37	37	21	13
38 / 37		3.2	3.3	2.3	.1													56	56	33	12
36 / 35	.3	2.2	2.2	.5	.1													39	39	47	21
34 / 33	.1	3.4	4.3	.9	.4													66	66	53	20
32 / 31	.3	5.9	2.4	2.3														95	65	50	51
30 / 29	.1	6.3	3.1	.4														72	72	83	52
28 / 27	.1	3.3	2.3	.5														44	44	69	52
26 / 25	.1	2.6	1.1	.5														32	32	57	75
24 / 23		3.1	.9	.3														29	29	41	53
22 / 21	.1	2.2	1.9															28	28	30	36
20 / 19		3.4	.9															31	31	36	44
18 / 17		2.7	.3															22	22	37	46
16 / 15		1.7																13	13	13	47
14 / 13	.1	2.8	.1															23	23	19	38
12 / 11		1.5																11	11	18	29
10 / 9		.3																6	6	12	24
8 / 7		.8																6	6	6	22
6 / 5		.5																4	4	6	12
4 / 3	.1	.5																5	5	5	22
2 / 1		.5																4	4	5	8
0 / -1	.4																	3	3	5	9
-2 / -3		.3																2	2	1	4
-4 / -5	.1	.3																3	3	3	6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	73-80	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
-6/ -7	.1																	1		1	2	6
-8/ -9																						4
-10/-11																						7
-12/-13																						3
-14/-15																						4
-16/-17																						1
-18/-19																						1
-20/-21																						1
TOTAL	.1	49.7	27.3	14.1	7.2	2.6	.4											744		744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3716162	51564	69.3	13.846	744							
Dry Bulb	791612	22740	30.6	11.401	744	1.1	53.0					93
Wet Bulb	645914	20522	27.6	10.367	744	1.4	66.0					93
Dew Point	440470	15778	21.2	11.937	744	4.9	81.1					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL MO	73-80	SEC
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — ALL (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
72 / 69						•0												2	2		
68 / 67						•0	•0											3	3		
66 / 65				•0	•0	•0	•0											7	7		
64 / 63			•0	•0	•1	•1	•0	•0	•0	•0								27	27		
62 / 61			•0	•0	•1	•1	•0	•0	•1									37	37		
60 / 59			•0	•0	•1	•1	•1	•1	•1									46	46	9	
58 / 57		•1	•1	•1	•1	•1	•1	•1	•0									32	32	37	1
56 / 55		•1	•2	•2	•1	•2	•2	•1										59	59	39	19
54 / 53			•0	•2	•1	•4	•1	•1										70	70	39	23
52 / 51		•2	•4	•2	•2	•2	•2											104	104	22	25
50 / 49		•1	•3	•3	•4	•3	•1	•1										90	90	53	36
48 / 47		•2	•3	•6	•7	•3	•2	•1										142	142	58	34
46 / 45	•1	•4	•4	•7	•7	•3	•2											157	157	82	42
44 / 43	•1	•4	•7	1•4	•6	•5	•1	•1										219	219	132	79
42 / 41	•1	•6	•8	1•2	•7	•4	•1											220	220	161	92
40 / 39	•1	1•1	1•7	1•1	•5	•1	•0											298	298	206	64
38 / 37	•2	1•6	2•3	1•7	•4	•2												358	358	294	82
36 / 35	•2	2•1	2•5	1•3	•3	•1												380	380	351	156
34 / 33	•1	4•1	3•2	1•2	•2	•2												522	522	459	199
32 / 31	•2	6•1	3•3	1•2	•1													664	664	605	399
30 / 29	•2	4•9	2•6	•5	•1													490	490	689	415
28 / 27	•2	2•8	1•6	•4	•1													302	302	525	496
26 / 25	•2	2•3	1•6	•5	•1													269	269	379	553
24 / 23	•2	2•2	1•1	•4														215	215	303	377
22 / 21	•2	2•1	1•2	•1														213	213	252	378
20 / 19	•2	2•6	•6	•1														216	216	252	377
18 / 17	•2	1•9	•4															146	146	216	363
16 / 15	•1	2•4	•4															166	168	159	268
14 / 13	•1	2•1	•3															143	143	151	231
12 / 11	•2	1•1	•1															89	89	151	220
10 / 9	•1	•9	•1															62	62	87	215
8 / 7	•1	•7	•0															46	46	57	216
6 / 5	•1	•4																28	28	54	93
4 / 3	•1	•5																39	39	29	119

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) (JUN 71) USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL AP	73-80	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — ALL (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ 1	.1	.6																39	39	52	102
0 / -1	.2	.1																16	16	21	59
-2 / -3	.1	.1																12	12	14	63
-4 / -5	.1	.2																8	8	9	48
-6 / -7	.1	.1																5	5	6	29
-8 / -9	.1																	7	7	7	31
-10/-11	.1																	2	2	2	26
-12/-13																					23
-14/-15																					21
-16/-17																					2
-18/-19																					7
-20/-21																					4
TOTAL	3.7	44.2	27.1	13.7	6.0	3.4	1.3	.5	.2	.0								5952	5952	5952	5952

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	28822119	403703	67.8	15.499	5952							
Dry Bulb	6836975	188433	31.7	12.101	5952	6.3	397.4	.6				744
Wet Bulb	5456171	165587	28.3	10.698	5952	7.4	502.5					744
Dew Point	3627584	128152	21.5	12.083	5952	38.0	643.1					744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13947	KANSAS CITY INTL AP	73-81	ALL
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
108/107																	.0	1	1		
106/105															.0	.0	.0	17	17		
104/103													.0	.0	.0	.0	.0	32	32		
102/101											.0	.0	.0	.0	.0	.0		45	45		
100/ 99										.0	.0	.0	.0	.0	.0	.0		61	61		
98/ 97									.0	.0	.0	.0	.0	.0	.0			122	122		
96/ 95								.0	.0	.1	.1	.1	.0	.0	.0			267	267		
94/ 93							.0	.1	.1	.1	.1	.1	.0	.0				384	384		
92/ 91						.0	.1	.1	.2	.2	.1	.0	.0	.0	.0			551	551		
90/ 89					.0	.1	.1	.3	.2	.1	.1	.0	.0	.0	.0			659	659		
88/ 87				.3	.1	.1	.3	.3	.2	.1	.1	.1	.0	.0	.0			889	889		
86/ 85			.2	.3	.1	.4	.3	.3	.3	.1	.1	.0	.0	.0				1169	1169		
84/ 83			.3	.1	.3	.3	.3	.2	.2	.1	.1	.0	.0	.0				1303	1303		
82/ 81		.0	.0	.2	.4	.4	.4	.3	.2	.1	.1	.0	.0	.0				1551	1551	41	
80/ 79	.0	.0	.1	.3	.0	.5	.3	.2	.2	.1	.1	.0	.0					1899	1899	267	12
78/ 77	.0	.0	.3	.5	.6	.4	.3	.2	.1	.1	.0	.0	.0					1902	1902	679	66
76/ 75	.1	.1	.5	.6	.6	.4	.3	.2	.2	.1	.0	.0	.0					2247	2247	1656	310
74/ 73	.1	.3	.7	.8	.3	.4	.3	.2	.2	.1	.0	.0						2300	2300	2516	868
72/ 71	.1	.6	1.0	.7	.4	.3	.3	.2	.2	.1	.0	.0						2650	2650	2566	1660
70/ 69	.1	.6	1.1	.5	.5	.3	.2	.2	.1	.1	.0	.0						2572	2572	3123	2527
68/ 67	.1	.6	.9	.4	.5	.4	.3	.2	.1	.1	.0	.0						2550	2550	3195	3001
66/ 65	.1	.8	.6	.6	.4	.3	.3	.2	.1	.1	.0							2543	2543	2808	2946
64/ 63	.1	.9	.6	.5	.4	.3	.3	.2	.2	.0	.0							2397	2397	2906	2763
62/ 61	.1	.9	.6	.5	.4	.3	.3	.2	.1	.0	.0							2413	2413	2609	2654
60/ 59	.1	.8	.6	.5	.3	.3	.2	.2	.0	.0								2176	2176	2667	2617
58/ 57	.1	.8	.5	.4	.3	.4	.3	.1	.1									2092	2092	2589	2405
56/ 55	.1	.8	.5	.4	.4	.4	.3	.1	.0									1984	1984	2464	2596
54/ 53	.1	.7	.4	.5	.4	.4	.2	.1	.0									1975	1975	2316	2253
52/ 51	.1	.5	.6	.4	.5	.4	.1	.0										1862	1862	1972	2039
50/ 49	.1	.4	.6	.6	.4	.3	.1	.0										1740	1741	1963	1974
48/ 47	.1	.6	.5	.5	.5	.3	.1	.0										1653	1654	2171	1620
46/ 45	.1	.6	.5	.6	.4	.1	.0											1643	1643	2097	1727
44/ 43	.0	.5	.7	.7	.3	.2	.0	.0										1729	1729	2093	1735
42/ 41	.1	.5	.7	.6	.3	.1	.0											1606	1606	1950	1926

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23947	KANSAS CITY INTL AP	73-81	ALL
STATION	STATION NAME	YEARS	MONTH

PAGE 1 ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
40 / 39	.1	.7	1.3	.9	.3	.2	.1											1902	1902	1942	1935
38 / 37	.1	.3	.3	.7	.1	.0												1822	1822	2126	1957
36 / 35	.1	.3	1.1	.5	.1	.2												1862	1862	2044	1949
34 / 33	.1	1.2	1.1	.4	.1	.0												1979	1979	2303	2069
32 / 31	.1	1.7	1.2	.4	.1	.2												2442	2442	2335	2900
30 / 29	.1	1.3	.5	.1	.1													1743	1743	2550	2422
28 / 27	.1	1.3	.5	.1	.1													1272	1272	2056	2336
26 / 25	.1	.9	.5	.1	.1													1133	1133	1650	2343
24 / 23	.1	.7	.3	.1														776	776	1183	1561
22 / 21	.1	.7	.4	.2														868	868	1015	1896
20 / 19	.1	.9	.4	.1														928	928	821	1953
18 / 17	.1	.6	.2															618	618	831	1326
16 / 15	.1	.7	.2															677	677	752	1141
14 / 13	.1	.7	.1															633	633	656	864
12 / 11	.1	.6	.1															519	519	660	799
10 / 9	.1	.5	.3															413	413	553	782
8 / 7	.1	.4	.2															325	325	421	729
6 / 5	.1	.3																265	265	317	461
4 / 3	.1	.3																254	254	260	539
2 / 1	.1	.3																263	263	263	614
0 / -1	.2	.1																175	175	228	350
-2 / -3	.1	.1																103	103	119	363
-4 / -5	.1	.1																95	95	102	305
-6 / -7	.1	.1																63	63	83	207
-8 / -9	.1																	71	71	72	240
-10 / -11	.1																	23	23	23	173
-12 / -13	.1																	11	11	11	69
-14 / -15																					12
-16 / -17																					7
-18 / -19																					1
-20 / -21																					1
-22 / -23																					1
-24 / -25																					1
-26 / -27																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SPECIAL CLIMATOLOGY STATION
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO	73-81	ALL
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — ALL HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
TOTAL	7.1	24.[illegible]	[illegible]	14.4	13.1	[illegible]	[illegible]	4.3	2.[illegible]	1.7	1.1	.6	.3	.2	.1	[illegible]	[illegible]	70111	70111	70111

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	335867181	4602511	66.9	17.633	70111	67.6	1669.7	2996.3	1927.6	1301.[illegible]	118.5	[illegible]
Dry Bulb	235632939	3765[illegible]7	53.7	21.842	70113							
Wet Bulb	135885143	3353[illegible]29	47.8	19.[illegible]81	70111	79.7	2136.[illegible]	1751.[illegible]	670.2	17.5		[illegible]
Dew Point	152860[illegible]99	2939185	41.9	20.564	70111	254.3	3063.9	1551.1	152.3	.4		[illegible]

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

3947 KANSAS CITY INTL MO 73-81
STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	21.3	27.5	36.6	51.4	58.8	67.6	73.7	71.2	62.4	51.7	39.7	29.4	49.6
00-02	S D	13.708	14.033	12.042	10.248	7.994	6.854	6.246	6.197	8.774	9.901	11.539	11.253	19.989
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
	MEAN	19.8	26.1	36.8	49.3	56.4	65.3	71.0	68.8	60.5	49.5	36.1	28.1	47.6
03-05	S D	13.666	13.877	12.095	10.196	8.228	6.668	5.643	6.042	8.928	9.888	11.698	11.353	19.647
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
	MEAN	18.9	25.0	36.2	49.8	58.3	68.0	73.2	69.8	60.8	49.2	37.4	27.3	47.9
06-08	S D	13.605	13.773	12.126	10.228	8.314	6.509	5.821	5.928	8.827	9.741	11.691	11.513	20.595
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
	MEAN	22.1	29.5	42.1	57.1	65.8	76.0	81.8	78.2	69.1	57.6	42.6	31.0	54.5
09-11	S D	13.545	14.524	12.595	10.864	8.405	6.650	7.014	6.794	8.879	9.665	12.202	11.453	22.309
	TOTAL OBS	743	676	743	720	743	720	744	744	720	744	720	744	8761
	MEAN	28.3	35.2	48.0	62.4	70.7	81.0	87.5	84.2	75.1	64.2	48.6	36.7	60.2
12-14	S D	13.620	15.309	13.579	11.603	8.759	7.047	7.924	7.707	9.613	10.541	13.076	12.120	22.554
	TOTAL OBS	744	678	744	720	744	720	743	744	720	744	720	744	8765
	MEAN	29.3	36.9	50.0	63.7	71.7	82.0	88.9	85.4	75.8	65.0	48.9	37.3	61.4
15-17	S D	13.752	15.690	13.813	11.561	8.751	7.149	7.887	7.757	10.019	10.785	13.041	12.267	22.588
	TOTAL OBS	744	678	744	719	744	720	744	744	720	744	719	744	8764
	MEAN	25.4	32.7	45.7	59.4	67.5	77.7	83.5	79.6	69.5	58.0	43.8	32.9	56.4
18-20	S D	13.349	14.516	12.657	10.667	8.173	7.054	7.316	7.043	9.340	9.847	11.635	11.345	21.826
	TOTAL OBS	744	678	743	720	741	720	744	744	720	744	720	744	8762
	MEAN	23.2	29.7	41.6	54.3	62.1	71.1	76.7	73.8	64.7	54.0	41.3	30.6	52.3
21-23	S D	13.487	14.146	12.156	10.066	7.779	6.843	6.219	6.067	8.701	9.715	11.359	11.401	20.349
	TOTAL OBS	744	678	744	720	741	720	744	744	720	744	720	744	8761
	MEAN	23.5	30.3	42.4	55.9	63.9	73.6	79.5	76.4	67.2	56.2	42.5	31.7	53.1
ALL HOURS	S D	14.033	15.030	13.546	11.908	9.950	9.138	9.334	9.016	10.778	11.553	12.738	12.101	21.842
	TOTAL OBS	5951	5422	5950	5759	5945	5760	5951	5952	5760	5952	5759	5952	70111

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13947 KANSAS CITY INTL MO 73-81

STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	19.3	24.9	35.1	46.6	54.8	63.1	67.7	66.1	58.4	47.2	35.3	26.8	45.6
00-02	S D	12.677	12.537	10.971	9.368	8.112	6.478	4.686	5.167	8.373	9.144	10.825	10.356	18.693
	TOTAL OBS	744	678	743	720	744	720	744	744	720	744	720	744	8765
	MEAN	18.0	23.8	33.8	45.2	53.3	61.8	66.5	64.9	57.3	45.8	35.2	25.8	44.4
03-05	S D	12.728	12.606	11.173	9.558	8.306	6.601	4.558	5.260	8.612	9.296	11.083	10.566	18.722
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
	MEAN	17.3	22.9	33.5	45.8	54.8	63.6	68.0	65.7	57.6	45.8	34.7	25.2	44.7
06-08	S D	12.739	12.631	11.313	9.607	8.241	6.127	4.426	5.041	8.497	9.284	11.337	10.856	19.443
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
	MEAN	19.9	26.3	37.5	50.1	58.8	67.3	71.7	69.7	62.1	50.8	38.3	28.0	48.5
09-11	S D	12.454	12.718	11.056	9.343	7.793	5.804	4.493	4.763	7.703	8.404	11.034	10.483	19.608
	TOTAL OBS	743	676	743	720	743	720	744	744	720	744	720	744	8761
	MEAN	24.2	30.3	41.0	52.8	60.9	68.8	73.2	71.6	64.4	53.9	41.8	31.6	51.3
12-14	S D	11.646	12.420	10.924	9.188	7.717	5.852	4.490	5.014	7.688	8.336	10.897	10.326	18.725
	TOTAL OBS	744	678	744	720	744	720	743	744	720	744	720	744	8765
	MEAN	25.2	31.3	42.1	53.2	61.2	69.1	73.3	71.9	64.3	53.9	41.7	32.1	51.7
15-17	S D	11.783	12.288	10.772	8.846	7.482	5.708	4.398	4.922	7.580	8.360	10.757	10.339	18.446
	TOTAL OBS	744	678	744	719	744	720	744	744	720	744	719	744	8764
	MEAN	22.4	28.7	39.6	51.0	59.3	67.6	71.8	70.0	61.9	50.6	38.8	29.2	49.3
18-20	S D	12.027	12.151	10.655	8.853	7.575	5.899	4.445	4.987	8.003	8.705	10.551	10.143	18.838
	TOTAL OBS	744	678	743	720	741	720	744	744	720	744	720	744	8762
	MEAN	20.8	26.6	37.0	48.4	56.8	64.9	69.2	67.4	59.6	48.5	37.3	27.6	47.1
21-23	S D	12.371	12.384	10.621	9.038	7.769	6.292	4.524	5.070	8.229	8.829	10.550	10.367	18.644
	TOTAL OBS	744	678	743	720	741	720	744	744	720	744	720	744	8762
	MEAN	20.9	26.9	37.4	49.1	57.5	65.8	70.2	68.4	60.7	49.6	38.0	28.3	47.8
ALL HOURS	S D	12.615	12.779	11.343	9.676	8.361	6.633	5.140	5.637	8.522	9.317	11.163	10.698	19.081
	TOTAL OBS	5951	5422	5948	5759	5945	5760	5951	5952	5760	5952	5759	5952	70111

USAF ETAC FORM OCT 78 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03947 KANSAS CITY INTL MO 73-81

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	12.6	19.0	29.4	41.3	51.4	60.2	64.4	63.1	55.5	42.5	31.2	21.0	41.1
	S D	14.314	13.389	12.258	10.810	9.697	7.411	5.553	6.062	9.508	10.498	12.257	11.735	20.383
	TOTAL OBS	744	678	743	720	744	720	744	744	720	744	720	744	8765
3-05	MEAN	11.8	18.2	28.9	40.7	50.6	59.6	63.9	62.5	54.9	41.8	30.7	20.5	40.4
	S D	14.362	13.490	12.327	10.789	9.602	7.287	5.141	5.874	9.504	10.512	12.346	11.916	20.437
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
06-08	MEAN	11.2	17.4	28.8	41.4	51.8	60.8	65.1	63.3	55.3	42.1	30.3	20.0	40.7
	S D	14.497	13.740	12.525	10.767	9.456	6.982	4.927	5.766	9.284	10.397	12.645	12.279	21.041
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
09-11	MEAN	12.9	19.6	30.8	43.3	53.4	62.2	66.8	65.2	57.4	44.1	32.2	21.3	42.6
	S D	14.347	13.558	12.516	11.015	9.868	7.575	5.594	6.085	9.316	10.341	12.559	12.130	20.996
	TOTAL OBS	743	676	743	720	743	720	744	744	720	744	720	744	8761
12-14	MEAN	15.2	21.7	31.9	43.8	53.7	61.9	66.4	65.2	57.4	44.5	33.1	23.1	43.3
	S D	13.770	12.981	12.533	11.358	10.363	8.331	6.240	6.967	9.994	10.874	12.722	12.160	20.421
	TOTAL OBS	744	678	744	720	744	720	743	744	720	744	720	744	8765
15-17	MEAN	15.8	21.9	32.2	43.6	53.5	61.8	65.7	65.0	56.8	43.9	32.6	22.8	43.1
	S D	13.554	12.586	12.384	11.223	10.345	8.218	6.577	6.967	9.963	11.137	12.724	12.283	20.197
	TOTAL OBS	744	678	744	719	744	720	744	744	720	744	719	744	8764
18-20	MEAN	14.5	20.9	31.3	42.7	53.0	61.7	65.9	64.9	56.6	43.2	31.9	21.8	42.5
	S D	13.754	12.861	12.181	11.135	10.194	7.905	6.131	6.701	9.786	11.028	12.435	11.910	20.468
	TOTAL OBS	744	678	743	720	741	720	744	744	720	744	720	744	8762
21-23	MEAN	13.8	20.1	30.5	42.1	52.5	61.0	65.2	63.8	55.8	42.8	31.4	21.2	41.8
	S D	14.063	13.134	11.870	10.815	9.732	7.558	5.672	6.308	9.649	10.504	12.243	11.937	20.362
	TOTAL OBS	744	678	743	720	741	720	744	744	720	744	720	744	8762
ALL HOURS	MEAN	13.5	19.8	30.5	42.4	52.5	61.1	65.4	64.1	56.2	43.1	31.7	21.5	41.9
	S D	14.159	13.301	12.381	11.039	9.963	7.714	5.820	6.429	9.666	10.698	12.518	12.080	20.564
	TOTAL OBS	5951	5422	5948	5759	5945	5760	5951	5952	5760	5952	5759	5952	70111

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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RELATIVE HUMIDITY

3947	KANSAS CITY INTL MO	74-81	JAN
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	99.6	98.8	93.5	76.9	48.9	24.1	6.5	71.4	744
	03-05	100.0	100.0	99.6	99.2	94.0	81.6	53.4	26.6	7.0	71.7	744
	06-08	100.0	100.0	99.6	99.5	94.5	82.0	57.3	27.7	7.7	72.3	744
	09-11	100.0	100.0	100.0	97.8	88.4	70.5	42.7	23.4	7.1	69.5	743
	12-14	100.0	100.0	98.4	89.7	70.2	43.8	25.1	14.4	5.0	60.3	744
	15-17	100.0	100.0	98.5	87.2	65.9	40.3	23.9	12.1	3.9	58.3	744
	18-20	100.0	100.0	99.5	97.4	82.9	56.7	30.6	14.5	4.8	64.3	744
	21-23	100.0	99.9	99.5	98.7	89.5	71.6	40.6	18.5	6.6	68.1	744
TOTALS		100.0	100.0	99.3	96.0	84.9	65.4	40.3	20.2	6.1	66.3	5951

USAFETAC FORM JUL 64 0-87-5 (OL A)

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

13947 KANSAS CITY INTL MO 74-81 FEB
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.9	98.1	92.0	78.9	54.7	27.6	6.9	71.3	678
	03-05	100.0	100.0	99.7	99.0	94.0	82.3	60.5	31.6	6.0	72.9	678
	06-08	100.0	100.0	99.6	99.4	94.7	82.9	62.2	31.9	8.0	73.5	678
	09-11	100.0	99.9	99.4	96.6	87.4	68.0	44.7	19.8	5.6	67.9	676
	12-14	100.0	99.6	95.9	89.2	72.0	46.0	24.6	13.7	5.3	61.3	678
	15-17	100.0	98.5	93.2	82.9	65.3	41.9	21.7	11.2	4.4	57.6	678
	18-20	100.0	99.3	97.3	91.0	81.6	61.8	34.7	14.7	4.9	64.1	678
	21-23	100.0	99.7	99.6	97.2	89.5	74.6	48.5	21.1	5.3	68.9	673
TOTALS		100.0	99.6	98.1	94.2	84.6	67.1	44.0	21.5	5.8	67.1	5422

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

13947 KANSAS CITY INTL MO 74-81 MAR
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	97.8	89.5	74.3	56.0	29.7	6.5	70.9	743
	03-05	100.0	100.0	100.0	99.5	94.4	83.1	62.1	36.7	11.0	74.0	744
	06-08	100.0	100.0	100.0	99.5	96.4	84.7	64.2	40.3	14.4	75.3	744
	09-11	100.0	100.0	99.2	94.8	79.1	59.8	41.7	22.7	7.7	66.0	743
	12-14	100.0	99.7	93.1	78.9	57.0	40.5	24.1	14.2	5.1	56.9	744
	15-17	100.0	98.5	89.4	70.0	50.5	35.9	23.1	14.8	3.9	54.2	744
	18-20	100.0	99.9	95.2	84.0	66.4	48.6	31.2	14.7	4.2	60.6	743
	21-23	100.0	100.0	98.9	94.1	81.6	65.1	44.7	20.2	6.2	66.6	743
TOTALS		100.0	99.8	97.0	89.8	76.9	61.5	43.4	24.2	7.4	65.5	5948

2

CL MAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13947	KANSAS CITY INTL MO	74-81	APR
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	97.2	86.4	70.7	50.8	30.7	6.9	69.9	720
	03-05	100.0	100.0	100.0	98.6	92.9	76.9	59.3	36.3	12.1	73.5	720
	06-08	100.0	100.0	100.0	99.6	93.8	81.7	61.0	35.1	11.1	73.6	720
	09-11	100.0	100.0	98.6	88.3	69.4	51.1	33.5	19.7	5.1	62.3	720
	12-14	100.0	99.2	90.6	69.9	50.7	34.4	23.2	10.0	4.3	53.7	720
	15-17	100.0	98.5	85.1	62.4	45.8	32.3	21.3	11.4	2.8	51.7	719
	18-20	100.0	99.6	93.6	76.4	55.8	41.7	27.1	16.1	3.9	57.3	720
	21-23	100.0	100.0	99.6	93.1	76.5	58.1	41.1	22.8	5.7	65.5	720
TOTALS		100.0	99.7	95.9	85.7	71.4	56.1	39.7	22.8	6.5	63.5	5759

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

3947 KANSAS CITY INTL MO 74-81 MAY
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	99.5	97.3	88.0	69.9	44.4	17.5	77.3	744
	03-05	100.0	100.0	100.0	99.7	98.7	93.5	82.8	56.0	25.3	81.8	744
	06-08	100.0	100.0	100.0	100.0	98.7	91.3	77.7	48.9	21.0	79.6	744
	09-11	100.0	99.9	99.6	95.3	83.2	63.0	36.9	21.0	6.2	66.0	743
	12-14	100.0	99.6	96.9	82.3	63.3	39.6	20.4	10.8	3.6	57.2	744
	15-17	100.0	99.6	94.8	77.3	55.2	34.3	19.2	11.7	4.8	55.2	744
	18-20	100.0	99.9	98.9	89.5	71.5	50.6	30.6	17.0	5.5	61.9	741
	21-23	100.0	100.0	99.7	98.2	92.4	76.5	54.5	30.9	10.0	72.0	741
TOTALS		100.0	99.9	98.7	92.7	82.5	67.1	49.0	30.1	11.7	68.3	5945

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

3947 KANSAS CITY INTL MO 73-80 JUN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.4	91.5	70.6	42.8	14.0	77.7	720
	03-05	100.0	100.0	100.0	100.0	99.7	96.9	84.3	59.9	23.1	82.3	720
	06-08	100.0	100.0	100.0	100.0	99.4	91.5	73.1	45.8	15.4	78.4	720
	09-11	100.0	100.0	100.0	95.6	79.6	54.9	32.9	15.0	4.2	63.7	720
	12-14	100.0	100.0	97.1	80.4	52.9	31.7	15.0	6.7	2.5	54.2	720
	15-17	100.0	100.0	95.1	76.4	50.1	26.1	11.8	5.4	1.8	52.3	720
	18-20	100.0	100.0	98.8	90.6	70.3	45.8	23.1	9.3	3.2	59.7	720
	21-23	100.0	100.0	100.0	99.9	94.6	75.7	54.7	27.6	7.2	71.4	720
TOTALS		100.0	100.0	98.9	92.9	80.8	64.3	45.7	26.6	8.9	67.5	5760

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

3947 KANSAS CITY INTL MO 73-80 JUL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	99.8	93.4	80.2	62.1	37.2	10.8	74.0	744
	03-05	100.0	100.0	100.0	100.0	97.7	89.7	76.9	50.7	16.8	78.9	744
	06-08	100.0	100.0	100.0	99.9	97.3	88.6	68.8	43.0	13.2	76.7	744
	09-11	100.0	100.0	99.2	93.3	76.2	50.8	28.6	13.3	3.4	62.1	744
	12-14	100.0	99.6	93.7	73.5	49.5	26.4	14.3	5.0	1.6	51.0	743
	15-17	100.0	99.3	87.6	66.1	40.9	22.3	10.8	3.6	1.1	48.7	744
	18-20	100.0	99.9	95.7	86.0	64.2	40.9	23.3	8.5	1.7	57.5	744
	21-23	100.0	100.0	100.0	97.0	88.0	70.3	48.1	28.1	5.6	69.2	744
TOTALS		100.0	99.9	97.0	89.3	75.9	58.7	41.6	23.7	6.8	64.9	5951

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

3947 KANSAS CITY INTL MO — STATION / STATION NAME
73-80 — PERIOD
AUG — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	99.6	96.5	85.1	69.8	42.7	14.5	76.8	744
	03-05	100.0	100.0	100.0	99.6	98.7	93.0	78.6	60.1	20.6	81.0	744
	06-08	100.0	100.0	99.9	99.3	98.0	93.0	79.3	56.1	21.1	80.8	744
	09-11	100.0	100.0	98.9	95.3	82.7	60.3	37.5	20.7	6.6	65.9	744
	12-14	100.0	99.6	94.9	80.6	57.3	33.7	18.3	9.8	2.2	55.3	744
	15-17	100.0	99.5	92.7	75.9	53.6	28.8	16.3	6.3	2.2	52.1	744
	18-20	100.0	99.9	97.7	90.3	76.5	55.6	32.3	16.5	2.8	62.7	744
	21-23	100.0	100.0	100.0	99.2	89.9	77.3	59.9	35.6	7.3	72.4	744
TOTALS		100.0	99.9	98.0	92.5	81.7	65.9	49.0	32.0	9.7	68.5	5952

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

3947 KANSAS CITY INTL MO 73-80 SEP
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	98.6	96.4	90.4	78.3	50.6	16.7	78.9	720
	03-05	100.0	100.0	100.0	100.0	97.8	93.6	85.1	63.6	23.8	82.3	720
	06-08	100.0	100.0	100.0	99.9	98.9	95.0	86.1	64.2	24.9	82.9	720
	09-11	100.0	100.0	99.3	95.3	85.0	64.9	44.6	25.4	7.5	68.3	720
	12-14	100.0	100.0	95.3	80.0	57.6	39.6	25.3	12.1	2.5	56.9	720
	15-17	100.0	99.6	92.5	75.1	50.4	34.9	23.2	11.1	3.2	54.7	720
	18-20	100.0	99.9	99.0	92.6	79.2	60.3	40.6	21.1	6.7	69.6	720
	21-23	100.0	100.0	99.7	98.1	94.2	82.4	61.8	36.0	13.2	74.2	720
TOTALS		100.0	99.9	98.2	92.5	82.4	70.1	55.6	35.5	12.3	70.4	5760

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

3947 KANSAS CITY INTL MO | 73-80 | OCT
STATION / STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	99.7	97.6	91.4	76.1	56.5	33.3	12.5	72.3	744
	03-05	100.0	100.0	100.0	98.7	94.2	83.9	67.7	42.5	15.1	75.7	744
	06-08	100.0	100.0	100.0	98.7	96.1	89.0	72.0	45.0	17.6	77.5	744
	09-11	100.0	100.0	98.7	90.1	73.0	50.4	32.0	19.1	9.0	62.9	744
	12-14	100.0	98.4	89.5	69.1	43.0	29.2	18.1	11.4	4.3	51.9	744
	15-17	100.0	97.7	85.1	61.0	37.4	25.3	16.5	12.1	3.4	49.6	744
	18-20	100.0	100.0	96.5	85.8	68.1	46.2	28.4	17.1	6.0	63.4	744
	21-23	100.0	100.0	99.3	94.5	83.5	66.1	42.5	23.7	9.8	67.7	744
TOTALS		100.0	99.5	96.1	86.9	73.3	58.3	41.7	25.5	9.7	64.8	5952

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

3947 KANSAS CITY INTL MO 73-80 NOV
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.9	92.5	76.6	57.2	34.9	9.7	72.7	720
	03-05	100.0	100.0	100.0	100.0	96.1	84.2	62.9	39.7	13.9	75.3	720
	06-08	100.0	99.9	99.9	99.9	97.8	88.9	66.4	41.7	15.0	75.4	720
	09-11	100.0	99.9	99.7	95.8	83.5	64.9	47.1	28.1	10.4	68.4	721
	12-14	100.0	99.9	95.1	88.0	59.4	42.2	27.4	16.0	5.4	58.0	721
	15-17	100.0	99.7	94.4	78.0	54.9	37.8	26.1	16.0	6.0	56.6	719
	18-20	100.0	100.0	99.4	94.2	76.8	56.3	36.7	22.6	6.5	64.6	720
	21-23	100.0	100.0	100.0	96.8	87.2	69.2	45.7	28.5	9.5	69.2	720
TOTALS		100.0	99.9	98.6	93.1	81.0	65.0	46.2	27.6	9.3	67.7	5759

...L CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

3747 KANSAS CITY INTL MO | 73-80 | DEC

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

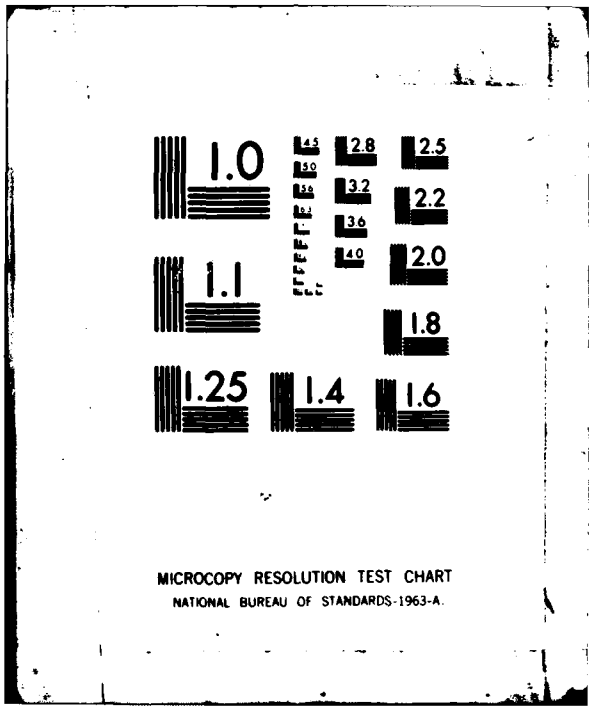
MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
DEC	00-02	100.0	100.0	100.0	98.3	92.5	80.0	59.7	27.3	3.8	71.7	744
	03-05	100.0	100.0	100.0	99.1	94.4	83.6	64.8	31.3	7.1	73.0	744
	06-08	100.0	100.0	100.0	99.9	96.0	85.2	67.9	35.9	9.1	74.4	744
	09-11	100.0	100.0	99.9	98.3	88.7	73.0	51.2	26.2	5.5	69.7	744
	12-14	100.0	99.7	97.2	87.2	68.8	47.0	28.1	14.2	2.3	63.3	744
	15-17	100.0	99.7	95.3	84.0	65.6	42.6	25.3	11.8	3.0	58.2	744
	18-20	100.0	100.0	98.3	93.4	83.6	64.8	39.2	16.4	3.6	65.4	744
	21-23	100.0	100.0	99.6	97.0	89.1	74.1	50.9	23.0	4.4	69.3	744
TOTALS		100.0	99.9	98.8	94.7	84.8	68.6	48.3	23.3	5.2	67.6	5951

USAFETAC FORM JUL 64 0-87-5 (OL A)

AD-A113 179 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KANSAS CITY IAP, MISSOURI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-82/003 SBI-AD-E850 135 NL




1.0
1.1
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

3947 KANSAS CITY INTL MO 73-81 ALL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.3	96.0	84.9	65.4	40.3	20.2	6.1	66.6	5951
FEB		100.0	99.6	98.1	94.2	84.6	67.1	44.0	21.5	5.8	67.1	5422
MAR		100.0	99.8	97.0	89.8	76.9	61.5	43.4	24.2	7.4	65.5	5948
APR		100.0	99.7	95.9	85.7	71.4	56.1	39.7	22.8	6.5	63.9	5759
MAY		100.0	99.9	98.7	92.7	82.5	67.1	49.0	30.1	11.7	66.6	5945
JUN		100.0	100.0	98.9	92.9	80.8	64.3	45.7	26.6	8.9	67.5	5760
JUL		100.0	99.9	97.0	89.3	75.9	58.7	41.6	23.7	6.8	64.9	5951
AUG		100.0	99.9	98.0	92.5	81.7	65.9	49.0	32.0	9.7	68.5	5952
SEP		100.0	99.9	98.2	92.5	82.4	70.1	55.6	35.5	12.3	70.4	5760
OCT		100.0	99.5	96.1	86.9	73.3	58.3	41.7	25.5	9.7	64.8	5952
NOV		100.0	99.9	98.6	93.1	81.0	65.0	46.2	27.6	9.3	67.7	5759
DEC		100.0	99.9	98.8	94.7	84.8	68.8	48.3	23.3	5.2	67.8	5952
TOTALS		100.0	99.8	97.9	91.7	80.0	64.0	45.4	26.1	8.3	66.9	70111

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

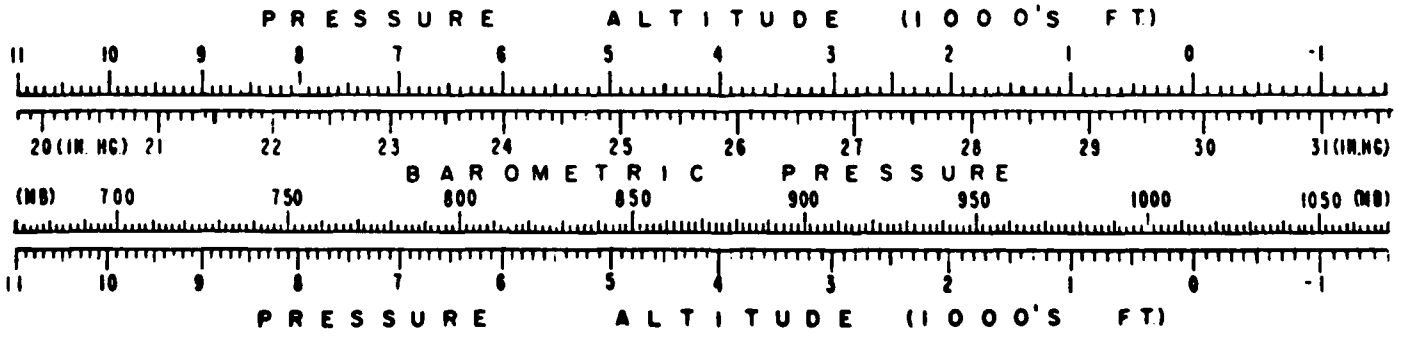
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

03947 KANSAS CITY INTL MO 73-81

STATION STATION NAME YEARS

HRS (L.S.T.)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	29.030	28.977	28.870	28.870	28.837	28.858	28.902	28.916	28.941	28.958	28.977	28.976	28.926
	S D	.249	.259	.237	.207	.145	.147	.092	.109	.143	.189	.219	.248	.203
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
03	MEAN	29.035	28.971	28.860	28.863	28.831	28.854	28.897	28.910	28.938	28.955	28.973	28.970	28.921
	S D	.250	.260	.246	.209	.148	.153	.091	.108	.146	.194	.221	.251	.206
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
06	MEAN	29.029	28.969	28.865	28.877	28.845	28.873	28.915	28.927	28.955	28.969	28.972	28.959	28.929
	S D	.252	.259	.250	.213	.153	.155	.092	.110	.150	.197	.226	.259	.208
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
09	MEAN	29.057	28.995	28.889	28.900	28.868	28.889	28.936	28.945	28.979	28.993	29.001	28.986	28.953
	S D	.257	.260	.255	.216	.158	.158	.093	.113	.151	.199	.225	.263	.211
	TOTAL OBS	247	226	248	240	248	240	248	248	240	248	240	248	2921
12	MEAN	29.052	28.995	28.880	28.890	28.854	28.879	28.923	28.934	28.966	28.978	28.985	28.977	28.942
	S D	.260	.259	.256	.214	.157	.155	.093	.115	.150	.199	.225	.260	.211
	TOTAL OBS	248	226	248	240	248	240	247	248	240	248	240	248	2921
15	MEAN	29.003	28.945	28.836	28.854	28.822	28.848	28.892	28.899	28.924	28.932	28.944	28.940	28.903
	S D	.259	.254	.250	.205	.154	.149	.093	.112	.147	.196	.223	.252	.205
	TOTAL OBS	248	226	248	239	248	240	248	248	240	248	240	248	2921
18	MEAN	29.012	28.950	28.833	28.843	28.800	28.824	28.864	28.875	28.912	28.93[illegible]	[illegible]28.957		28.896
	S D	.254	.253	.245	.200	.150	.146	.095	.112	.147	.19[illegible]	[illegible]	.249	.205
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	[illegible]40	248	2921
21	MEAN	29.027	28.973	28.862	28.871	28.824	28.842	28.887	28.903	28.939	28.955	28.972	28.977	28.919
	S D	.252	.252	.235	.198	.144	.144	.094	.107	.146	.187	.220	.246	.202
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921
ALL HOURS	MEAN	29.031	28.972	28.862	28.871	28.835	28.858	28.902	28.914	28.944	28.959	28.972	28.968	28.924
	S D	.254	.257	.247	.208	.152	.152	.095	.113	.149	.195	.222	.254	.207
	TOTAL OBS	1983	1808	1984	1919	1982	1920	1983	1984	1920	1984	1920	1984	23371

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

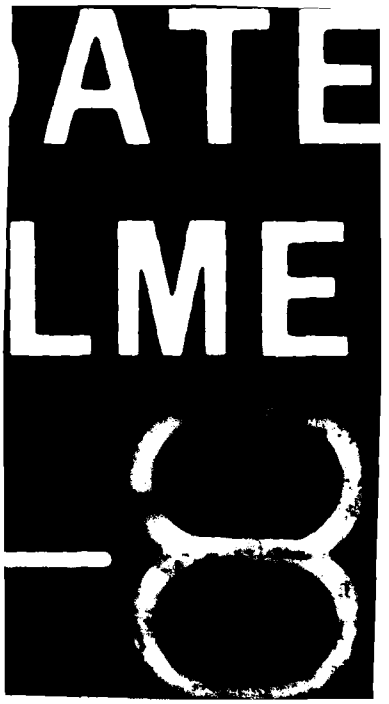
MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13947 KANSAS CITY INTL MO 73-81

STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	1021.7	1019.4	1015.1	1014.4	1012.8	1013.3	1014.6	1015.2	1016.3	1017.4	1018.8	1019.3	1016.5
	S D	9.188	9.607	8.695	7.459	5.268	5.191	3.375	3.903	5.210	6.917	7.975	9.070	7.584
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
03	MEAN	1021.7	1019.2	1014.7	1014.1	1012.6	1013.1	1014.5	1015.0	1016.2	1017.3	1018.6	1019.0	1016.3
	S D	9.197	9.552	8.937	7.525	5.348	5.453	3.269	3.870	5.295	7.103	8.071	9.124	7.668
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
06	MEAN	1021.6	1019.2	1014.9	1014.7	1013.2	1013.8	1015.2	1015.6	1016.8	1017.9	1018.7	1018.8	1016.7
	S D	9.248	9.608	9.139	7.647	5.512	5.532	3.269	3.940	5.344	7.178	8.241	9.432	7.701
	TOTAL OBS	246	226	248	240	248	240	248	248	240	248	240	248	2922
09	MEAN	1022.7	1020.2	1015.8	1015.5	1013.9	1014.3	1015.8	1016.2	1017.7	1018.8	1019.7	1019.7	1017.5
	S D	9.527	9.615	9.285	7.724	5.642	5.606	3.339	4.014	5.445	7.335	8.223	9.535	7.835
	TOTAL OBS	247	226	248	240	248	240	248	248	240	248	240	248	2921
12	MEAN	1022.4	1020.1	1015.5	1015.1	1013.4	1013.9	1015.4	1015.9	1017.2	1018.2	1019.1	1019.4	1017.1
	S D	9.563	9.584	9.337	7.705	5.583	5.440	3.316	4.067	5.444	7.268	8.247	9.435	7.827
	TOTAL OBS	248	226	248	240	248	240	247	248	240	248	240	248	2921
15	MEAN	1020.6	1018.2	1013.8	1013.8	1012.4	1012.9	1014.2	1014.6	1015.7	1016.5	1017.5	1018.0	1015.7
	S D	9.461	9.368	9.132	7.383	5.379	5.284	3.283	3.991	5.332	7.056	8.158	9.149	7.596
	TOTAL OBS	248	226	248	239	248	240	248	248	240	248	240	248	2921
18	MEAN	1021.0	1018.6	1013.8	1013.5	1011.6	1012.1	1013.4	1013.8	1015.4	1016.6	1018.1	1018.7	1015.5
	S D	9.350	9.374	8.915	7.196	5.417	5.172	3.350	3.966	5.354	6.877	7.945	9.068	7.672
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921
21	MEAN	1021.6	1019.3	1014.9	1014.5	1012.4	1012.6	1014.1	1014.7	1016.3	1017.5	1018.8	1019.4	1016.3
	S D	9.250	9.306	8.629	7.112	5.211	5.196	3.346	3.816	5.258	6.832	8.009	9.007	7.573
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921
ALL HOURS	MEAN	1021.7	1019.3	1014.8	1014.5	1012.8	1013.3	1014.6	1015.1	1016.5	1017.5	1018.7	1019.0	1016.5
	S D	9.353	9.504	9.021	7.484	5.454	5.396	3.393	4.006	5.374	7.097	8.117	9.227	7.707
	TOTAL OBS	1983	1808	1984	1919	1982	1920	1983	1984	1920	1984	1920	1984	23371


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