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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

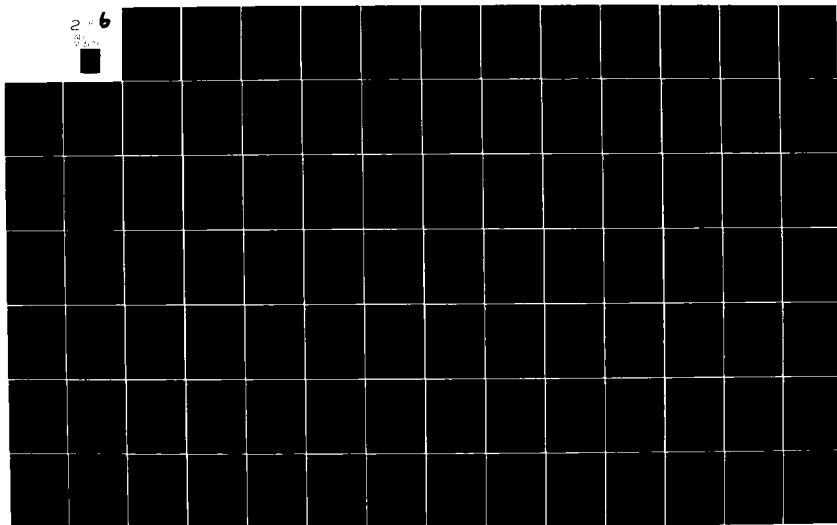
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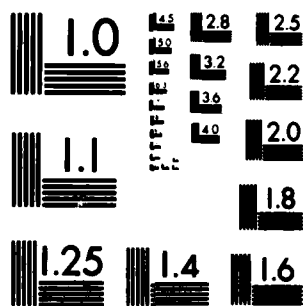
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFMPC/AFMPC
 1. CLIMATE SERVICE/AFMPC

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

SURFACE WINDS

1947 KANSAS CITY INTL MO 73-80
 STATION MONTH YEARS
 ALL WEATHER
 CLASS
 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	5.9
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	7.4
SE	.0	2.9	2.9	1.0								7.4	7.3
SSE	.1	3.9	4.4	1.8								10.3	7.7
S	.7	6.3	9.2	4.1	.7							22.6	9.1
SSW	.3	2.6	2.8	2.9	.1	.1						6.9	8.7
SW	.3	2.2	1.0	.8	.1							4.4	7.8
WSW	.7	2.6	1.0	.4	.1							4.9	6.2
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								2.6	6.2
NNW	.1	.6	1.1	.3								2.1	7.9
VARBL													
CALM												5.2	
	4.3	37.4	53.9	16.5	1.5	.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 720

AIRIAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 0147 STATION NAME KANSAS CITY INTL MO YEARS 73-80 MONTH JUN
CLASS ALL WEATHER HOURS (L.S.T.) 1600-0000
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	1.0	.7								3.7	7.4
NNE		1.0	.7	.1								1.8	7.4
NE		1.4	1.1	.3	.1							2.9	7.0
ENE		1.1	1.0	.7								3.7	5.4
E	.2	3.2	1.0	1.0	.1							5.5	7.0
ESE		1.1	2.1	.6								3.7	7.0
SE	.1	1.4	2.4	.6	.3							4.7	6.7
SSE	.1	3.1	3.6	2.9								6.7	6.6
S	.1	4.0	6.5	9.7	1.7							24.9	10.3
SSW	.4	2.8	3.6	2.4	.4							9.4	9.7
SW	.4	2.1	2.1	1.4	.3							6.2	6.1
WSW	.4	2.4	.7	.4								3.4	6.2
W	.6	2.1	1.5	.6								4.7	6.3
WNW	.3	1.9	1.2	.6								4.0	7.0
NW	.3	1.0	.7	.6	.1							3.2	7.7
NNW	.1	1.0	1.0	.4								2.5	7.7
VARBL													
CALM												1.4	
	7.2	32.5	34.0	22.8	3.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 72

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFSTAC
 WEATHER SERVICE/NAO

SURFACE WINDS

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

47 STATION KANSAS CITY INTL MO STATION NAME 77-80 YEARS 100 NORTH
 ALL WEATHER CLASS 1907-1971 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	1.7	1.7								1.7	1.7
NNE		.7	1.7	.3								1.7	1.7
NE		.6	1.1	.6								1.7	1.7
ENE	.1	1.1	1.8	.3								1.7	1.7
E	.1	.6	3.5	1.0	.1							1.7	1.7
ESE	.1	1.3	1.5	1.1	.1							1.7	1.7
SE		1.1	2.1	1.3								1.7	1.7
SSE		.9	1.8	2.9	.1							1.7	1.7
S	.5	2.5	7.1	10.0	1.0	.1						1.7	1.7
SSW		1.7	4.9	5.1	1.1							1.7	1.7
SW	.3	2.3	2.0	2.6	.1							1.7	1.7
WSW		1.7	1.5	1.3								1.7	1.7
W	.7	1.7	2.1	1.1								1.7	1.7
WNW	.3	1.5	1.1	2.2	.1							1.7	1.7
NW	.1	.7	1.4	1.1								1.7	1.7
NNW		.6	1.0	.6								1.7	1.7
VARBL												1.7	1.7
CALM												1.7	1.7
	1.5	20.7	36.7	35.0	3.8	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 719

METEOROLOGICAL BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 47 STATION NAME KANSAS CITY INTL MO YEARS 73-81 MONTH JUN
 ALL WEATHER CLASS ALL WEATHER MONTHS (L.S.T.) 1200-1400
 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							3.4	1.0
NNE		1.1	1.5	.8								3.5	6.2
NE	.4	.4	1.8	.1								2.3	7.1
ENE	.2	.4	1.1	.7								2.4	8.6
E	.7	.7	2.6	1.4	.1							3.1	9.2
ESE	.1	.3	1.5	1.1	.1							3.7	9.3
SE		1.4	1.8	2.5								5.7	9.5
SSE		1.5	2.6	4.9	.3							9.3	11.7
S		2.2	5.1	10.1	2.8							21.2	11.7
SSW		1.5	3.7	4.0	1.0	.3						10.5	11.4
SW		.2	2.4	2.5	.6							6.2	11.0
WSW	.1	.6	1.9	1.5								4.2	9.7
W		1.2	2.1	1.9								5.3	9.5
WNW		.3	1.8	2.4								5.0	10.4
NW		.7	1.7	1.4								3.1	9.9
NNW	.1	.3	1.5	1.8								3.7	10.5
VARBL													
CALM												2.2	
	1.2	15.7	35.3	39.3	5.4	.3						115.0	10.2

TOTAL NUMBER OF OBSERVATIONS 700

NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 ALL WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 47 STATION NAME KANSAS CITY INTL MO YEARS 77-80 MONTHS JULY
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
 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								2.9	10.2
NE		1.0	1.1	.8								2.9	8.7
ENE		1.0	.5	.4								2.2	8.1
E	.3	.3	2.1	1.5	.4	.1						5.3	10.1
ESE	.1	1.5	2.4	1.4								2.4	8.7
SE	.1	1.4	1.9	1.1								4.6	8.7
SSE	.7	.4	3.9	2.6	.6	.1						7.9	10.7
S	.3	1.7	7.4	11.0	2.8	.6						23.6	12.7
SSW		.8	4.4	4.7	.6	.4						11.0	11.7
SW		.3	3.1	2.4	.1							5.4	10.3
WSW		1.0	1.8	1.4								4.2	4.7
W	.3	1.1	2.4	.8								4.6	3.1
WNW		.1	1.2	1.9								3.3	11.3
NW	.1	.4	1.9	1.8								4.3	7.5
NNW	.1	1.0	1.8	.8	.1							3.9	9.1
VARBL													
CALM												1.0	
	1.7	14.3	41.0	35.1	5.1	1.2						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 720

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 U.S. WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 07-47 STATION NAME KANSAS CITY INTL MO YEARS 77-80 MONTH JUN
 CLASS ALL WEATHER PERIOD 1977-1980
 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	2.2	2.1	.8	.3							1.6	8.1
NNE	.1	.4	.4	.4	.1							1.5	9.5
NE	.1	1.1	.8	1.1								2.2	8.6
ENE		.7	1.2	.6	.1							2.6	9.1
E	.1	2.2	3.5	.7								5.5	7.7
ESE	.1	1.9	2.8	1.8	.1							5.7	8.6
SE	.1	2.2	3.7	1.0								7.1	7.7
SSE	.1	2.5	3.7	2.2	.4							4.0	8.7
S		0.2	8.9	11.5	1.2	.3						28.2	10.7
SSW		1.0	3.1	1.4	.3							6.7	8.9
SW	.1	1.5	.4	.4								2.5	8.7
WSW	.3	1.9	1.2	.3								3.7	8.3
W	.4	1.7	.8	.7								3.6	7.7
WNW	.1	.7	.6	.1								1.5	6.3
NW		1.9	.8	1.5	.1							4.4	8.9
NNW		1.7	1.5	1.1								3.6	8.3
VARBL													
CALM												3.5	
	1.9	30.1	35.7	25.7	2.8	.3						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 72

U.S. AIR FORCE
 USAFETAC
 WEATHER SERVICE/NAO

SURFACE WINDS

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

1047 STATION KANSAS CITY INTL MO 73-80 YEARS MONTH 00
 STATION NAME ALL WEATHER CLASS 1100-2300 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	.6	.1							4.6	4.2
NNE	.1	1.7	.3	.1	.1							2.4	6.5
NE	.3	1.1	1.1	.1								2.5	6.7
ENE	.1	2.3	1.6	.1								4.3	6.3
E		2.9	2.9	.7								6.5	7.1
ESE	.1	3.5	2.2	1.0								6.3	7.2
SE	.3	4.4	2.9	1.0								6.3	7.1
SSE	.1	5.5	5.8	2.1								17.9	7.3
S	.3	5.4	7.4	10.0	1.0							27.1	9.3
SSW		2.5	1.4	1.2	.3							5.4	8.0
SW	.1	1.9	.3	.1								3.1	6.4
WSW		1.4	.1	.1								1.7	6.6
W	.1	.8		.6								1.5	7.2
WNW	.3	1.7	.6	.7								3.2	7.3
NW		1.1	1.0	.1								2.2	6.6
NNW		.9	1.1	.4								2.4	7.5
VARBL													
CALM												4.0	
	1.2	39.4	33.7	19.3	1.5							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 720

U.S. AIR FORCE
 1. CLIMATE BRANCH
 AFSTAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

47 STATION KANSAS CITY INTL MO 73-80 YEARS 30
 STATION NAME NORTH
 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	6.6
NNE	.2	.9	.9	.5	.2							2.3	.7
NE	.2	1.7	1.1	.4	.1							2.7	7.8
ENE	.1	1.4	1.2	.4	.2							2.3	7.8
E	.2	2.1	2.7	1.1	.1	.2						5.2	5.1
ESE	.2	1.9	2.2	1.0	.1							5.1	6.7
SE	.2	2.3	2.7	1.2	.2							6.5	7.3
SSE	.1	2.5	3.7	2.7	.2	.2						6.5	6.4
S	.3	4.5	8.3	9.5	1.6	.1						24.5	10.5
SSW	.1	2.5	3.3	3.2	.5	.1						7.3	10.2
SW	.2	1.8	1.7	1.4	.2							5.3	5.7
WSW	.2	1.7	1.1	.7	.2							3.8	7.5
W	.2	1.7	1.2	.9				.2				4.1	7.5
WNW	.2	1.4	1.7	1.1	.2							3.7	6.7
NW	.1	1.1	1.1	.9	.2							3.3	6.4
NNW	.1	.7	1.3	.7	.2							2.4	8.7
VARBL													
CALM												3.8	
	2.4	24.4	35.7	26.5	3.2	.3		.2				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 5750

SURFACE WINDS

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

U.S. AIR FORCE CLIMATOLOGY BRANCH
WALLACIA
U.S. WEATHER SERVICE/NAAL

47 STATION 73-80 JUL MONTH
KANSAS CITY INTL MO STATION NAME YEARS
ALL WEATHER CLASS
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	2.7	.8	.1								2.4	6.1
NNE	.1	2.8	.9	.4								3.2	6.3
NE	.4	2.8	.9	.5								4.7	6.4
ENE	.1	1.2	.8	.7								2.8	7.4
E	.3	3.5	3.0	.7								7.4	8.7
ESE	.1	4.7	1.5									5.6	5.9
SE	.1	4.7	2.4	.1								7.4	5.2
SSE	.5	4.6	4.6	.3								1.9	6.5
S	.3	7.4	13.2	4.4	.5							25.1	8.3
SSW	.1	3.2	5.1	3.0	.4							11.1	8.9
SW	.4	1.7	1.6	.4								3.8	6.5
WSW		1.7	.3									1.8	5.2
W	.1	1.3	.3	.1								1.9	2.7
WNW	.3	1.5	.1									2.9	4.1
NW		.9	.1	.1								1.2	6.2
NNW	.3	1.2	.3	.1								1.9	5.6
VARBL													
CALM												4.8	
	3.5	43.8	35.9	11.0	.9							106.0	6.5

TOTAL NUMBER OF OBSERVATIONS 744

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

47 STATION KANSAS CITY INTL MO 73-PO YEARS
STATION NAME ALL WEATHER CLASS MONTH JUL
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		.1							1.9	6.4
NNE	.1	3.0	.7	.3	.1	.1						4.3	7.3
NE	.3	3.0	1.9	.7								5.9	8.3
ENE	.4	1.5	.8	.7	.3							3.6	5.0
E	.3	2.6	1.7	.5								5.1	6.9
ESE	.4	2.8	.9	.3								4.4	5.7
SE	.7	4.2	2.8									7.3	8.7
SSE	.1	3.2	3.6	.4								7.5	8.9
S	.8	9.5	9.8	2.4								22.8	7.7
SSW	.7	3.9	6.5	2.7	.3							14.0	8.3
SW	.3	2.4	2.7	.7								6.5	7.7
WSW	.3	1.3	.3									1.9	5.3
W	.1	1.5	.5									3.2	5.3
WNW	.3	1.1	.3									1.6	4.4
NW	.9	1.5	.5									3.0	4.6
NNW		.3	.7									1.6	6.1
VARBL													
CALM												7.3	
	5.2	43.4	34.5	9.6	.8	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE
CLIMATE SERVICE
CLIMATE SERVICE/AF

SURFACE WINDS

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

STATION 47 KANSAS CITY INTL MO 73-60 YEARS MONTH JUNE
CLASS ALL WEATHER HOURS (L.S.T.) 1000
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	1.4	.1								.4	7.1
NNE	.4	1.6	1.2	.4	.3							.5	7.4
NE	.4	1.9	2.2	.5								.5	7.1
ENE	.3	1.1	1.7	.5								.5	7.5
E	.4	2.2	1.7	.1								.4	6.7
ESE	.1	3.1	2.6	.5								.3	7.0
SE	.1	3.1	2.6	.3								.2	6.7
SSE	.3	3.5	2.7	.9								.4	7.1
S	.3	5.5	13.1	3.6								1.5	6.1
SSW	.1	3.9	7.4	2.8	.9							1.1	6.8
SW	.4	2.2	3.4	.9	.1							.4	7.0
WSW	.4	1.7	2.2									.3	6.7
W	.4	2.7	.3									.7	4.0
WNW		1.2	.3									.5	5.5
NW	.1	.6	.5	.1								.7	6.0
NNW	.1	1.5	.9									.6	6.1
VARBL													
CALM												.0	
	4.0	36.4	41.4	11.0	1.2							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE METEOROLOGICAL BRANCH
AFOTAC
METEOROLOGICAL 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			
CONDITION			
1900-1100			
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	3.4	2.2								7.1	7.1
NNE		.7	2.2	.5	.1							3.5	3.5
NE		.7	1.1	.5								3.3	3.3
ENE	.4	.7	1.3	.9								3.4	3.4
E	.4	1.3	2.2	.3								4.2	7.1
ESE	.1	1.2	3.2	.9								5.5	8.1
SE		2.4	3.4	1.3								7.1	7.1
SSE	.7	.9	2.7	.9								5.2	8.1
S	.3	4.3	7.0	3.5	.4							15.4	8.4
SSW		3.0	6.7	4.7	.7							15.1	8.8
SW	.1	2.3	4.7	3.5	.5							11.6	9.3
WSW	.1	.9	2.7	.9								4.7	8.0
W	.1	2.6	1.1	.3								4.2	8.0
WNW		1.2	1.6									3.8	7.2
NW	.4	1.1	.8									2.3	8.8
NNW	.1	.7	.9	.1								1.9	7.0
VARBL													
CALM												2.9	
	3.4	26.1	45.8	20.6	1.7							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE
 WEATHER SERVICE/MAD

SURFACE WINDS

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

STATION 47 STATION NAME KANSAS CITY INTL MO YEARS 75-80 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 1000-1400
 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	6.2
NNE	.1	1.3	2.8	1.1								6.4	6.4
NE	.1	.3	1.1	1.1								6.6	6.7
ENE		.7	.9	.9								6.5	6.5
E	.3	1.2	2.6	.7								6.4	7.6
ESE		1.2	1.7	.8								6.3	7.3
SE	.1	1.7	3.1	1.7		.1						6.7	6.8
SSE	.1	1.7	2.2	1.7								6.7	6.7
S	.3	4.4	7.8	5.3	.8							18.7	7.7
SSW		1.7	4.3	7.5	.7	.1						17.6	11.2
SW	.2	2.5	4.7	3.9	.4							16.2	9.7
WSW		.9	2.2	.3								3.4	7.3
W	.1	1.1	2.3	.4								3.6	7.7
WNW	.1	.5	.5									1.7	6.1
NW		.2	1.1	.4								2.4	7.5
NNW		.5	1.4									2.6	7.2
VARBL													
CALM													
	1.7	23.8	41.6	27.7	1.9	.3						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 747

WIND CLIMATE DATA SHEET
 CIVILIAN
 DATA - 55 WIND/1AC

SURFACE WINDS

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

47	KEYSAS CITY INTL MS	77-00	001
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			10-1-100
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	1.7	4.4	2.2	.1							.7	5.7
NNE		1.2	2.7	.9								4.7	5.5
NE		1.6	2.7	1.2								4.8	5.4
ENE		1.2	1.6	.9								3.5	5.4
E	.1	1.7	2.3	.9								3.1	7.7
ESE	.7	.9	2.3	1.3								4.3	5.7
SE	.1	1.7	3.1	.9								5.2	6.8
SSE		1.6	2.7	1.1								4.7	5.7
S	.4	2.6	9.0	7.8	.3							15.6	10.1
SSW	.4	1.9	5.2	6.2	.1							13.3	10.1
SW	.1	1.7	2.8	1.6	.5	.1						7.3	9.7
WSW		1.1	.9									2.7	6.7
W	.3	1.7	.8	.1								3.2	6.1
WNW	.1	1.6	1.1	.1								3.0	6.5
NW	.1	1.3	1.3	.5								3.4	7.4
NNW		1.7	1.7	.9	.1							4.3	5.7
VARBL													
CALM												4.3	
	2.2	24.7	42.2	26.7	1.7	.1						102.3	6.7

TOTAL NUMBER OF OBSERVATIONS 744

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

SURFACE WINDS

4

KANSAS CITY INTERNATIONAL
STATION NAME

73-6

YEAR

JUL
MONTH

ALL WEATHERS

CLAIM

1807-1810

HOURS (L.S.T.)

CONDITION

[illegible]**TOTAL NUMBER OF OBSERVATIONS**

744

LOCAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

47	KANSAS CITY INTL MO	73-80	ALL WEATHER	11-2000
STATION	STATION NAME	YEARS	CLASS	NOV 88 (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	2.0	1.2		.1							4.0	5.1
NNE	.1	2.7	1.1	.3								4.2	5.4
NE	.1	2.4	1.0	.7								5.1	7.1
ENE	.4	2.3	1.7	.5								4.5	6.5
E	.3	3.6	2.7	.4								7.5	6.5
ESE	.1	7.7	3.1									15.9	5.0
SE	.1	6.9	2.9	.5								10.3	5.0
SSE	.7	6.7	6.2	.9								14.5	6.5
S	.3	5.2	9.8	5.8	.1							31.2	6.5
SSW		0.0	1.5	.7	.1							4.3	7.8
SW		1.3	.7	.1								2.5	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		.5	.8	.1			.1					1.7	5.5
VARBL													
CALM												4.3	
	3.5	47.4	33.3	10.6	.4	.3	.1					170.5	6.7

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE
 FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 WEATHER SERVICE/441

SURFACE WINDS

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

47 STATION KANSAS CITY INTL MO STATION NAME 73-5 YEARS JUL 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	2.1	2.4	1.0	.1							5.7	7.3
NNE	.1	1.0	1.6	.6	.1	.0						4.3	7.4
NE	.2	1.0	1.5	.7								4.5	7.5
ENE	.3	1.2	1.3	.8	.1							3.6	8.0
E	.3	2.5	2.3	.6								5.6	7.0
ESE	.1	3.4	2.3	.5								5.5	6.6
SE	.1	3.3	3.0	.6		.0						7.1	7.1
SSE	.3	3.3	3.4	1.0								7.2	7.2
S	.4	5.0	9.7	4.8	.4							21.1	6.6
SSW	.2	2.7	5.1	3.5	.4	.0						11.5	9.3
SW	.3	1.8	2.5	1.3	.2	.0						5.1	8.5
WSW	.1	1.1	1.1	.1								2.5	6.7
W	.2	1.6	.7	.2								2.6	6.2
WNW	.2	1.1	.6	.0		.0						1.9	6.2
NW	.2	1.0	.6	.2								2.0	6.3
NNW	.1	1.1	.0	.2	.0		.0					2.4	7.1
VARBL													
CALM												4.3	
	3.3	35.3	49.1	16.1	1.1	.1	.0					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 8551

JOINT CLIMATE BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 47 STATION NAME KANSAS CITY INTL MO YEARS 73-80 ALL WEATHER CLASS 1000-0000 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								2.8	7.1
NNE		2.8	1.5	.4								4.7	6.8
NE	.1	1.9	2.8	.4								5.2	7.3
ENE	.1	.9	.9	.3								2.3	6.2
E		3.8	2.4	.4								6.6	6.0
ESE	.1	3.9	2.0	.1								6.2	6.3
SE	.1	4.8	5.4	1.5	.1							12.7	7.4
SSE	.5	5.3	5.2	1.2	.1							12.0	7.1
S		6.5	9.8	9.0	.1							20.4	9.3
SSW		2.4	2.6	2.4								8.3	8.3
SW	.1	.7	.8	.1								1.7	7.2
WSW	.1	1.2	.3									1.5	4.9
W	.4	1.5	.3	.1								2.3	5.3
WNW		.4	.1	.3								.8	6.5
NW	.3	.9	.4									1.6	5.1
NNW		1.7	.3	.1								1.7	6.2
VARBL													
CALM												2.8	
	2.2	41.1	35.8	16.8	.4							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE
CLIMATE DIVISION
4000 WATSON DRIVE, WASHINGTON, D.C. 20331

SURFACE WINDS

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

STATION 47 KANSAS CITY INTL MO STATION NAME 13-80 YEARS MONTH ALL WEATHER CLASS 1378-1500 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	1.2	1.3	.3								2.0	7.0
NNE		2.1	1.3	.1								3.5	6.3
NE		2.6	2.0	.3								4.9	5.0
ENE	.1	1.1	.7	.4								2.3	6.0
E	.7	3.1	2.0	.3								5.0	8.1
ESE	.1	2.0	2.3	.7								5.6	7.2
SE	.3	5.4	2.8									8.5	6.0
SSE	.7	4.6	5.4	.7								10.9	6.0
S	.7	5.0	7.4	7.3	.0							20.6	8.7
SSW		3.2	4.3	1.7	.1							9.4	6.7
SW	.1	.7	1.1	.1								2.0	7.3
WSW	.1	1.2	.5	.1								2.0	6.0
W	.4	1.9	.2									3.1	5.0
WNW	.4	1.0										2.3	4.0
NW	.4	.0	.4	.1								1.7	5.0
NNW	.1	.7	.8	.4								2.0	5.1
VARBL													
CALM												0.5	
	3.5	41.3	35.2	12.5	.9							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 744

LOCAL METEOROLOGICAL BRANCH
 1-10-60
 WEATHER SERVICE/MAC

SURFACE WINDS

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

47	KANSAS CITY INTL MO	77-80	40
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			0500-0800
CLASS			NOV 60 (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								3.7	5.0
NNE	.1	1.5	.9	.9								3.6	7.0
NE	.1	1.3	1.7	.7								3.9	7.0
ENE	.1	1.1	.9	.3								2.4	7.4
E	.3	2.0	1.5	.4								4.3	6.7
ESE	.5	2.0	3.5	.4								5.5	7.1
SE	.4	3.3	4.0	.5	.1							5.1	7.0
SSE	.7	4.6	4.3	.5								10.1	6.7
S	.3	5.2	12.4	7.1	.4							26.3	9.1
SSW	.1	3.5	4.8	4.0	.3							12.8	9.0
SW		.8	1.3	.8								3.0	6.4
WSW	.4	1.5	.1	.1								2.2	5.3
W		1.3	.9		.1							2.4	7.0
WNW	.3	.9	.9									2.0	5.9
NW	.7	1.3	.7	.4								2.7	6.8
NNW	.3	1.5	.5									2.3	5.5
VARB													
CALM												4.5	
	4.3	34.3	39.4	16.5	.9							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 744

11. AL CLIMATOLOGY BRANCH
 12. TAC
 13. WEATHER SERVICE/MAC

SURFACE WINDS

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

47 STATION KANSAS CITY INTL MO STATION NAME 77-80 YEARS 1900-1100 HOURS (L.S.T.)

ALL WEATHER CLASS

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	.7	.4	1.6	.8								3.1	6.3
NE	.1	.5	1.2	.8	.1							2.8	7.7
ENE	.1	.7	1.2	.8	.1							3.3	7.1
E		.9	2.6	1.1								4.8	8.9
ESE		1.5	1.9	.5	.1							4.2	8.2
SE	.1	1.2	1.7	1.5								4.5	8.9
SSE	.4	1.3	4.7	2.7								7.1	9.7
S	.1	3.1	9.4	9.0	.9							22.4	10.1
SSW	.1	3.2	5.6	5.1	.5							15.6	9.7
SW		2.2	5.2	3.8	.3							11.4	9.3
WSW	.1	1.1	1.3	1.1	.1							3.7	9.3
W	.3	1.1	1.9									3.2	8.4
WNW	.1	.7	1.2	.3								2.8	7.3
NW	.3	.4	1.5	.5	.1							3.2	7.7
NNW		.7	1.2	.4								2.3	6.1
VARBL													
CALM												1.7	
	2.2	20.4	44.6	28.8	2.3							100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR CLIMATOLOGY BRANCH
 WENTZ
 WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 47 STATION NAME KANSAS CITY INTL MO YEARS 77-80 MONTH ALL
 CLASS ALL WEATHER
 CONDITION 1980-1980
 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	1.1								4.0	1.0
NNE	.7	.5	1.6	.7								3.1	.6
NE		.7	1.5	.5								2.7	.5
ENE	.1	.5	1.9	.6								3.5	.9
E	.3	1.0	2.7	1.7								4.8	1.7
ESE	.1	1.9	1.6	.5								3.0	.7
SE	.7	1.3	2.0	1.6								3.2	.7
SSE	.1	1.1	4.2	2.8	.1							3.3	1.7
S	.1	2.3	7.9	11.2	1.7	.1						3.4	11.0
SSW	.3	2.2	6.0	6.3	.9							13.7	10.3
SW	.1	1.8	5.1	2.2	.3							9.3	9.4
WSW	.5	1.7	.9	.8								4.2	7.1
W	.3	.8	.7	.4								2.2	7.6
WNW	.1	1.1	.6	.7								2.7	7.7
NW		.7	1.9	.1								2.7	8.1
NNW		.5	.5	.4								1.5	6.2
VARBL													
CALM												1.9	
	2.7	19.2	41.0	32.0	3.1	.1						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIRCRAFT CATALOG
 KANSAS CITY
 KANSAS CITY - SE-VILLAGE

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

SURFACE WINDS

47 KANSAS CITY INTL MO 73-80
 STATION STATION NAME YEARS
 ALL WEATHER
 CLASS
 CONDITION
 1973-1974
 DURS (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	1.2	3.5	.7								4.5	8.2
NNE		1.7	2.2	.9	.1							3.1	8.6
NE	.1	.1	2.0	.8								3.2	9.3
ENE	.3	.1	1.9	.9								7.0	8.2
E	.4	2.1	2.8	1.6	.1							4.6	8.9
ESE	.1	1.1	1.9	1.7								6.4	8.7
SE	.1	1.6	2.7	.9								6.2	9.5
SSE		.2	3.2	2.0								23.9	10.7
S	.4	3.3	9.5	11.4	1.5	.1						14.4	10.2
SSW	.1	2.0	5.6	6.5	.1							6.6	7.5
SW	.4	2.6	2.4	1.2								2.6	7.5
WSW	.1	.9	1.2	.4								2.4	7.7
W	.4	.8	.7	.4								2.3	7.7
WNW		.7	.7	.4								2.4	9.2
NW		.8	.9	.7								2.2	8.2
NNW		.2	1.3	.4	.1								
VARBL												1.6	
CALM													
	2.6	20.3	42.1	31.0	2.2	.1						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 744

U.S. NATIONAL CLIMATOLOGY BRANCH
USAFETAC
U.S. WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 47 STATION NAME KANSAS CITY INTL MU YEARS 73-80 MONTH AUG
STATION 47 STATION NAME KANSAS CITY INTL MU YEARS 73-80 MONTH AUG
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.) 1800-2400

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.3	2.6	3.4	.5								4.7	7.1
NNE	.1	1.2	1.9	.5								3.3	8.1
NE	.1	2.3	2.3	1.1								5.6	7.1
ENE		1.9	2.3	.4								4.8	7.6
E	.3	2.1	3.6	.5								5.5	7.6
ESE	.3	4.0	3.2	1.2								5.7	7.3
SE	.7	3.6	3.1	1.2								5.5	7.1
SSE		5.1	4.6	.5	.1							10.3	7.1
S	.3	6.3	11.3	8.1	.4							22.3	9.1
SSW	.5	3.0	1.9	.6	.1							6.3	7.2
SW		.7	.5	.1								1.3	7.3
WSW		.4	.3									1.1	5.8
W		.7	.3	.1								1.1	7.3
WNW		.8	.1	.3								1.2	8.4
NW	.4	.5	.3	.1	.3							1.5	7.0
NNW		1.3	1.5	.1								3.0	7.1
VARBL													
CALM												5.2	
	7.2	36.4	40.5	15.7	.9							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 744

ALBANY TOLSON REANCH
 TOLSON
 TOLSON SERVICE/MAN

SURFACE WINDS

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

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

CLASS ALL WEATHER

CONDITION

110-200
 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	2.1	1.1	.4								2.9	7.0
NNE	.1	1.7	1.3	.5								3.0	7.0
NE		2.2	1.6	1.1								4.0	7.0
ENE	.3	1.6	1.6	.5								4.0	7.0
E	.4	3.6	2.8	.4								7.4	6.8
ESE	.4	5.0	4.4	1.2								11.0	7.1
SE	.4	5.1	4.3	.9								11.2	6.0
SSE	.7	6.5	6.7	1.5								14.3	7.1
S	.5	5.2	12.1	7.4	.5							21.0	7.2
SSW		1.2	.5	.5								3.4	7.1
SW	.4	.4	.3			.1						1.0	6.3
WSW		.1	.4	.3								.8	6.7
W	.3	.0					.1					1.2	7.0
WNW	.1	1.1	.1	.1								1.3	6.0
NW		.4	.1	.1								.7	7.0
NNW	.4	1.1	.3	.3	.2							2.3	6.2
VARBL													
CALM												5.0	
	4.6	32.5	35.8	15.3	.8	.1	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 744

CLIMATE DIVISION
TAC
WEATHER SERVICE/TAC

SURFACE WINDS

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

47 KANSAS CITY INTL MO 77-80

STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

MOON (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	.2	1.4	1.7	.5								1.0	7.0
NNE	.1	1.0	1.6	.6	.1							1.0	7.0
NE	.1	1.4	1.6	.7	.2							1.1	7.0
ENE	.2	1.3	1.4	.6	.2							1.2	7.0
E	.2	2.4	2.5	.8	.2							1.0	7.0
ESE	.2	2.7	2.6	.8	.2							1.4	7.0
SE	.4	3.3	3.3	1.0	.2							1.0	7.0
SSE	.3	3.7	4.8	1.5	.1							1.4	7.0
S	.3	5.1	10.0	6.8	.2	.2						1.0	7.0
SSW	.2	2.3	4.0	3.4	.3							1.7	7.0
SW	.2	1.2	2.1	1.0	.1	.2						4.6	8.7
WSW	.2	1.1	.6	.4	.2							1.3	7.1
W	.3	1.1	.7	.1	.2		.2					1.2	1.0
WNW	.1	1.0	.5	.3								1.7	6.7
NW	.2	.2	.2	.3	.1							2.1	7.0
NNW	.1	1.0	.9	.3	.1							2.2	7.4
VARBL													
CALM												1.4	
	1.2	31.6	32.3	21.1	1.4	.1	.2					17.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7252

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

SURFACE WINDS

47	MISSAG CITY INTL MO	77-81	
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			10-20-80
	CLASS		HOURS (L.S.T.)
	CONDITION		

[illegible]

TOTAL NUMBER OF OBSERVATIONS 12

U.S. AIR FORCE CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/ IAC

SURFACE WINDS

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

47 KANSAS CITY INTL MO
 STATION

72-83
 YEARS

SEF
 MONTH

ALL WEATHER

CLASS

1000-1500
 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		1.3	1.9	.8								4.3	7.4
NNE	.3	2.3	1.7	.4								4.4	6.7
NE		2.2	1.8	.4								4.4	7.0
ENE	.1	1.2	1.5	.6								3.7	7.4
E	.3	3.5	1.8	.7								4.2	6.8
ESE	.1	3.2	2.2	.1								5.7	6.4
SE	.4	4.2	2.1	.3								4.7	7.7
SSE	.1	5.3	4.4	.6								10.4	6.7
S	.3	9.7	9.2	3.1	.1							22.4	7.5
SSW	.3	3.8	1.7	.4	.1							4.7	6.3
SW	.1	2.4	1.1									1.5	5.7
WSW	.3	1.7	.3									1.2	5.1
W	.1	2.2	1.0									3.3	5.0
WNW	.3	2.3	.3	.1								3.5	5.1
NW	.3	1.5	1.5	.4								3.7	7.1
NNW	.1	1.1	1.8	.1								3.2	7.3
VARBL													
CALM												5.1	
	3.5	49.4	33.6	8.1	.3							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 72

U.S. AIR FORCE METEOROLOGICAL BRANCH
 FORM 0-8-5 (OL-A)
 1-64 (STAT. USE ONLY)

SURFACE WINDS

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

STATION 47 KANSAS CITY INTL MO STATION NAME 72-80 YEARS MONTHS 1-12 HOURS (L.S.T.)

ALL WEATHER CLASS

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	2.0	1.6	1.4								1.2	2.7
NNE		2.4	2.1	1.0								1.4	1.6
NE	.3	1.0	1.7	.4								4.2	1.7
ENE		.7	1.4	.7								2.0	1.1
E	1.0	2.0	1.8	1.1								5.7	1.2
ESE	.3	2.2	2.4	.8								5.7	2.0
SE	.1	2.4	2.1	.4								1.0	1.1
SSE	.4	4.7	4.4	1.0								14.0	2.1
S	.7	7.4	7.5	3.3	.4							16.2	3.4
SSW	.5	4.0	1.9	1.0								7.5	1.7
SW	.1	2.1	.9									3.1	1.0
WSW	.1	1.5	.3									1.6	1.1
W	.1	1.4	.6									1.1	1.4
WNW		2.5	1.4	.4								4.4	1.1
NW	.4	1.1	1.5	.8	.1							4.5	1.7
NNW		1.7	1.9	.6								4.0	1.4
VARBL													
CALM												7.1	
	4.3	41.7	33.5	12.9	.6							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 72

U.S. AIR FORCE
 AFMPC
 WEATHER SERVICE/AFAC

SURFACE WINDS

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

STATION 147 STATION NAME NEW YORK CITY INTL. AIRPORT YEARS 77-80

CLASS ALL WEATHER

CONDITION

ROUTE 900-1100

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		1.0	1.0	4.2	.1							7.1	10.7
NNE	.1	.1	1.2	2.6	.1							1.0	10.0
NE		1.1	1.2	.9	.1							1.2	6.6
ENE	.7	1.2	1.5	1.0								4.0	7.9
E	.1	1.7	3.6	1.1								1.5	5.1
ESE	.3	.7	2.9	1.8								3.7	9.3
SE		1.4	3.1	1.1	.1							2.7	6.7
SSE		1.2	3.7	2.1								7.1	4.4
S	.1	3.3	3.5	7.4	.4							1.7	9.7
SSW		2.4	3.9	3.1	.1	.1						4.9	9.5
SW	.5	2.6	2.3	.6								1.2	6.1
WSW	.2	1.1	1.5	.1								2.9	5.7
W	.7	1.3	1.7	.3								2.3	6.7
WNW	.1	2.1	.9	.6								3.5	7.7
NW		.4	2.1	1.0								3.5	7.4
NNW		.3	2.2	1.9	.1							4.7	10.7
VARBL													
CALM												2.2	
	2.1	22.2	41.0	29.4	1.2	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 72

U.S. AIR FORCE
 1. STATION
 2. STATION - SERVICE/MAAC

SURFACE WINDS

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

47 STATION KANSAS CITY INTL MO 72-80 YEARS MONTH 12-147
 CLASS ALL WEATHER
 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	1.0	1.0	4.2	.3							7.4	1.0
NNE		.4	1.8	2.6	.1							3.4	1.0
NE		.4	1.8	1.4								3.6	1.7
ENE		.7	.7	1.1								2.5	1.4
E	.6	1.5	2.4	1.0								3.4	1.5
ESE	.1	1.0	4.6	1.4								3.1	1.1
SE	.1	1.2	4.3	.8								3.5	1.1
SSE	.1	1.1	3.1	2.6	.1							3.5	1.1
S	.7	2.6	6.5	7.4	.9	.4						17.2	1.1
SSW	.4	2.1	2.8	1.5	.7							7.5	1.1
SW		2.4	3.2	.7	.3							3.5	1.1
WSW	.3	1.1	1.2	.3								2.7	1.1
W	.4	1.4	1.2	.1								3.7	1.1
WNW	.2	.7	1.0	.6								2.5	1.1
NW	.3	1.1	1.0	1.7								4.9	1.1
NNW		1.1	1.0	2.5								5.4	1.1
VARBL													
CALM												2.1	
	3.1	21.0	40.7	29.9	2.4	.6						100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 720

ALBANY CLIMATOLOGY BRANCH
 1960 TAC
 1. WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 47 KANSAS CITY INTL MO STATION NAME 73-90 YEARS MONTH 06
 ALL WEATHER CLASS 15.0-17.0 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		1.4	3.1	4.7	.6							4.7	1.5
NNE	.1	1.1	1.7	1.5								4.5	1.6
NE	.7	1.1	1.7	1.0								4.7	1.4
ENE		1.0	1.5	.6								3.1	1.2
E	.1	1.0	3.2	1.4								5.1	1.0
ESE	.1	1.3	4.4	.6								7.1	2.0
SE	.1	2.5	4.4	1.2								.1	1.1
SSE	.1	1.0	4.2	3.4								.1	1.0
S	.3	2.2	7.2	5.4	1.5	.4						17.3	13.7
SSW	.1	1.3	2.6	1.2	.3							4.6	4.7
SW	.1	1.0	1.8	.6								4.4	7.4
WSW	.1	1.1	1.1	.3								2.0	7.0
W	.1	.4	.7	.6								1.3	7.7
WNW	.1	.5	1.1	.4								2.2	7.3
NW		.1	2.1	1.5								4.4	9.4
NNW	.7	1.7	1.9	2.1	.1	.1						5.2	9.3
VARBL													
CALM												4.0	
	4.2	22.1	42.2	25.3	2.5	.6						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 720

U.S. AIR FORCE CLIMATE DIVISION
 AFM 7-10.1
 1-1-64 (REV. 1-1-64)

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

SURFACE WINDS

STATION 47 STATION NAME KANSAS CITY INTL MO YEARS 77-81 MONTHS 1-12
 CLASS ALL WEATHER
 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	4.2	2.5								4.9	1.0
NNE	.1	1.4	1.7	.3								3.5	7.1
NE	.1	2.3	2.1	.7								5.4	7.1
ENE	.3	.6	1.2	.9								3.7	5.0
E		3.2	3.7									7.6	5.7
ESE	.4	5.6	4.6	.4								11.5	5.0
SE	.7	6.1	3.6	.3	.1							11.5	6.7
SSE		4.9	4.2	.8								10.8	7.1
S	.7	4.1	5.5	3.7	.6							13.6	6.0
SSW	.1	1.1	1.2	.1	.1							3.5	6.7
SW		1.4	.5									2.9	5.6
WSW		.4	.4	.1								1.3	5.7
W	.1	.2	.4									1.1	5.7
WNW		.1	.3									1.1	5.1
NW	.3	.3	1.7	.3								3.1	7.0
NNW	.1	3.1	1.1	.6	.1							5.5	7.1
VARBL													
CALM												1.7	
	2.8	40.0	36.2	11.2	1.0							100.5	6.7

TOTAL NUMBER OF OBSERVATIONS 720

LOCAL METEOROLOGICAL BRANCH
 AFSTAC
 ALL WEATHER SERVICE/PAO

SURFACE WINDS

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

STATION 77-41 KANSAS CITY INTL MO 77-80 YEARS REF
 STATION NAME ALL WEATHER NORTH 100-7000
 CLASS ALL WEATHER 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	2.8	2.6	1.4								7.1	7.2
NNE		2.2	1.2	.4	.1							4.0	7.6
NE	.1	1.2	1.9	.1								3.3	7.1
ENE	.1	1.1	1.6	1.0								4.7	6.7
E	.3	3.5	3.6	.6								7.2	6.7
ESE	.1	5.1	4.5	.7								10.4	5.7
SE	.3	7.4	5.1	.4								13.2	5.5
SSE	.3	6.5	5.7	1.5								14.3	7.0
S	.1	5.1	5.7	3.5	.3							14.7	6.4
SSW	.4	1.2	1.0	.3								3.9	6.5
SW	.3	.7	.7									1.7	5.0
WSW		.8		.1								1.0	5.7
W	.1	1.3	.1	.3								2.4	5.7
WNW		1.3	.4	.3								2.5	6.7
NW	.1	1.5	.7	.4								2.6	5.7
NNW	.1	1.7	1.2	.6								3.5	7.7
VARBL													
CALM												4.3	
	2.8	44.9	36.1	11.5	.4							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 700

U.S. AIR FORCE
 CLIMATE DIVISION
 WASHINGTON, D.C. 20330

SURFACE WINDS

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

STATION 47 STATION NAME KANSAS CITY INTL MO YEARS 77-80 MONTH 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 - 53	≥ 54	%	MEAN WIND SPEED
N	.1	1.0	2.0	2.5	.1							0.7	2.0
NNE	.1	1.0	1.0	1.1	.1							0.7	2.0
NE	.1	1.0	1.0	.7	.0							0.7	2.0
ENE	.1	.0	1.4	.9								0.7	2.0
E	.2	2.7	3.0	.6								0.7	2.0
ESE	.2	3.7	3.6	.7								0.7	2.0
SE	.3	4.0	3.4	.7	.0							0.7	2.0
SSE	.2	3.4	4.4	1.5	.0							0.7	2.0
S	.2	5.2	7.2	4.8	.6	.1						1.0	2.0
SSW	.3	2.6	2.2	1.0	.2	.0						0.7	2.0
SW	.1	1.0	1.5	.2	.0							0.7	2.0
WSW	.2	1.1	.7	.1								0.7	2.0
W	.2	1.4	.7	.2								0.7	2.0
WNW	.1	1.7	.7	.3								0.7	2.0
NW	.2	1.0	1.6	.5	.0							0.7	2.0
NNW	.1	1.0	1.6	1.1	.1	.0						0.7	2.0
VARBL													
CALM													
	2.2	35.0	37.6	17.4	1.1	.0						100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 76

U.S. AIR FORCE
 WEATHER SERVICE
 KANSAS CITY INTL MO

SURFACE WINDS

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

STATION 47 STATION NAME KANSAS CITY INTL MO YEARS 73-90 MONTH NOV
 CLASS ALL WEATHER
 CONDITION
 HOURS (L.S.T.) 1201-1200

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	7.7
NNE	.1	2.3	1.1	.5	.3							4.3	7.4
NE	.3	1.9	1.1	.5	.1							3.9	6.9
ENE		.3	1.7	.1								2.3	3.1
E		1.1	1.7	.8								3.6	6.7
ESE		1.2	1.7	1.1								4.3	6.7
SE		2.7	2.7	1.1	.1							6.9	5.1
SSE	.5	2.4	4.4	.8		.3						1.5	8.7
S	.3	5.1	10.1	7.5	.8	.7	.1					24.6	10.7
SSW	.5	3.1	3.4	2.6	.7							10.2	5.7
SW		1.7	1.2	.1								3.1	6.7
WSW	.7	1.6	.5									2.4	5.3
W		2.3	1.7			.1						4.2	7.7
WNW	.3	4.2	1.1	.3								3.3	6.7
NW	.1	2.3	1.1	.1								3.6	6.7
NNW	.1	1.2	1.7			.1						3.4	7.9
VARBL													
CALM												3.0	
	3.1	34.2	37.1	18.3	2.3	1.2	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE
 WEATHER SERVICE/FAO

SURFACE WINDS

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

STATION 47 STATION NAME KANSAS CITY INTL MO YEARS 77-80 MONTH ALL
 CLASS ALL WEATHER
 HOURS (L.S.T.) 0000-2359
 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	2.2	1.5								2.8	5.7
NNE		1.2	2.4	.5	.4							3.5	5.7
NE		1.1	1.2	.4								2.7	7.4
ENE	.7	.5	.3	.3								1.8	6.7
E		1.7	1.3	.9								4.8	4.6
ESE	.1	.7	1.9	.5	.1							7.4	5.7
SE	.7	1.6	3.1	1.1								6.1	7.4
SSE		2.6	3.9	1.5								7.4	5.7
S	.1	4.2	2.9	5.9	.3	.4						21.4	9.7
SSW	.1	2.7	3.8	2.3	.7							7.1	5.7
SW		1.5	1.1	.5								4.1	7.4
WSW		2.4	1.3	.1	.3							4.2	6.7
W	.4	4.3	2.4	.7								7.8	6.7
WNW	.1	2.6	1.6	.3	.1							4.7	7.4
NW	.1	2.7	1.9	.9	.1							5.5	7.4
NNW		.5	1.7	1.6								3.9	9.7
VARBL													
CALM												4.7	
	1.9	31.7	59.9	19.2	2.2	.4						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE
 USAFETAC
 WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	KANSAS CITY INTL	77-80	1977-1980
STATION NAME	ALL WEATHER	CLASS	1977-1980
YEARS	CONDITION	HOURLS (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	1.5	1.6								4.5	9.7
NNE	.3	1.9	1.9	.8								4.8	7.4
NE		1.2	1.1	.4								3.7	7.0
ENE		.9	.7									1.6	5.0
E	.1	1.2	.4	.7								1.6	5.0
ESE	.3	1.2	2.7	.8	.1							4.4	6.1
SE	.1	2.7	2.3	.9	.3							1.8	5.8
SSE	.4	1.7	4.4	1.7								1.5	5.0
S	.1	4.3	7.1	8.2	1.7	.5						23.8	10.3
SSW	.5	1.9	3.9	.9	.1							1.3	7.0
SW	.1	2.2	1.1	.7								4.0	6.5
WSW	.4	2.3	.7	.1								1.1	5.4
W	.7	4.4	1.9	.4	.1							7.1	6.4
WNW	.1	2.7	1.9	1.1	.1							3.0	7.0
NW	.1	1.7	2.2	1.2	.3							.8	6.4
NNW	.3	1.1	1.5	1.5								4.3	3.7
VARBL													
CALM													
	3.2	32.1	36.7	21.1	2.3	.5						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 744

1. NAME OF STATION AND LOCATION
2. TYPE OF STATION
3. DATE OF SERVICE/STATUS

SURFACE WINDS

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

STATION 47 AIRSAS CITY INTL MO STATION NAME YEARS 72-80 MONTH NORTH
CLASS ALL WEATHER HOURS (L.S.T.) 300-1200
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	7.4	.1							1.2	1.0
NNE	.7	.4	1.9	1.6								4.2	2.0
NE	.1	.7	.7	.7								2.2	.1
ENE	.1	.1	1.1		.1							1.5	.1
E	.1	1.2	1.2	.5								1.1	7.7
ESE		1.7	2.7	1.5	.3							.1	7.7
SE	.1	1.1	1.9	1.7								4.2	7.1
SSE	.1	1.1	2.6	2.8	.1							2.7	10.1
S	.1	1.3	7.1	10.1	1.0	1.7	.1					21.2	12.0
SSW	.4	1.1	2.2	4.3	.4	.1						2.2	12.0
SW	.1	.7	2.5	1.7	.4							2.5	9.0
WSW	.7	1.3	1.6	.4								2.0	7.0
W	.7	2.6	2.3	1.1								2.2	7.0
WNW	.4	1.1	1.3	1.3	.7	.1						4.6	7.0
NW		.9	1.5	3.4	.4	.1						2.2	11.0
NNW	.1	.7	1.5	3.4	.1							2.0	11.2
VARBL													
CALM												2.4	
	1.0	16.7	34.7	37.9	3.2	1.6	.1					100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 744

11. AD. CLIMATE/11. AD. ADON
 12. AD. CLIMATE/11. AD. ADON
 13. AD. CLIMATE/11. AD. ADON

SURFACE WINDS

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

47 KANSAS CITY INTL MO 73-85

STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

MOON (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		.2	2.3	2.7	.1	.1						.2	1.2
NNE	.1	.2	1.6	1.5								.2	.5
NE		.2	.2	.5	.3							.2	.5
ENE		.2	.4	.8								.2	.5
E		.2	1.3	.8								.2	.5
ESE		.2	1.5	.3	.4	.7						.2	1.1
SE		.2	2.2	1.7								.2	.5
SSE		1.7	3.1	2.2	.3							.2	.5
S	.1	.2	4.2	4.8	1.5	1.1	.1					1.7	1.5
SSW	.2	.5	3.6	4.0	1.1	.4						.2	1.5
SW	.1	1.8	3.7	2.7	.7	.1						.2	1.5
WSW		1.2	1.1	.3		.1						.2	.5
W		2.2	1.7	1.5	.1							.2	.5
WNW		1.7	1.6	2.8	.3	.3	.1					.2	1.1
NW		.7	1.5	2.2	.9	.1						.2	1.5
NNW		.8	3.7	2.9	.8							.2	1.5
VARBL												.2	
CALM												.2	
	.5	15.9	33.1	38.7	6.5	2.6	.3					1.2	1.2

TOTAL NUMBER OF OBSERVATIONS 244

U.S. AIR FORCE
 WEATHER SERVICE
 METEOROLOGICAL DATA

SURFACE WINDS

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

STATION 147 STATION NAME KANSAS CITY INTL YEARS 77-80 MONTH 10
 CLASS ALL WEATHER
 HOURS (L.S.T.) 0000-1700
 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	3.6	2.8	.1							1.2	1.0
NNE		1.7	1.6	1.2	.1							1.4	1.0
NE	.1	1.2	.8	1.1	.3							1.2	1.0
ENE		.8	.8	.3								1.7	1.0
E		1.2	1.7	.4								1.4	1.0
ESE		1.7	1.3	1.3	.1							1.4	1.0
SE	.1	.7	2.7	1.7								.4	.1
SSE		.8	2.3	2.6	.4	.7						.7	1.0
S		2.7	5.2	7.7	1.9	.8	.1					1.7	1.0
SSW		1.1	2.2	2.6	1.1							.7	1.1
SW	.3	1.2	2.4	1.5	.5	.1						1.7	1.0
WSW	.3	1.7	1.1	.8	.1							.8	.1
W		.7	1.7	.8								2.1	1.0
WNW	.1	.7	1.2	2.6	.4	.4						.3	1.0
NW		.7	3.2	4.3	.7							1.7	1.1
NNW	.1	1.2	1.6	2.6	.2							7.1	1.0
VARBL													
CALM													
	1.2	10.7	33.7	32.5	6.7	1.7	.1					1.2	1.0

TOTAL NUMBER OF OBSERVATIONS 74

U.S. AIR FORCE
 IAG
 METEOROLOGICAL SERVICE/AFAC

SURFACE WINDS

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

STATION 47 KANSAS CITY INTL 72-60 YEARS MONTH NOV 1972 HOURS (L.S.T.) 1000

STATION NAME CLASS ALL WEATHER

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	1.7	.3	.1						.4	6.4
NNE		1.7	2.7	.5								4.2	7.1
NE		1.1	1.7	.5								3.3	7.7
ENE		1.7	1.7	.3								3.7	7.4
E	.1	3.7	2.2	.5								5.5	6.7
ESE	.3	3.1	2.4	.7	.1							5.6	7.1
SE	.4	3.7	2.4	.4								5.2	6.7
SSE	.7	4.7	5.1	2.0	.3	.1						11.3	6.7
S	.7	4.3	6.3	5.5	1.3	.3	.1					17.1	11.1
SSW	.1	1.7	1.5	.3	.1							3.2	7.5
SW	.3	2.7	.8	.3								3.4	6.6
WSW	.1	1.7	.3	.4								2.7	5.6
W	.7	1.5	.7									2.4	5.1
WNW	.4	2.2	1.1	.4	.3	.1						4.4	7.5
NW		1.7	2.7	.7								4.7	7.5
NNW	.1	2.6	2.7	1.2								5.6	7.7
VARBL													
CALM												3.4	
	3.0	37.7	37.4	15.2	2.4	.7	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE
 NATIONAL METEOROLOGICAL SERVICE
 METEOROLOGICAL SERVICE/AFM

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

SURFACE WINDS

47 STATION KANSAS CITY INTL MO 77-90 001 MONTH
 STATION NAME YEARS
 ALL WEATHER CLASS
 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	2.6	2.4	1.6	.4							7.7	5.2
NNE	.1	2.3	1.9	.4								5.4	7.1
NE		1.1	1.3	.4								2.8	7.5
ENE		.3	1.2									2.3	7.2
E	.1	1.7	2.3	.9								5.1	7.7
ESE	.7	1.1	2.6	.8								4.7	7.3
SE		3.6	3.9	.5								5.1	7.1
SSE		3.4	5.1	1.3								5.3	7.1
S	.1	4.6	12.2	7.8	1.2	.7	.1					24.7	10.1
SSW		1.6	2.2	1.3	.3							5.4	7.1
SW		.7	.9	.1		.1						1.2	6.7
WSW		1.6	.3	.4	.1							2.4	7.7
W	.1	3.5	1.1	.1		.1						5.2	8.7
WNW	.1	2.2	1.2	.5								4.6	7.1
NW		2.5	1.7	.4								5.6	5.5
NNW		2.3	1.1	.5								2.6	7.1
VARBL													
CALM												3.4	
	1.2	35.2	32.8	17.3	2.7	.9	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 744

UNITED STATES DEPARTMENT OF COMMERCE
NATIONAL OCEANOGRAPHIC SERVICE
NATIONAL WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	KANSAS CITY INTL NO	77-80	NOT
STATION NAME		YEARS	NORTH
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	.2	1.7	2.6	2.2	.2	.2						5.6	9.4
NNE	.1	1.6	1.8	.9	.1							4.1	6.7
NE	.1	1.1	1.3	.8	.1							3.2	5.0
ENE	.1	.7	1.3	.6	.1							1.2	7.7
E	.1	1.6	1.6	.7								3.1	7.8
ESE	.1	1.3	1.6	.9	.2	.7						4.5	6.7
SE	.1	1.7	2.6	1.2	.1							1.2	7.8
SSE	.2	2.2	3.9	1.9	.1	.1						5.3	6.8
S	.2	3.7	7.8	7.8	1.3	.7	.1					11.2	10.7
SSW	.2	1.7	2.8	2.3	.5	.1						7.8	8.7
SW	.1	1.6	1.7	1.0	.2	.1						4.6	8.7
WSW	.2	1.7	.9	.3	.1	.2						3.2	8.1
W	.2	2.6	1.7	.6	.2	.7						1.1	7.1
WNW	.2	2.2	1.4	1.2	.2	.1	.2					2.7	6.1
NW	.1	1.6	2.5	1.8	.3	.7						5.7	9.7
NNW	.1	1.3	1.6	2.0	.2	.2						3.4	9.2
VARBL													
CALM												3.3	
	2.1	27.2	36.5	25.4	3.4	1.2	.1					112.0	9.4

TOTAL NUMBER OF OBSERVATIONS 5952

U.S. AIR FORCE
METEOROLOGICAL SERVICE
U.S. AIR FORCE

SURFACE WINDS

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

STATION 47 KANSAS CITY INTL 73-80
STATION NAME YEARS
ALL WEATHER CLASS
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	4.6	1.4		.1						2.3	3.6
NNE	.3	1.4	1.4	1.4								4.4	1.4
NE		.7	2.8	.7								4.2	1.4
ENE	.3	.7	.6	.1	.1							2.2	7.7
E		.2	1.9	.2	.1							3.7	3.3
ESE		2.4	.9		.1							3.3	6.7
SE		2.4	2.1	1.1	.1							3.7	7.7
SSE	.4	1.4	2.9	1.2	.1							6.1	6.1
S		2.3	5.4	6.5	1.5							15.2	10.7
SSW	.1	1.9	5.9	3.6	1.0	.7						14.2	10.6
SW	.1	1.9	1.9	.7	.1							4.6	7.7
WSW		2.2	.7	.3								3.2	6.6
W		1.7	2.6	1.2	.4							3.7	6.7
WNW	.3	1.2	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	1.0	2.2	1.2		.1						4.7	9.2
VARBL													
CALM												1.2	
	1.3	26.0	41.0	24.0	4.3	.8						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 720

LOCAL OBSERVATORY BRANCH
 REPORT
 WEATHER SERVICE/PAO

SURFACE WINDS

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

47
 STATION

KANSAS CITY INTL MD
 STATION NAME

77-80
 YEARS

MO
 MONTH

ALL WEATHER
 CLASS

1977-1980
 YEARS (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	2.0	1.5	.1							7.4	9.1
NNE		1.5	2.1	1.2								5.1	6.1
NE		.4	2.1	1.7								4.5	6.7
ENE		.2	1.1	.1								1.1	7.7
E	.1	1.7	.4	1.7	.3							3.5	8.0
ESE		1.7	1.4	.8								2.6	7.4
SE	.1	1.4	1.5	.7								2.7	7.7
SSE		1.7	4.4	1.7								1.1	8.0
S	.3	3.7	5.6	6.7	1.1							14.4	11.1
SSW	.1	2.4	3.2	3.2	1.1							4.9	12.4
SW		1.1	2.1	.8								3.0	8.0
WSW		1.1	1.2	.3								2.6	7.3
W	.3	3.5	2.6	1.5	.4							2.3	6.1
WNW	.1	2.5	2.4	2.5	.3							1.0	9.1
NW		1.5	2.1	1.8	.4							1.1	7.5
NNW		.7	.6	1.4	.6							3.2	11.0
VARBL													
CALM												2.0	
	1.1	23.6	36.7	26.5	4.2							17.2	1.7

TOTAL NUMBER OF OBSERVATIONS

17

ALLEGATOLODY BRANCH
TAC
FUTON SE VICINIAU

SURFACE WINDS

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

47
STATION

ALLEGATOLODY BRANCH
STATION NAME

77-96

YEARS

NO
MONTH

ALL WEATHER
CLASS

0600-1800
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	3.3	1.9								7.1	4.2
NNE		.7	2.4	1.2								4.3	2.4
NE		1.1	1.1	1.5								3.7	3.0
ENE		.5	1.1	.3								1.8	1.0
E		1.2	2.1	.6	.1							4.0	2.4
ESE	.1	.7	1.1	1.4								3.3	2.0
SE	.1	1.5	1.4	1.4								4.7	3.0
SSE		1.1	3.5	1.9	.1							6.5	3.0
S	.3	2.3	6.2	6.0	1.3							17.1	10.5
SSW	.1	1.5	5.3	2.9	.1	.1						10.1	5.3
SW		1.5	1.8	1.2	.6							5.1	3.0
WSW	.1	1.4	1.0	.7								3.2	2.5
W		2.5	3.2	1.2	.1							7.1	3.7
WNW	.3	2.1	2.6	1.7	.7	.3						7.0	3.5
NW		1.2	1.5	1.7	.6							5.4	10.3
NNW	.2	1.0	1.2	1.0	.7							4.2	10.1
VARBL													
CALM												3.0	
	1.4	23.2	39.3	27.2	4.9	.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

724

SURFACE WINDS

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

47	KANSAS CITY INTL MO	73-60	TCV
STATION	STATION NAME	YEARS	ROUTE
ALL WEATHER			1900-1100
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	2.6	2.6	.1							4.1	10.5
NNE		.4	1.8	1.7	.1							4.0	10.0
NE		1.0	1.7	1.1	.1							3.9	9.0
ENE		.4	1.9	.7								3.1	6.9
E		.7	2.2	2.2								3.1	6.8
ESE		.7	1.7	1.5								3.9	7.0
SE		1.0	1.5	2.1								4.6	.7
SSE	.1	.7	1.0	1.7								4.0	7.7
S		1.0	3.1	6.7	2.9							14.2	12.0
SSW	.1	1.1	2.5	6.0	1.1	.1						11.0	13.0
SW		.6	2.4	3.3	.1							6.4	10.7
WSW	.1	1.0	2.4	.8	.1							4.5	8.0
W	.3	1.3	2.8	2.5	.6	.3						7.6	10.8
WNW		.7	3.3	2.2	1.0	.7						7.9	12.0
NW	.1	.7	2.5	2.5	.9							6.7	11.0
NNW	.3	.4	1.3	2.6	.3							4.0	11.1
VARBL													
CALM												1.7	
	1.1	12.0	35.5	40.3	7.4	1.1						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 710

U.S. AIR FORCE
 CLIMATOLOGY BRANCH
 W. H. TAC
 WEATHER SERVICE/TAC

SURFACE WINDS

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

STATION 27 47 KANSAS CITY INTL MO STATION NAME 72-50 YEARS MONTH 1070-140 HOURS (L.S.T.)

ALL WEATHER CLASS

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	2.6	3.7	.4							1.8	1.4
NNE		.0	1.1	1.2	.3							3.9	9.7
NE		.4	1.7	1.1	.1							3.3	9.0
ENE	.1	.4	1.0	.6								3.1	8.7
E		.3	2.5	.8								3.6	9.7
ESE		.7	1.2	1.4								3.3	8.7
SE		.1	1.3	1.4								4.0	8.7
SSE		.7	1.5	1.5	.1							3.9	11.3
S	.1	1.1	3.3	7.1	1.9	.5						14.4	13.7
SSW		.7	1.2	5.6	1.7	.4						13.3	13.4
SW		.7	2.5	4.6	.6	.1						1.5	11.7
WSW		.7	1.1	1.2	.1							3.2	9.7
W		.1	2.5	7.3	.4	.1						6.7	11.0
WNW	.1	.5	2.4	5.0	1.5	.5						13.1	13.7
NW		.9	1.4	7.6	1.5							7.4	12.9
NNW	.1	.4	1.8	2.2	.3							8.9	11.0
VARBL													
CALM												1.8	
	.6	10.1	31.5	44.0	9.0	2.1						100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 72

U.S. AIR FORCE CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20330
 FORM 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 47 KANSAS CITY INTL WFO STATION NAME 73-80 YEARS MONTH 10-17 HOURS (L.S.T.)

ALL WEATHER CLASS

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	3.3	4.5	.1							7.6	3.0
NNE		.7	1.1	1.9	.7							4.3	11.0
NE	.1	.7	2.4	1.4								4.6	8.7
ENE		.4	.8	1.0								2.2	1.0
E	.1	.4	1.5	1.8								3.8	4.0
ESE		.7	1.7	1.5								3.9	7.0
SE	.3		1.4	1.1	.3							3.1	13.0
SSE	.1	.6	1.5	2.1								4.3	13.4
S		1.5	4.3	6.4	1.5							13.8	11.0
SSW	.3	1.7	3.3	4.0	.6							10.9	13.0
SW	.7	1.4	2.1	2.1	.3							5.1	9.8
WSW	.1	1.0	1.5	.8	.1							2.6	8.8
W		1.4	2.2	3.1	1.0	.1						7.8	11.4
WNW		.7	1.8	3.5	.4	.4						6.8	12.3
NW	.1	.4	2.2	4.6	1.0	.1						6.5	12.2
NNW	.1	.8	2.6	3.5	.4							7.5	12.0
VARBL													
CALM												3.0	
	1.7	13.9	33.0	41.3	6.0	.7						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 712

AL CLIMATE BRANCH
 AFMTC
 WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 47 KANSAS CITY INTL MO STATION NAME 73-80 YEARS MONTH 1973-1974 HOURS (L.S.T.)

ALL WEATHER CLASS

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							8.5	10.1
NNE	.1	.2	1.0	1.2	.1							3.3	9.0
NE	.1	1.4	2.8	1.0								3.3	9.0
ENE	.1	.3	1.0	1.1								4.7	8.9
E	.1	1.0	1.0	1.1								4.2	9.0
ESE		1.0	1.7	1.5								4.7	8.2
SE		1.0	2.2	.4	.1							7.2	8.0
SSE		1.0	3.7	1.1	.4							17.4	8.9
S		1.0	5.2	5.7	.6							13.4	9.1
SSW	.4	1.0	2.5	1.5								3.9	9.1
SW	.2	1.0	1.0	1.5	.1							2.3	7.3
WSW	.1	1.1	.8	.6								8.3	8.0
W		2.1	2.2	1.1	.3	.1						6.9	10.3
WNW	.1	2.1	2.4	1.2	.9	.3						7.5	9.0
NW		2.2	3.6	1.2	.4							6.6	10.0
NNW		1.0	2.1	2.8	.1								
VARBL													
CALM												3.1	
	1.0	23.0	42.5	25.4	3.5	.4						100.0	

TOTAL NUMBER OF OBSERVATIONS 720

U.S. AIR FORCE METEOROLOGICAL BRANCH
AF 1140
METEOROLOGICAL SERVICE/MAC

SURFACE WINDS

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

47	KANSAS CITY INTL MO	77-81	
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			1-12-50
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		1.7	2.6	2.0	.7							7.7	4.0
NNE	.1	1.9	1.8	1.3								4.7	7.0
NE	.7	.7	2.4	1.0								4.0	7.4
ENE	.1	.7	1.0	.7								3.0	7.0
E		1.4	1.7	.7								2.7	7.0
ESE		1.0	2.5	1.0								3.0	7.0
SE		1.7	1.7	.7								3.0	7.0
SSE	.1	2.1	3.7	1.1	.4	.1						1.3	7.0
S	.3	2.2	2.4	1.7	.6	.1						1.0	7.0
SSW		1.1	2.6	2.6	.4							1.0	7.0
SW		2.1	1.5	.4								1.0	7.0
WSW	.1	.7	1.3	.3								2.4	7.0
W	.7	1.3	2.2	1.1		.1						1.1	7.0
WNW	.3	2.2	2.7	2.1	.3	.7						1.0	7.0
NW		1.3	2.3	2.4	1.0	.1						1.0	11.0
NNW	.3	.0	1.7	1.0	.1							1.0	7.0
VARBL													
CALM												2.4	
	1.4	26.7	59.2	25.4	3.6	.0						1.0	7.0

TOTAL NUMBER OF OBSERVATIONS 72

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANOGRAPHIC SERVICE
CLIMATE DIVISION

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

SURFACE WINDS

STATION 47 KANSAS CITY, MO. 71-72 YEARS 71-72 MONTH ALL
 CLASS ALL WEATHER
 CONDITION ALL
 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		1.6	3.2	2.4	.7	.7						2.4	4.0
NNE	.1	1.1	1.6	1.4	.1							4.2	6.0
NE	.1	.7	2.1	1.2	.1							5.2	6.6
ENE	.1	.6	1.3	.6	.7							2.6	4.7
E	.1	1.7	1.8	1.1	.1							4.2	5.0
ESE	.2	1.2	1.5	1.1	.6							4.6	5.0
SE	.1	1.3	1.8	1.1	.1							4.3	5.0
SSE	.1	1.2	2.2	1.6	.2	.7						5.0	6.2
S	.1	2.2	5.4	6.4	1.5	.1						11.7	11.0
SSW	.2	1.5	3.4	3.7	.7	.1						7.7	10.0
SW	.1	1.4	1.9	1.8	.2	.6						.9	4.6
WSW	.1	1.1	1.3	.6	.1							2.2	5.0
W	.1	2.1	2.6	1.9	.4	.1						7.2	6.6
WNW	.7	1.0	2.6	2.5	.6	.2						7.3	10.0
NW	.1	1.2	2.4	2.5	.8	.1						6.2	10.0
NNW	.2	.6	1.7	2.0	.3	.5						5.0	10.3
VARBL													
CALM												2.4	
	1.6	20.7	37.4	31.9	5.3	.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 15

U.S. AIR FORCE
 AIRCRAFT
 METEOROLOGICAL SERVICE/14C

SURFACE WINDS

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

47
 STATION

14 GAS CITY INTL NC
 STATION NAME

73-80
 YEARS

12
 MONTH

ALL WEATHER

CLASS

1000-11
 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	5.0	.7							2.1	13.4
NNE	.1	.4	.9	.7	.7							3.1	17.7
NE		.7	.9	.3								1.9	7.5
ENE	.1	.4	1.1	.3	.1							2.6	7.0
E	.1	2.4	2.3	.3								3.1	10.7
ESE	.3	2.5	1.5	.1								4.4	8.0
SE		.2	1.3	.1								1.6	7.4
SSE		.1	2.4	.8								3.3	10.7
S		3.7	7.7	4.6	1.1	.1						10.3	13.7
SSW		1.1	4.4	4.6	.5	.3						12.5	11.7
SW	.7	2.6	2.4	1.5		.1						6.9	10.5
WSW	.1	1.7	.8	.5								2.6	7.7
W	.1	2.7	1.7				.1					4.7	7.0
WNW	.1	2.2	2.0	2.4	.1							6.7	9.7
NW		1.7	2.4	2.8	.4							7.1	10.7
NNW	.1	.7	3.1	4.0	.7							8.6	11.1
VARBL													
CALM													
	1.5	26.5	37.9	26.2	4.3	.5	.1					171.3	7.0

TOTAL NUMBER OF OBSERVATIONS

744

SURFACE WINDS

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

47
STATION

KANSAS CITY INTL AD
STATION NAME

7-51
YEARS

YEARS

51
NORTH

NORTH

ALL WEATHER
CLASS

51
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	1.6	0.3	1.5	.1						.1	12.7
NNE		.7	1.1	.9	.5							.7	11.0
NE		.0	1.2	.5								.0	7.0
ENE		.0	1.3	.1	.1							.0	7.7
E		1.5	1.6	.4								.0	7.0
ESE		1.7	3.2	.7								.6	7.7
SE	.4	1.5	.8	.4								.1	6.0
SSE		1.5	3.7	.9								.5	7.0
S	.1	2.3	5.6	1.1	1.3	.1						1.5	12.7
SSW	.1	2.0	5.1	3.4	.3							11.4	7.0
SW		1.7	2.3	.6	.4	.1						.4	7.7
WSW		1.3	.9	.3	.3							.0	7.0
W		2.7	1.6	.5								.0	6.7
WNW		2.3	2.6	1.7	.3							.0	6.0
NW	.1	1.6	3.2	3.4	.3							.0	9.7
NNW		1.0	2.3	4.3	.5	.1						.7	11.1
VARBL													
CALM													
	.2	21.4	33.4	26.3	5.5	.5						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

744

WIND CLIMATOLOGY HANDBOOK
 1965
 U.S. AIR FORCE SERVICE/AFM

SURFACE WINDS

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

STATION 47 STATION NAME KANSAS CITY INTL MO YEARS 77-80 MONTH ALL
 CLASS ALL WEATHER
 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	3.1	1.5	.1						7.8	12.5
NNE	.1	.6	.4	.4	.5							2.5	10.1
NE		1.3	1.5	.8								3.6	8.0
ENE	.2	.1	.7	.4								1.5	8.0
E		1.1	1.9	.8								3.8	10.2
ESE		1.3	2.8	.9								5.0	9.0
SE	.3	.7	2.9	.5								4.3	9.0
SSE	.1	2.7	2.7	1.2	.3							6.0	10.7
S		2.7	5.4	5.2	.3							14.7	12.0
SSW		1.2	3.7	4.6	.7							10.2	11.1
SW		1.5	3.1	.8								5.3	9.0
WSW	.1	2.2	1.7	.4								4.4	7.0
W	.1	2.8	2.3	.9								5.7	7.0
WNW		1.7	2.7	2.2								5.6	7.1
NW		2.3	1.3	3.5	.4	.1						6.6	10.7
NNW	.1	1.7	1.6	2.8	.3							5.8	10.7
VARBL												0.4	
CALM													
	1.2	24.7	35.3	24.6	4.0	.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE
 10-100-1
 10-100-1

SURFACE WINDS

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

STATION 47 STATION NAME KANSAS CITY INTL MO YEARS 72-80 MONTH ALL

CLASS ALL WEATHER

CONDITION

MOONS (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	1.2	1.5	1.4	1.1	.4	.7					7.4	13.3
NNE	.1	.7	.4	.9	.1	.1						2.4	10.4
NE		1.7	2.2	.9								4.3	8.1
ENE		.1	.5	.3								.3	4.1
E		.1	1.5	.9								2.7	8.0
ESE		.4	1.7	2.0								4.3	10.1
SE		.4	2.3	.5	.1							3.4	7.0
SSE		.3	2.2	2.4	.3							3.6	11.0
S		2.2	4.5	4.2	2.2	.7	.1					10.7	12.1
SSW	.1	1.2	3.7	4.3	1.2	.3						10.1	11.7
SW	.1	1.7	3.5	2.3	.2							6.1	7.0
WSW		1.2	1.7	1.2								4.3	8.0
W		.2	2.3	1.1	.1							3.4	8.1
WNW	.1	2.3	3.8	1.9	.7	.7						8.7	7.0
NW	.1	.4	1.7	4.3	1.3							7.9	10.1
NNW		.7	3.1	3.1	1.2	.1						6.2	11.7
VARBL													
CALM												1.3	
	.1	17.1	34.0	33.7	8.6	1.5	.4					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE
 WENTZ
 METEOROLOGICAL SERVICE/NAO

SURFACE WINDS

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

47 STATION KANSAS CITY INTL MO 77-60 YEARS NORTH 1947-1967
 CLASS ALL WEATHER
 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	2.2	4.4	1.2	.9						4.0	12.9
NNE			1.1	1.1	.3	.3						2.7	10.9
NE	.1	.5	1.1	.5	.4							2.7	9.0
ENE		.5	.7	.8								2.0	8.0
E		.4	.9	.8								2.0	8.0
ESE		.1	.9	1.3								2.3	10.0
SE		.1	1.3	.9	.1							2.1	10.0
SSE		.4	1.5	1.6	.1							3.6	10.3
S	.1	.4	3.2	6.1	1.7	.7						11.8	12.7
SSW		1.1	2.5	3.8	3.4	.8						11.6	14.1
SW		.8	3.6	2.6	.8	.1						6.1	10.0
WSW	.1	1.5	1.7	1.1								4.4	10.4
W	.1	2.3	2.4	1.2	.3							4.1	10.0
WNW	.1	1.2	3.2	4.4	.7	.5						10.8	11.7
NW	.1	.4	3.2	3.9	1.2	.1						8.9	12.0
NNW		1.1	2.7	4.2	.3							6.2	11.9
VARBL													
CALM												1.0	
	.8	11.3	33.1	35.8	11.0	2.6						100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 743

USAFETAC
 0-8-5 (OL-A)
 JUL 64

SURFACE WINDS

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

STATION 47 KANSAS CITY INTL MO STATION NAME 77-80 YEARS 240 NORTH
 ALL WEATHER CLASS 1500-1700 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	2.7	3.6	.3	.1						7.5	11.0
NNE		.4	.5	1.2	.5							.7	12.7
NE		.0	.9	1.1								.0	15.1
ENE		.0	.2	.9		.1						.0	11.0
E		.4	1.5	.8								.7	9.3
ESE		.0	1.1	.4								.0	7.7
SE		.0	1.5	.7								.7	7.7
SSE		.7	2.6	1.1								4.2	7.4
S	.3	1.7	5.6	5.2	2.3	.1						11.0	11.0
SSW	.1	.0	3.1	3.1	1.7	.1						4.1	11.0
SW		1.6	2.3	1.7								.6	9.0
WSW	.1	1.3	1.9	1.3								4.7	9.0
W		1.0	2.9	1.7								5.0	9.0
WNW	.3	.4	1.9	3.1	.5	.1						5.9	11.0
NW		1.6	2.3	4.7	1.3	.1						4.9	12.7
NNW	.1	2.2	2.8	3.9	1.2	.1						10.3	11.1
VARBL													
CALM												4.0	
	1.1	11.3	34.5	34.7	8.5	.9						10.0	11.0

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE
 USAFETAC
 WEATHER SERVICE/440

SURFACE WINDS

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

STATION 47 STATION NAME KANSAS CITY INTL AC YEARS 73-81 MONTH ALL
 CLASS ALL WEATHER
 HOURS (L.S.T.) 0000-1500
 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	2.2	3.2	.7	.1						10.3	10.3
NNE		.4	1.5	1.2	.4							10.3	10.3
NE		.3	1.3	.5	.4							10.3	10.3
ENE		.2	1.1	.3	.1							7.4	7.4
E		1.4	1.5	.8								7.4	7.4
ESE		1.7	1.7	.7								7.4	7.4
SE	.1	2.2	1.5	.5								7.4	7.4
SSE		1.2	2.7	2.5								7.4	7.4
S	.1	2.5	6.5	5.9	1.3							10.3	10.3
SSW	.1	1.3	2.4	1.6	.4	.3						10.3	10.3
SW		1.4	.8	.7								7.4	7.4
WSW	.1	2.1	.5	.3	.3							7.4	7.4
W	.1	2.5	1.7	.8								7.4	7.4
WNW		2.3	2.7	1.2	.4							7.4	7.4
NW	.4	2.2	3.5	3.0	.9							10.3	10.3
NNW	.3	2.3	2.6	3.8	.2	.1						10.3	10.3
VARBL													
CALM												4.0	
	1.3	27.7	33.7	26.1	5.8	.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE
METEOROLOGICAL BRANCH
U.S. AIR FORCE
METEOROLOGICAL SERVICE/MAC

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

SURFACE WINDS

STATION 147 KANSAS CITY INTL MO STATION NAME 77-80 YEARS 1960 MONTH 11
CLASS ALL WEATHER HOURS (L.S.T.) 0100-2000
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							4.8	11.7
NNE		.9	1.1	1.2		.1						3.5	10.7
NE		.4	1.2	.8	.3							2.7	10.6
ENE		.2	.3	.3								1.8	7.8
E		1.6	2.7	.5	.1							4.3	8.7
ESE	.7	1.1	2.3	.4								4.8	7.7
SE		1.5	1.7	.1								3.6	6.9
SSE		.9	4.2	1.3	.3							6.7	9.3
S	.3	1.6	6.3	5.6	1.2	.1						18.2	15.7
SSW		.7	3.1	3.1	.7	.3						7.8	11.7
SW		2.4	1.3	1.6	.3							5.6	9.1
WSW	.1	2.2	.5	.3								3.1	8.7
W	.1	1.7	2.0	.4								4.4	7.7
WNW	.4	1.2	2.7	1.5	.3							6.4	9.2
NW	.7	2.7	3.4	3.5	.0							13.6	9.9
NNW	.1	1.3	2.2	3.5	1.3							8.5	11.2
VARBL													
CALM												4.0	
	2.2	22.2	36.6	26.4	6.2	.5						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE CLIMATE DIVISION
 WASHINGTON, D.C.
 WEATHER SERVICE AREA

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

SURFACE WINDS

STATION: 47 KANSAS CITY INTL MO STATION NAME: 77-KJ YEARS: 50 NORTH
 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	1.3	.7	.6					5.3	11.7
NNE	.1	.6	.9	1.7	.4	.1						2.9	11.1
NE	.0	.7	1.3	.7	.1							2.9	7.5
ENE	.1	.7	.8	.4	.1	.7						1.9	5.8
E	.0	1.1	1.7	.7	.7							3.8	8.7
ESE	.1	1.3	1.9	.8								4.1	8.1
SE	.1	1.7	1.7	.5	.0							3.3	7.0
SSE	.0	1.1	2.6	1.4	.1							5.2	7.7
S	.1	2.0	5.6	5.4	1.6	.1	.7					14.8	11.5
SSW	.1	1.3	3.4	3.5	1.1	.7						9.7	11.5
SW	.1	1.7	2.4	1.5	.2	.1						6.1	9.1
WSW	.1	1.7	1.2	.7	.1							3.8	7.8
W	.1	2.7	2.2	.8	.1		.6					5.4	7.7
WNW	.1	1.5	2.5	2.3	.4	.1						7.2	9.4
NW	.2	1.5	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												5.7	
	1.2	21.4	35.8	39.5	6.8	.9	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 7951

SURFACE WINDS

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

47 STATION NAME LAS VEGAS CITY INTL MO 17-81 YEARS MONTH ALL HOURS (L.S.T.)

ALL WEATHER CLASS

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	1.0	2.5	2.3	.4	.1	.0					3.8	10.0
NNE	.1	1.1	1.4	1.0	.0	.0						1.8	9.1
NE	.1	1.1	1.6	.9	.1	.0						2.8	8.7
ENE	.1	.0	1.2	.7	.1	.0						2.8	8.6
E	.1	1.7	2.4	1.5	.1	.0						1.9	8.3
ESE	.1	1.3	2.4	1.3	.1	.0						5.7	8.5
SE	.1	2.0	2.4	1.2	.1	.0						1.7	8.3
SSE	.1	2.0	3.1	1.7	.2	.0						7.2	8.0
S	.2	3.1	4.3	4.2	1.3	.7	.0					17.4	10.0
SSW	.1	1.7	2.9	2.9	.7	.2	.0					4.5	10.0
SW	.1	1.4	1.8	1.2	.2	.0						4.9	9.1
WSW	.1	1.4	1.2	.5	.1	.0						2.3	7.8
W	.2	1.0	1.6	.8	.1	.1	.0	.0				4.0	8.1
WNW	.1	1.5	1.6	1.4	.3	.1	.0	.0				2.0	7.0
NW	.1	1.2	4.0	2.1	.5	.1	.0					2.9	10.4
NNW	.1	1.1	1.7	1.7	.4	.1	.0					3.1	10.3
VARBL													
CALM												3.4	
	2.0	25.3	34.0	27.4	4.9	.9	.1	.0				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 7111

SURFACE WINDS

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

STATION 47 KANSAS CITY INTL MO 73-81 ALL MONTH ALL HOURS (L.S.T.)

INSTRUMENT CLASS CIG 200 FT 1400 FT W/ VSBY 1/2 MI OR MORE, CONDITION AND/OR VSBY 1/2 TO 2-1/2 MI A/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					1.5	11.4
NNE	.0	.7	2.1	2.7	.8	.1						.4	11.5
NE	.0	1.4	2.6	2.2	.4							.8	13.7
ENE	.1	.2	2.1	1.8	.2							.3	13.1
E	.0	1.4	3.4	4.0	.5	.1						.5	13.7
ESE	.1	1.4	2.2	1.9	.2	.0						.7	9.4
SE	.1	1.2	2.1	1.3	.2	.0						.4	9.4
SSE	.0	.9	2.2	1.2	.2							.5	9.4
S	.1	1.2	2.7	2.5	.5	.1	.0					7.0	13.4
SSW	.1	.7	1.2	1.0	.2	.1						3.2	9.7
SW	.1	.3	.9	.7	.1							.6	9.0
WSW	.1	.2	.7	.5	.2							.0	8.7
W	.1	1.0	1.1	.9	.3	.1	.0					.5	9.7
WNW	.1	1.0	2.0	1.6	.4	.1	.0					.1	13.6
NW	.1	.9	2.6	3.4	1.2	.1						.2	11.7
NNW	.1	.9	2.9	4.0	1.3	.2	.0					.4	11.5
VARBL													
CALM												2.0	
	1.3	16.6	56.0	35.1	7.4	1.0	.1					100.0	13.1

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.

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

CEILING (FEET)		VISIBILITY (STATUTE MILES)															
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	≥ 0		
NO CEILING																	
VV	1800																
VV	1500					91.0										92.6	
VV	1200																
VV	1000																
VV	900																
VV	800																
VV	700																
VV	600																
VV	500																
VV	400									97.4						98.1	
VV	300																
VV	200																
VV	100																
VV	0					95.4		96.9			98.3					100.0	

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 ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 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
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

47 KANSAS CITY INTL MO

74-81

JA

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-6200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 2/3	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING ≥ 20000	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
≥ 18000 ≥ 17000	57.1	57.9	59.3	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 ≥ 15000	57.1	57.9	59.7	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 ≥ 13000	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 ≥ 11000	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 ≥ 9000	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
≥ 8000 ≥ 7000	61.7	62.9	64.1	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
≥ 6000 ≥ 5000	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
≥ 4500 ≥ 4000	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
≥ 3500 ≥ 3000	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
≥ 2500 ≥ 2000	66.4	68.1	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
≥ 1800 ≥ 1500	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
≥ 1200 ≥ 1000	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
≥ 900 ≥ 800	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
≥ 700 ≥ 600	69.9	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
≥ 500 ≥ 400	70.7	73.8	75.3	76.6	76.6	76.6	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 300 ≥ 200	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	78.9
≥ 100 ≥ 0	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	80.0
≥ 1200 ≥ 1000	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	82.0
≥ 900 ≥ 800	74.6	79.8	81.7	82.8	82.9	82.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 700 ≥ 600	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	86.4
≥ 500 ≥ 400	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	87.5
≥ 300 ≥ 200	75.9	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	88.3
≥ 100 ≥ 0	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	89.8
≥ 1200 ≥ 1000	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	91.0
≥ 900 ≥ 800	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	92.6
≥ 700 ≥ 600	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	94.0
≥ 500 ≥ 400	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	95.6
≥ 300 ≥ 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	97.2
≥ 100 ≥ 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	98.1	98.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

KANSAS CITY INTL MO

74-81

JA

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 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	56.6	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	58.2	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	58.2	58.3	58.3	58.3	58.5	58.5	58.5
≥ 16000	54.3	56.2	56.6	57.3	57.8	57.9	58.1	58.2	58.2	58.2	58.3	58.3	58.3	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	59.4	59.5	59.5	59.5	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	60.2	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	63.7	63.8	63.8	63.8
≥ 8000	60.8	63.2	63.6	64.2	64.8	64.9	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.5	65.5	65.5
≥ 6000	61.2	64.2	64.7	65.3	65.9	66.0	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.5	66.5	66.5
≥ 4000	62.3	65.3	65.7	66.4	66.9	67.1	67.2	67.3	67.3	67.5	67.5	67.5	67.5	67.6	67.6	67.6
≥ 2000	63.8	66.5	67.1	68.0	68.5	68.7	68.8	69.0	69.0	69.1	69.1	69.1	69.1	69.2	69.2	69.2
≥ 1000	64.9	67.7	68.4	69.4	70.0	70.2	70.3	70.4	70.4	70.6	70.6	70.6	70.6	70.7	70.7	70.7
≥ 500	65.5	68.3	69.0	69.9	70.7	70.8	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.4	71.4	71.4
≥ 300	66.4	69.2	69.9	70.8	71.6	71.8	71.9	72.0	72.0	72.2	72.2	72.2	72.2	72.3	72.3	72.3
≥ 150	67.5	70.6	71.2	72.2	73.0	73.1	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.7	73.7	73.7
≥ 75	68.5	71.8	72.4	73.4	74.2	74.3	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.9	74.9	74.9
≥ 37.5	70.2	73.9	75.0	75.9	76.7	76.9	77.0	77.2	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.4
≥ 18.75	72.3	76.1	77.3	78.5	79.3	79.4	79.6	79.7	79.7	79.8	79.8	79.8	79.8	80.0	80.0	80.0
≥ 9.375	72.7	76.5	77.8	79.2	80.0	80.1	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.9	80.9	81.0
≥ 4.6875	73.7	77.8	79.2	80.6	81.5	81.6	81.9	82.1	82.1	82.3	82.3	82.3	82.3	82.5	82.5	82.7
≥ 2.34375	74.2	78.9	80.6	82.4	83.2	83.3	83.6	84.1	84.1	84.3	84.3	84.3	84.3	84.5	84.5	84.7
≥ 1.171875	74.7	80.2	82.0	83.9	84.7	84.8	85.3	86.0	86.0	86.2	86.2	86.2	86.2	86.4	86.4	86.6
≥ 0.5859375	75.1	81.3	83.1	84.9	85.8	85.9	86.4	87.1	87.1	87.4	87.4	87.4	87.4	87.6	87.6	87.7
≥ 0.29296875	75.1	81.9	83.6	85.6	86.4	86.6	87.2	88.0	88.0	88.3	88.3	88.3	88.3	88.6	88.6	88.8
≥ 0.146484375	75.8	82.8	84.7	86.7	87.5	88.2	89.2	90.1	90.1	90.5	90.6	90.6	90.6	90.9	90.9	91.0
≥ 0.0732421875	75.8	82.8	84.8	86.8	87.6	88.3	89.4	90.2	90.2	90.6	90.7	90.7	90.7	91.0	91.0	91.1
≥ 0.03662109375	75.9	82.9	85.1	87.2	88.0	88.8	90.3	91.3	91.3	91.8	92.1	92.1	92.1	92.3	92.3	92.5
≥ 0.018310546875	75.9	83.1	85.2	87.5	88.3	89.1	90.6	91.5	91.5	92.3	92.6	92.6	92.6	92.9	92.9	93.1
≥ 0.0091552734375	75.9	83.1	85.2	87.5	88.4	89.2	91.1	92.1	92.1	93.3	93.7	93.7	93.7	94.4	94.4	94.9
≥ 0.00457763671875	75.9	83.1	85.2	87.5	88.4	89.2	91.5	92.6	92.6	94.6	95.2	95.2	95.2	96.0	96.0	96.5
≥ 0.002288818359375	75.9	83.2	85.3	87.6	88.6	89.4	91.7	92.7	92.7	94.9	95.4	95.4	95.4	96.5	96.5	97.3
≥ 0.0011444091796875	75.9	83.2	85.3	87.6	88.6	89.4	91.7	92.7	92.7	94.9	95.4	95.4	95.4	96.9	96.9	98.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7747

KANSAS CITY INTL MO

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO. CEILING ≥ 20000	46.2	48.8	49.6	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.8	50.8	50.8
≥ 18000	47.7	50.7	51.5	51.9	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.7	52.7	52.7
≥ 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	53.0	53.2	53.2	53.2
≥ 14000	48.3	51.2	52.0	52.4	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.2	53.2	53.2
≥ 12000	49.5	52.6	53.4	53.8	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.6	54.6	54.6
≥ 10000	50.5	53.9	54.8	55.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.0
≥ 9000	53.1	56.5	57.4	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.6	58.6	58.6
≥ 8000	54.3	58.5	59.4	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.6	60.6	60.6
≥ 7000	55.9	59.5	60.5	60.9	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.7	61.7	61.7
≥ 6000	58.1	62.0	62.9	63.7	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.7	64.7	64.7
≥ 5000	59.4	63.6	64.5	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.3	66.3	66.3
≥ 4500	60.3	64.5	65.5	66.3	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.2	67.2	67.2
≥ 4000	60.8	65.1	66.0	66.8	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.7	67.7	67.7
≥ 3500	61.7	66.3	67.2	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.0	69.0	69.0
≥ 3000	62.9	67.7	68.7	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4
≥ 2500	63.6	68.4	69.4	70.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.1	71.1	71.1
≥ 2000	65.2	70.4	71.4	72.2	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4	73.4	73.4
≥ 1800	66.3	71.9	73.1	74.1	74.9	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.7	75.7	75.7
≥ 1600	66.9	72.7	73.9	75.0	75.8	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.6	76.6	76.6
≥ 1400	68.3	74.6	75.9	77.3	78.1	78.5	78.9	78.9	78.9	78.9	79.0	79.0	79.0	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	81.6	81.9	81.9	81.9	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	83.9	84.1	84.1	84.1	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	85.3	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	86.7	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	88.6	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	89.2	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	90.3	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	91.4	91.9	91.9	91.9
≥ 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	93.5	94.4	94.4	94.4
≥ 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	94.4	95.7	95.8	95.8
≥ 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	94.9	96.4	96.5	96.5
≥ 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	95.2	96.6	96.8	97.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3047

KANSAS CITY INTL MO

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/8	≥ 0
NO CEILING ≥ 20000	39.1	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
≥ 18000	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
≥ 16000	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	44.3	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
≥ 12000	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
≥ 10000	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
≥ 8000	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
≥ 6000	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
≥ 4000	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	61.8
≥ 3000	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
≥ 2000	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
≥ 1500	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
≥ 1000	53.8	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
≥ 800	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
≥ 600	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
≥ 400	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
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1947

KANSAS CITY INTL MO

74-81

JAN

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	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	43.5	45.1	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
≥ 2000	49.2	54.8	56.2	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
≥ 1800	49.2	54.8	56.2	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
≥ 1600	49.2	54.8	56.2	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	56.7	63.6	65.1	65.3	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.3
≥ 600	57.1	64.0	65.5	65.7	66.3	66.4	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.8	66.8	66.8
≥ 500	57.5	64.4	66.0	66.3	66.8	66.9	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.3	67.3	67.3
≥ 450	58.3	65.2	66.8	67.1	67.6	67.7	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.1
≥ 400	58.9	65.7	67.3	67.9	68.4	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.8	69.0	69.0	69.0
≥ 350	59.0	66.0	67.6	68.1	68.8	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.4	69.4	69.4
≥ 300	59.4	67.5	69.2	70.0	70.8	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.4	71.4	71.4
≥ 250	61.3	69.6	72.7	73.1	74.2	74.3	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.7	74.7	74.7
≥ 200	62.2	70.7	73.4	74.5	75.5	75.7	75.9	76.2	76.2	76.3	76.3	76.3	76.3	76.5	76.5	76.5
≥ 180	62.6	71.5	74.2	75.4	76.6	76.7	77.0	77.3	77.3	77.4	77.4	77.4	77.4	77.6	77.6	77.6
≥ 150	63.3	73.4	76.2	77.8	79.3	79.4	79.8	80.1	80.1	80.2	80.2	80.2	80.2	80.4	80.4	80.4
≥ 120	64.1	75.1	78.4	80.5	82.3	82.4	83.2	83.5	83.5	83.6	83.6	83.6	83.6	83.7	83.7	83.7
≥ 100	64.4	76.3	79.7	82.0	83.9	84.0	85.2	85.6	85.6	85.9	85.9	85.9	85.9	86.0	86.0	86.0
≥ 90	64.4	76.9	80.4	83.3	85.5	85.6	87.0	87.5	87.5	87.8	87.8	87.8	87.8	87.9	87.9	87.9
≥ 80	64.7	77.4	80.9	83.9	86.2	86.3	87.6	88.2	88.2	88.6	88.6	88.6	88.6	88.7	88.7	88.7
≥ 70	64.7	77.4	81.0	84.0	86.4	86.7	88.0	88.6	88.6	89.0	89.0	89.0	89.0	89.1	89.1	89.1
≥ 60	64.9	77.8	81.5	84.5	87.2	87.5	88.8	89.5	89.5	90.2	90.6	90.6	90.6	90.7	90.7	90.7
≥ 50	64.9	78.0	81.6	84.8	87.9	88.2	89.7	90.7	90.7	91.7	92.1	92.1	92.1	92.2	92.2	92.2
≥ 40	64.9	78.1	81.7	85.1	88.7	89.0	91.4	92.6	92.6	93.8	94.5	94.5	94.5	94.6	94.6	94.6
≥ 30	64.9	78.1	81.7	85.1	88.7	89.0	91.7	93.1	93.1	95.2	96.2	96.2	96.2	96.9	96.9	97.4
≥ 20	64.9	78.1	81.7	85.1	88.7	89.0	91.7	93.1	93.1	95.2	96.4	96.4	96.4	97.4	97.4	98.0
≥ 10	64.9	78.1	81.7	85.1	88.8	89.1	91.8	93.3	93.3	95.3	96.5	96.5	96.5	97.6	97.6	98.4
≥ 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	96.5	97.6	97.6	98.5

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3947

KANSAS CITY INTL MO

74-81

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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	≥⅓	≥¼	≥⅓	≥0
NO CEILING ≥ 2000	44.3	47.7	48.1	48.3	48.3	49.3	48.4	48.4	48.4	46.4	48.4	48.4	48.4	48.4	48.4	48.5
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	59.9	65.5	65.9	66.1	66.1	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.7
≥ 700	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
≥ 600	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
≥ 500	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
≥ 450	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
≥ 400	62.9	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
≥ 350	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
≥ 300	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
≥ 250	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
≥ 200	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
≥ 180	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
≥ 150	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
≥ 120	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
≥ 100	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
≥ 90	68.8	81.3	83.6	86.6	88.2	89.0	89.7	89.9	89.9	90.7	90.7	90.7	90.7	90.9	90.9	91.0
≥ 80	68.8	81.3	83.6	86.7	88.4	89.2	90.2	90.5	90.5	91.3	91.4	91.4	91.4	91.5	91.5	91.7
≥ 70	68.8	81.6	83.9	87.0	89.0	89.8	90.9	91.3	91.3	92.1	92.2	92.2	92.2	92.5	92.5	92.6
≥ 60	68.8	81.6	84.0	87.2	89.8	90.7	92.3	93.1	93.1	94.1	94.2	94.2	94.2	94.5	94.5	94.6
≥ 50	68.8	81.6	84.0	87.2	89.8	90.7	92.5	93.4	93.4	94.4	94.5	94.5	94.5	94.8	94.8	94.9
≥ 40	63.8	81.6	84.0	87.6	90.3	91.3	93.3	94.5	94.5	95.8	96.4	96.4	96.4	96.8	96.8	97.0
≥ 30	69.8	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
≥ 20	68.8	81.6	84.0	87.6	90.5	91.4	93.7	94.9	95.0	97.4	98.3	98.3	98.3	98.7	98.9	99.3
≥ 10	68.8	81.6	84.0	87.6	90.5	91.4	93.7	94.9	95.0	97.4	98.3	98.3	98.3	98.7	98.9	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	98.3	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3547

KANSAS CITY INTL MO

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1980-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	53.3	52.7	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5
≥ 25000	54.8	57.1	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	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	58.2	58.3	58.3	58.3	58.3	58.3	58.3
≥ 15000	55.2	57.5	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	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	69.5	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	72.8	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	99.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19947

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	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	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
≥ 18000	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
≥ 16000	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	57.2	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	61.8	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	64.3	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	72.0	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	84.0	84.1	84.3	84.3	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	85.6	86.0	86.2	86.2	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	86.7	87.4	87.5	87.5	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	87.0	87.9	88.0	88.0	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	87.9	89.0	89.5	89.5	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	89.4	90.5	91.0	91.0	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	89.9	91.3	91.8	91.8	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	90.2	91.8	92.6	92.6	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	90.7	92.7	93.8	93.8	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	91.3	93.4	94.9	95.0	96.4	96.5	96.5	96.6	96.6	96.8
≥ 200	77.0	85.1	86.8	90.1	91.0	91.3	91.3	93.5	95.0	95.3	97.2	97.4	97.4	97.7	97.7	98.3
≥ 100	77.0	85.1	86.8	90.1	91.0	91.3	91.3	93.5	95.0	95.3	97.2	97.7	97.7	98.0	98.0	98.8
≥ 0	77.0	85.1	86.8	90.1	91.0	91.3	91.3	93.5	95.0	95.3	97.2	97.7	97.7	98.0	98.0	98.4

TOTAL NUMBER OF OBSERVATIONS 744

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747

KANSAS CITY INTL MO

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	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
≥ 18000 ≥ 16000	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
≥ 14000 ≥ 12000	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
≥ 10000 ≥ 8000	52.0	55.3	56.0	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
≥ 6000 ≥ 4000	53.0	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
≥ 3000 ≥ 2000	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
≥ 1500 ≥ 1000	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
≥ 800 ≥ 600	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
≥ 400 ≥ 300	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
≥ 200 ≥ 100	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
≥ 80 ≥ 60	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
≥ 40 ≥ 30	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
≥ 20 ≥ 15	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
≥ 10 ≥ 8	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
≥ 5 ≥ 4	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
≥ 3 ≥ 2	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
≥ 1 ≥ 0	66.6	72.5	73.9	75.0	75.8	75.8	76.1	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.4	76.5
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	71.0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3-47
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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING ≥ 20000	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
≥ 18000 ≥ 17000	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 ≥ 15000	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 ≥ 13000	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 ≥ 11000	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 ≥ 9000	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
≥ 8000 ≥ 7000	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
≥ 6000 ≥ 5000	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
≥ 4500 ≥ 4000	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
≥ 3500 ≥ 3000	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
≥ 2500 ≥ 2000	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
≥ 1800 ≥ 1500	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
≥ 1200 ≥ 1000	63.3	65.2	67.0	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
≥ 900 ≥ 800	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
≥ 700 ≥ 600	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
≥ 500 ≥ 400	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
≥ 300 ≥ 200	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
≥ 180 ≥ 150	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
≥ 120 ≥ 100	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
≥ 90 ≥ 80	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
≥ 70 ≥ 60	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
≥ 50 ≥ 40	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
≥ 30 ≥ 20	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
≥ 18 ≥ 15	76.8	82.3	86.1	88.1	89.2	89.8	90.1	90.3	90.6	90.9	90.9	90.9	90.9	90.9	91.0	91.2
≥ 12 ≥ 10	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
≥ 9 ≥ 8	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
≥ 7 ≥ 6	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
≥ 5 ≥ 4	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
≥ 3 ≥ 2	76.8	82.3	86.1	88.1	91.3	92.9	93.5	94.1	94.8	96.9	97.2	97.2	97.2	98.1	98.4	98.5
≥ 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	97.2	98.5	98.5	99.0
≥ 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	97.2	98.5	98.5	99.1

TOTAL NUMBER OF OBSERVATIONS 675

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1347

KANSAS CITY INTL MO

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3300-1500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/20	≥ 0
NO CEILING ≥ 20000	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
≥ 18000 ≥ 6700	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 ≥ 2000	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
≥ 10000 ≥ 9000	53.2	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
≥ 8000 ≥ 7000	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
≥ 6000 ≥ 5000	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
≥ 4500 ≥ 4000	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
≥ 3500 ≥ 3000	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
≥ 2500 ≥ 2000	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
≥ 1800 ≥ 1500	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
≥ 1400 ≥ 1200	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
≥ 1000 ≥ 900	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
≥ 800 ≥ 700	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
≥ 600 ≥ 500	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
≥ 400 ≥ 300	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
≥ 200 ≥ 100	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
≥ 100 ≥ 0	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
≥ 100 ≥ 0	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
≥ 100 ≥ 0	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
≥ 100 ≥ 0	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
≥ 100 ≥ 0	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
≥ 100 ≥ 0	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
≥ 100 ≥ 0	75.5	82.0	84.7	87.2	88.3	88.3	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.7
≥ 100 ≥ 0	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
≥ 100 ≥ 0	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
≥ 100 ≥ 0	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
≥ 100 ≥ 0	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	94.8	95.1
≥ 100 ≥ 0	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
≥ 100 ≥ 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	97.2	97.2	98.1	98.2
≥ 100 ≥ 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	99.0	99.1
≥ 100 ≥ 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	99.0	99.1

TOTAL NUMBER OF OBSERVATIONS 675

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1947 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 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
≥ 2000	49.7	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 450	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
≥ 400	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
≥ 350	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
≥ 300	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
≥ 250	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
≥ 200	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
≥ 180	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
≥ 150	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
≥ 120	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
≥ 100	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
≥ 90	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
≥ 80	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
≥ 70	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
≥ 60	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
≥ 50	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
≥ 40	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
≥ 30	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
≥ 20	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
≥ 10	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
≥ 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 674

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AT: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74-47

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	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32	≥ 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	51.6
≥ 2000	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	56.7	56.8
≥ 1800	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	56.7	56.8
≥ 1600	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	56.7	56.8
≥ 1400	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	58.1	58.3
≥ 1200	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	59.2	59.3
≥ 1000	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	62.1	62.3
≥ 900	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	62.9	63.0
≥ 800	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	65.1	65.2
≥ 700	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	66.1	66.3
≥ 600	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	66.3	66.4
≥ 500	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	67.2	67.3
≥ 450	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	67.5	67.6
≥ 400	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	68.8	68.9
≥ 350	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	70.1	70.3
≥ 300	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	71.3	71.4
≥ 250	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	73.4	73.5
≥ 200	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	75.6	75.7
≥ 180	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	77.8	78.0
≥ 150	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	81.4	81.5
≥ 120	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	84.0	84.2
≥ 100	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	85.8	85.9
≥ 90	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	87.0	87.1
≥ 80	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	88.0	88.2
≥ 70	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	90.1	90.2
≥ 60	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	91.3	91.4
≥ 50	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	93.0	93.2
≥ 40	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	94.8	95.1
≥ 30	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	96.9	97.6
≥ 20	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	97.0	98.1
≥ 10	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	97.3	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	97.3	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 676

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7447
STATION

KANSAS CITY INTL PD
STATION NAME

74-81
YEARS

FL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1999-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 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	54.9	62.4	64.7	65.6	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	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	67.8	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	69.2	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	72.6	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	76.8	77.0	77.0	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	77.7	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	81.7	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	85.7	85.8	85.8	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	88.3	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	88.6	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	89.7	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 678

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7747 KANSAS CITY INTL MO

74-81

FILE

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1907-1970
HOURS (C.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	45.7	49.6	57.6	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
≥ 2000	50.3	54.7	55.3	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
≥ 1800	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
≥ 1600	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
≥ 1400	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	57.8
≥ 1200	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	60.0
≥ 1000	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	61.7
≥ 900	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	62.1
≥ 800	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	63.4
≥ 700	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	64.6
≥ 600	55.9	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	65.6
≥ 500	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	66.2
≥ 450	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	66.7
≥ 400	57.1	65.0	66.4	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
≥ 350	57.4	65.9	67.3	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.3	69.3	69.3
≥ 300	58.1	67.8	69.3	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.2	71.2	71.5	71.5	71.5
≥ 250	59.1	69.9	71.7	73.3	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.3	74.3	74.6	74.6	74.6
≥ 200	61.2	73.0	74.9	76.5	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.6	77.6	77.9	77.9	77.9
≥ 180	61.7	73.5	75.5	77.3	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.5	78.5	78.8	78.8	78.8
≥ 150	63.1	76.7	79.5	81.9	82.7	83.0	83.2	83.2	83.2	83.2	83.2	83.5	83.5	83.8	83.8	83.8
≥ 120	63.7	78.2	81.4	84.4	85.3	85.7	85.8	86.0	86.0	86.0	86.0	86.3	86.3	86.6	86.6	86.6
≥ 100	63.9	78.9	82.7	86.0	87.3	87.8	88.1	88.2	88.2	88.2	88.2	88.5	88.5	88.8	88.8	88.8
≥ 90	63.9	78.9	82.9	86.1	87.6	88.3	88.8	88.9	88.9	89.2	89.5	89.5	89.5	89.8	89.8	89.8
≥ 80	63.9	78.9	82.9	86.1	87.8	88.8	89.5	89.8	89.8	90.3	90.7	90.7	90.7	91.0	91.0	91.0
≥ 70	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	91.7
≥ 60	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	94.1
≥ 50	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	95.6
≥ 40	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	96.6
≥ 300	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	98.1
≥ 200	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	99.0
≥ 100	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	100.0
≥ 0	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	100.0

TOTAL NUMBER OF OBSERVATIONS 67

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74-47

KANSAS CITY INTL MO

74-81

FEB

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	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO RECORD ≥ 2000	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
≥ 1800	55.9	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
≥ 1600	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
≥ 1400	56.7	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
≥ 1200	56.7	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
≥ 1000	53.3	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
≥ 900	57.6	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
≥ 800	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
≥ 700	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
≥ 600	61.9	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
≥ 500	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
≥ 450	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
≥ 400	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
≥ 350	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
≥ 300	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
≥ 250	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
≥ 200	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
≥ 150	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
≥ 100	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
≥ 80	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
≥ 60	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
≥ 40	71.5	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
≥ 30	71.5	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
≥ 20	71.5	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
≥ 10	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
≥ 5	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
≥ 3	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
≥ 2	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
≥ 1	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
≥ 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	98.7	99.1
≥ 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	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

CEILING VERSUS VISIBILITY

3:47

KANSAS CITY INTL MO

74-81

555

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-2300
HOURS (L.S.T.)

TEMP. (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	¾	¾	≥ 1/6	¾	≥ 0
NO. FEET. ≥ 2000	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
IN 1800	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
IN 1600	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
IN 1400	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
IN 1200	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
IN 1000	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
IN 800	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
IN 600	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
IN 400	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
IN 200	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
IN 100	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
IN 50	63.4	66.2	67.0	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
IN 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
IN 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
IN 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
IN 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
IN 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
IN 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
IN 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
IN 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
IN 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
IN 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
IN 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
IN 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
IN 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	92.6	92.6	92.6	92.6
IN 600	76.8	83.6	85.5	88.2	89.0	90.7	91.9	92.8	92.8	93.5	93.8	93.8	94.0	94.0	94.0	94.0
IN 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
IN 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
IN 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
IN 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
IN 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
IN 50	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	99.3

TOTAL NUMBER OF OBSERVATIONS 673

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7347

KANSAS CITY INTL MO

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.R.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥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	54.6	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	54.6	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	64.3	64.4
≥ 6000	57.7	62.5	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	68.6	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	73.8	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	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
≥ 300	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
≥ 200	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
≥ 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	98.2	99.0	100.0
≥ 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
USAF ETAC
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)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 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
≥ 16000	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	59.9	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	98.5	98.8	98.8	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
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7447

KANSAS CITY INTL MO

74-81

MAP

STATION

STATION NAME

YEARS

MORSE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

HOURE (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 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	60.5	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	69.7	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	77.7	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	79.3	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
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13447

KANSAS CITY INTL MO

74-81

MAP

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	≥1/16	≥0	≥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	51.1	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	64.5	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	81.6	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	83.3	83.5	83.5	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	85.6	85.9	85.9	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	87.0	87.2	87.2	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	88.4	88.7	88.7	88.8
≥ 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	89.5	89.9	89.9	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	90.5	90.9	90.9	91.0
≥ 500	66.9	77.2	82.8	86.8	88.6	89.4	91.9	92.2	92.2	92.3	92.3	92.5	92.5	93.0	93.0	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

MAP

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	≥⅓	≥⅓	≥⅓	≥⅓
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	44.7	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
≥ 16000	44.7	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	51.3	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	56.3	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	81.3	84.3	86.3	87.6	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 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	91.0	91.0	91.0	91.0
≥ 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	92.1	92.1	92.1	92.1
≥ 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	93.5	93.5	93.5	93.5
≥ 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	95.4	95.4	95.4	95.4
≥ 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	96.5	96.5	96.5	96.5
≥ 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	96.8	96.8	96.8	96.8
≥ 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	96.8	96.8	96.8	96.8
≥ 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

STATION
13047

STATION NAME
KANSAS CITY INTL MO

YEARS
74-81

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	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	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
≥ 18000 ≥ 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 ≥ 12000	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
≥ 10000 ≥ 9000	49.2	53.9	54.3	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
≥ 8000 ≥ 7000	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
≥ 6000 ≥ 5000	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
≥ 4500 ≥ 4000	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
≥ 3500 ≥ 3000	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
≥ 2500 ≥ 2000	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
≥ 1800 ≥ 1500	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
≥ 1200 ≥ 1000	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
≥ 900 ≥ 800	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
≥ 700 ≥ 600	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
≥ 500 ≥ 400	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
≥ 300 ≥ 200	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
≥ 180 ≥ 150	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
≥ 120 ≥ 100	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
≥ 90 ≥ 80	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
≥ 70 ≥ 60	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
≥ 50 ≥ 40	68.7	82.5	85.5	86.6	88.3	88.4	88.7	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 30 ≥ 20	69.0	83.1	86.3	87.5	89.4	89.8	90.2	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 10 ≥ 0	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
≥ 5 ≥ 0	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
≥ 2 ≥ 0	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
≥ 1 ≥ 0	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
≥ 0 ≥ 0	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
≥ 0 ≥ 0	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
≥ 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	99.2	99.2	99.3	99.6
≥ 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
≥ 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
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74-47

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	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 2000	47.4	51.1	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
≥ 1800 ≥ 1700	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
≥ 1600 ≥ 1500	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
≥ 1400 ≥ 1300	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
≥ 1200 ≥ 1100	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
≥ 1000 ≥ 900	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
≥ 800 ≥ 700	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
≥ 600 ≥ 500	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
≥ 450 ≥ 400	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
≥ 350 ≥ 300	59.9	64.5	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
≥ 250 ≥ 200	60.3	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
≥ 180 ≥ 150	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
≥ 120 ≥ 100	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
≥ 90 ≥ 80	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
≥ 70 ≥ 60	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
≥ 50 ≥ 40	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
≥ 30 ≥ 20	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
≥ 10 ≥ 0	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
≥ 1000 ≥ 900	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
≥ 800 ≥ 700	73.4	85.5	87.9	89.5	90.1	90.6	91.0	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3
≥ 600 ≥ 500	73.4	86.0	88.4	90.5	91.0	91.5	92.1	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3
≥ 400 ≥ 300	73.4	86.2	89.1	91.3	91.9	92.6	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5
≥ 200 ≥ 100	73.4	86.2	89.2	91.4	92.2	93.3	94.5	94.9	94.9	94.9	94.9	95.3	95.3	95.4	95.4	95.4
≥ 100 ≥ 0	73.4	86.2	89.2	91.5	92.5	93.5	95.0	95.4	95.4	95.4	95.6	96.0	96.0	96.4	96.4	96.4
≥ 50 ≥ 0	73.4	86.3	89.4	91.7	92.6	93.8	95.3	96.2	96.4	96.4	96.8	97.2	97.2	97.6	97.6	97.6
≥ 30 ≥ 0	73.4	86.3	89.4	91.8	92.7	94.0	95.6	96.5	96.6	96.6	97.0	97.4	97.4	98.1	98.1	98.1
≥ 10 ≥ 0	73.4	86.3	89.4	91.8	92.7	94.0	95.7	96.6	96.8	96.8	97.4	97.8	98.0	98.9	98.9	98.9
≥ 0 ≥ 0	73.4	86.3	89.4	91.9	92.9	94.1	95.8	96.8	96.9	96.9	97.7	98.1	98.3	99.2	99.3	99.6
≥ 0 ≥ 0	73.4	86.3	89.4	91.9	92.9	94.1	95.8	96.8	96.9	96.9	97.7	98.1	98.3	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

CEILING VERSUS VISIBILITY

43947

KANSAS CITY INTL MO

74-81

MAC

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

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3347
STATION

KANSAS CITY INTL MU
STATION NAME

74-81
YEARS

MAP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	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
≥ 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
≥ 16000	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	59.9	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	83.7	90.3	91.9	94.0	94.2	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	83.7	90.6	92.3	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
≥ 300	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
≥ 200	83.7	90.6	92.3	95.3	96.6	96.9	97.4	97.6	97.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9
≥ 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	98.8	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	98.8	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1347

KANSAS CITY INTL MO

74-81

YEAR

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	≥2 1/2	≥2	≥ 1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ .	≥ 0
NO CEILING ≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 800	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
≥ 600	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
≥ 400	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
≥ 200	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
≥ 100	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
≥ 50	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
≥ 25	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
≥ 12.5	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
≥ 6.25	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
≥ 3.125	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
≥ 1.5625	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
≥ 0.78125	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
≥ 0.390625	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
≥ 0.1953125	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
≥ 0.09765625	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
≥ 0.048828125	73.9	83.5	85.8	87.5	88.4	88.7	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.5	89.5	89.5
≥ 0.0244140625	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
≥ 0.01220703125	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
≥ 0.006103515625	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
≥ 0.0030517578125	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
≥ 0.00152587890625	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
≥ 0.000762939453125	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
≥ 0.0003814697265625	74.7	85.4	88.5	91.2	92.9	93.7	95.3	96.3	96.4	96.5	97.5	97.8	97.9	98.6	98.6	98.8
≥ 0.00019073486328125	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
≥ 0.000095367431640625	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

3047

KANSAS CITY INTL MO

74-81

APR

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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	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	54.9
≥ 18000 ≥ 17000	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	58.2
≥ 14000 ≥ 12000	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	58.6
≥ 10000 ≥ 9000	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	62.4
≥ 8000 ≥ 7000	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	68.1
≥ 6000 ≥ 5000	70.0	73.2	73.6	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
≥ 4500 ≥ 4000	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	75.6
≥ 3500 ≥ 3000	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	78.9
≥ 2500 ≥ 2000	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	83.6
≥ 1800 ≥ 1500	87.1	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	86.8
≥ 1200 ≥ 1000	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	91.7
≥ 900 ≥ 800	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	94.6
≥ 700 ≥ 600	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	96.0
≥ 500 ≥ 400	86.0	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	97.1
≥ 300 ≥ 200	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	99.4
≥ 100 ≥ 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	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 72

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATM WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1947
STATION

KANSAS CITY INTL MO
STATION NAME

74-81
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-05
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
NO CEILING ≥ 2000	47.9	50.0	50.7	51.1	51.5	51.5	51.7	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9
≥ 1800	51.4	53.8	54.4	54.9	55.3	55.3	55.4	55.4	55.4	55.4	55.7	55.7	55.7	55.7	55.7	55.7
≥ 1600	51.4	53.8	54.4	54.9	55.3	55.3	55.4	55.4	55.4	55.4	55.7	55.7	55.7	55.7	55.7	55.7
≥ 1400	52.1	54.4	55.1	55.6	56.0	56.0	56.1	56.1	56.1	56.1	56.4	56.4	56.4	56.4	56.4	56.4
≥ 1200	53.6	56.0	56.7	57.1	57.5	57.5	57.6	57.6	57.6	57.6	57.9	57.9	57.9	57.9	57.9	57.9
≥ 1000	55.3	58.2	58.9	59.3	59.7	59.7	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1
≥ 800	58.8	61.3	61.9	62.4	62.8	62.8	62.9	62.9	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2
≥ 600	61.3	64.2	64.9	65.3	65.7	65.7	65.8	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1
≥ 500	63.2	66.4	67.1	67.5	67.9	67.9	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3
≥ 450	65.1	68.8	69.4	69.9	70.3	70.3	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7
≥ 400	66.5	70.3	71.0	71.4	71.8	71.8	71.9	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2
≥ 350	68.3	72.1	72.8	73.2	73.6	73.6	73.8	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0
≥ 300	69.7	73.5	74.3	74.7	75.1	75.1	75.3	75.3	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6
≥ 250	71.9	75.8	76.7	77.1	77.5	77.5	77.6	77.6	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9
≥ 200	73.3	77.5	78.6	79.0	79.4	79.4	79.6	79.6	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9
≥ 180	75.8	80.0	81.3	81.7	82.1	82.1	82.2	82.2	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5
≥ 160	77.9	82.4	83.6	84.0	84.4	84.4	84.6	84.6	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9
≥ 140	78.6	83.1	84.3	84.9	85.3	85.3	85.6	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8
≥ 120	79.9	84.7	86.0	86.8	87.2	87.2	87.5	87.5	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8
≥ 100	82.2	87.2	88.5	89.3	89.7	89.7	90.0	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3
≥ 80	83.8	88.9	90.1	91.0	91.4	91.4	91.8	91.8	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1
≥ 60	83.9	89.2	90.8	91.7	92.1	92.1	92.5	92.5	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8
≥ 40	84.2	89.9	91.7	92.5	92.9	92.9	93.3	93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6
≥ 30	84.3	90.7	93.2	94.0	94.4	94.4	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1
≥ 20	84.4	91.0	94.0	94.9	95.3	95.3	95.8	95.8	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3
≥ 10	84.4	91.1	94.3	95.3	95.8	96.1	96.7	96.7	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1
≥ 5	84.4	91.1	94.7	96.1	96.7	96.9	97.5	97.6	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3	84.4	91.1	94.7	96.3	97.2	97.5	98.2	98.3	98.3	98.3	98.8	99.0	99.0	99.0	99.0	99.0
≥ 2	84.4	91.1	94.7	96.3	97.2	97.5	98.2	98.3	98.3	98.3	98.8	99.0	99.0	99.0	99.0	99.0
≥ 1	84.4	91.1	94.7	96.3	97.2	97.5	98.2	98.3	98.3	98.3	98.8	99.2	99.2	99.2	99.2	99.2

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(1)
DEC 81

UNCLASSIFIED

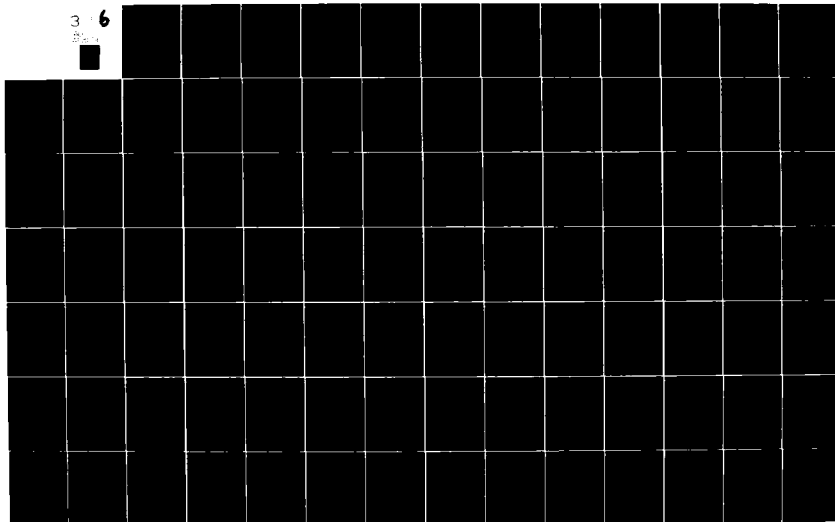
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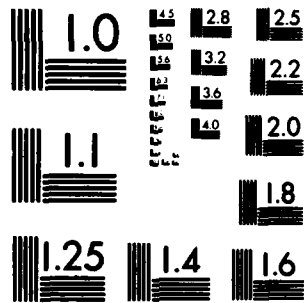
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8-11





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

APD
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	≥ 1/8	≥ 1/16	≥ 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
≥ 6000	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	47.2	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	55.3	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	73.3	73.3	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	71.5	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	82.6	82.6	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 720

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13547
STATION

KANSAS CITY INTL MO
STATION NAME

74-81
YEARS

APP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ 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	46.1	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
≥ 12000	47.5	52.6	53.6	54.4	54.4	54.4	54.4	54.4	54.4	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17547

KANSAS CITY INTL MO

74-81

APR

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	≥1/16	≥0	≥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
≥ 16000	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	55.8	55.8
≥ 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	74.7	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	94.3	94.3	94.3	94.3
≥ 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	95.0	95.0	95.0	95.0
≥ 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	95.8	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	96.7	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	96.8	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	99.7	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	99.9	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	99.9	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	99.9	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	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 722

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
7447

STATION NAME
KANSAS CITY INTL MO

YEARS
74-81

MONTH
APR

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 ≥ 25000	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
≥ 18000 ≥ 16000	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 ≥ 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 ≥ 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 ≥ 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 ≥ 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 ≥ 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 ≥ 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 ≥ 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 ≥ 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 ≥ 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 ≥ 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 ≥ 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 ≥ 400	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
≥ 300 ≥ 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 ≥ 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

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)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 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	99.6	99.6	99.6	99.6
≥ 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	99.6	99.6	99.6	99.6
≥ 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	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 722

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03547

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	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO. REPORTS	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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	59.8	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	61.8
≥ 1200	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
≥ 1000	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
≥ 800	65.4	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
≥ 600	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
≥ 400	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
≥ 200	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
≥ 100	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
≥ 0	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
≥ 1000	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
≥ 800	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
≥ 600	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
≥ 400	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
≥ 200	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
≥ 100	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
≥ 0	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
≥ 800	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
≥ 600	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
≥ 400	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
≥ 200	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
≥ 100	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
≥ 0	87.1	94.7	95.8	97.2	98.2	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 1200	87.1	94.7	96.0	97.4	98.3	98.3	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3
≥ 1000	87.1	94.7	96.0	97.4	98.5	98.5	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 800	87.1	94.7	96.0	97.4	98.5	98.5	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 600	87.1	94.7	96.0	97.4	98.5	98.5	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 400	87.1	94.7	96.0	97.4	98.5	98.5	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 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	99.6	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	99.6	99.6	99.6	99.7	99.7	99.7
≥ 0	87.1	94.7	96.0	97.4	98.5	98.5	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 720

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)

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	≥ ¼	≥ 0
NO CEILING ≥ 20000	47.2	53.3	57.9	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
≥ 18000	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
≥ 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	96.0	96.0	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	96.7	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	98.6	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	99.3	99.4	99.4	99.5	99.5	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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	56.3 61.2	58.7 64.0	59.8 65.1	60.6 65.9	60.8 66.1	60.8 66.0	60.8 66.0	61.0 66.3	61.0 66.3	61.0 66.3	61.0 66.3	61.0 66.3	61.0 66.3	61.0 66.3	61.0 66.3	61.2 66.5
≥ 18000 IN 17000	61.3 61.3	64.1 64.1	65.2 65.2	66.0 66.0	66.1 66.1	66.1 66.1	66.1 66.1	66.4 66.4	66.4 66.4	66.4 66.4	66.4 66.4	66.4 66.4	66.4 66.4	66.4 66.4	66.4 66.4	66.5 66.7
≥ 14000 IN 12000	62.0 62.5	64.8 65.5	65.9 66.7	67.1 67.9	67.2 68.0	67.2 68.0	67.2 68.0	67.5 68.3	67.5 68.3	67.5 68.3	67.5 68.3	67.5 68.3	67.5 68.3	67.5 68.3	67.5 68.3	67.7 68.5
≥ 10000 IN 9000	66.3 67.6	69.4 70.7	70.6 71.9	71.8 73.1	71.9 73.3	71.9 73.3	71.9 73.3	72.2 73.5	72.2 73.5	72.2 73.5	72.2 73.5	72.2 73.5	72.2 73.5	72.2 73.5	72.2 73.5	72.4 73.8
≥ 8000 IN 7000	70.0 71.6	73.4 75.5	75.0 77.2	76.2 78.4	76.3 79.5	76.3 78.5	76.3 78.5	76.6 78.8	76.6 78.8	76.6 78.8	76.6 78.8	76.6 78.8	76.6 78.8	76.6 78.8	76.6 78.8	76.9 79.0
≥ 6000 IN 5000	73.4 73.9	77.4 78.1	79.2 79.8	80.4 81.0	80.5 81.2	80.5 81.2	80.5 81.2	80.8 81.5	80.8 81.5	80.8 81.5	80.8 81.5	80.8 81.5	80.8 81.5	80.8 81.5	80.8 81.5	81.0 81.7
≥ 4500 IN 4000	74.6 76.1	79.0 81.0	80.8 82.9	82.3 84.7	82.4 84.8	82.4 84.8	82.4 84.8	82.7 85.1	82.7 85.1	82.7 85.1	82.7 85.1	82.7 85.1	82.7 85.1	82.7 85.1	82.7 85.1	82.9 85.3
≥ 3500 IN 3000	76.6 78.2	82.0 84.1	83.9 86.0	85.6 87.8	85.8 87.9	85.8 87.9	85.8 87.9	86.0 88.2	86.0 88.2	86.0 88.2	86.0 88.2	86.0 88.2	86.0 88.2	86.0 88.2	86.0 88.2	86.3 88.4
≥ 2500 IN 2000	79.4 80.9	86.0 87.6	88.2 89.9	89.9 91.7	90.2 91.9	90.2 91.9	90.2 91.9	90.5 92.2	90.5 92.2	90.5 92.2	90.5 92.2	90.5 92.2	90.5 92.2	90.5 92.2	90.5 92.2	90.7 92.5
≥ 1800 IN 1500	80.9 81.3	87.8 88.4	90.1 91.0	91.8 92.7	92.1 93.0	92.1 93.0	92.1 93.0	92.3 93.3	92.3 93.3	92.3 93.3	92.3 93.3	92.3 93.3	92.3 93.3	92.3 93.3	92.3 93.3	92.6 93.5
≥ 1200 IN 1000	82.0 82.1	89.2 89.5	91.8 92.2	93.5 94.1	94.0 94.6	94.0 94.6	94.0 94.6	94.2 95.0	94.2 95.0	94.2 95.0	94.2 95.0	94.2 95.0	94.2 95.0	94.2 95.0	94.2 95.0	94.5 95.3
≥ 900 IN 800	82.1 82.1	89.5 89.5	92.2 92.3	94.1 94.5	94.6 95.0	94.6 95.0	94.6 95.0	95.0 95.2	95.0 95.4	95.0 95.4	95.0 95.4	95.0 95.4	95.0 95.4	95.0 95.4	95.0 95.4	95.3 95.7
≥ 700 IN 600	82.1 82.3	89.5 89.8	92.6 92.9	94.9 95.3	95.4 95.8	95.6 96.0	95.7 96.1	96.0 96.4	96.0 96.4	96.0 96.4	96.0 96.4	96.0 96.4	96.0 96.4	96.0 96.4	96.0 96.4	96.2 96.6
≥ 500 IN 400	82.5 82.5	90.3 90.3	93.5 93.8	96.0 96.4	96.5 97.0	96.6 97.4	96.8 97.7	97.0 98.0	97.0 98.0	97.0 98.0	97.0 98.0	97.0 98.0	97.0 98.0	97.0 98.0	97.0 98.0	97.3 98.3
≥ 300 IN 200	82.5 82.5	90.3 90.3	93.8 93.8	96.5 96.6	97.3 97.4	97.7 97.8	98.0 98.3	98.3 98.5	98.3 98.5	98.3 98.7	98.3 98.8	98.3 98.8	98.3 98.8	98.3 98.8	98.3 98.8	98.7 99.2
≥ 100 IN 0	82.5 82.5	90.3 90.3	93.8 93.8	96.6 96.6	97.4 97.4	97.8 97.8	98.3 98.3	98.7 98.7	98.7 98.7	98.9 98.9	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.7 100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7547

KANSAS CITY INTL MO

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3306-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾/16	¾	≥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	64.2	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	66.9	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	70.3	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	71.9	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	75.4	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	77.0	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	78.0	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	79.6	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	80.8	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	82.8	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	84.7	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	86.7	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	88.8	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	90.6	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	91.0	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	91.9	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	92.9	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	93.3	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	93.3	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	94.1	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	94.9	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	95.6	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	96.2	96.5	96.9	97.3
≥ 400	74.2	85.9	89.7	94.1	95.3	95.6	96.6	96.6	96.6	96.8	96.8	97.0	97.0	97.4	97.8	98.3
≥ 300	74.3	86.0	89.8	94.4	95.7	96.0	97.0	97.0	97.2	97.2	97.4	97.4	97.4	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	97.8	98.3	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	97.8	98.4	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	97.8	98.4	98.9	99.3

TOTAL NUMBER OF OBSERVATIONS 744

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)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	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
IV ≥ 18000	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
IV ≥ 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
IV ≥ 14000	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
IV ≥ 12000	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
IV ≥ 10000	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
IV ≥ 9000	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
IV ≥ 8000	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
IV ≥ 7000	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
IV ≥ 6000	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
IV ≥ 5000	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
IV ≥ 4500	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
IV ≥ 4000	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
IV ≥ 3500	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
IV ≥ 3000	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
IV ≥ 2500	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
IV ≥ 2000	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
IV ≥ 1800	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
IV ≥ 1500	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
IV ≥ 1200	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
IV ≥ 1000	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
IV ≥ 900	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
IV ≥ 800	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
IV ≥ 700	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
IV ≥ 600	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
IV ≥ 500	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
IV ≥ 400	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
IV ≥ 300	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
IV ≥ 200	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	97.7	98.0
IV ≥ 100	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	98.5	98.9
IV ≥ 0	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	98.7	99.1
IV ≥ 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	98.8	99.2

TOTAL NUMBER OF OBSERVATIONS 744

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	¾	¾	¾	≥5/16	≥¼
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
≥2000	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
≥1800	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
≥1600	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
≥1400	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
≥1200	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
≥1000	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
≥900	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
≥800	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
≥700	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
≥1600	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	95.0	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	96.5	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	100.0	100.0	100.0	100.0	100.0	100.0
≥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
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73-47
STATION

KANSAS CITY INTL MD
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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	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
≥ 18000 ≥ 17000	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
≥ 14000 ≥ 12000	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
≥ 10000 ≥ 9500	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
≥ 8000 ≥ 7500	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
≥ 6000 ≥ 5000	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
≥ 4500 ≥ 4000	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
≥ 3500 ≥ 3000	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
≥ 2500 ≥ 2000	53.5	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
≥ 1800 ≥ 1500	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
≥ 1200 ≥ 1000	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
≥ 900 ≥ 800	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
≥ 700 ≥ 600	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
≥ 500 ≥ 400	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
≥ 300 ≥ 200	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
≥ 100 ≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	73.7	90.1	93.0	95.0	96.1	96.8	96.8	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 0	73.7	90.1	93.0	95.3	96.9	97.7	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 0	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
≥ 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
≥ 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
≥ 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
AFH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-47

KANSAS CITY INTL MO

74-81

MAY

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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	47.4 52.4	52.2 57.4	52.8 58.1	53.4 58.6	53.4 58.6	53.4 58.6	53.4 58.6	53.4 58.6	53.4 58.6	53.4 58.6	53.4 58.6	53.4 58.6	53.4 58.6	53.4 58.6	53.4 58.6	53.4 58.6
≥ 18000 ≥ 15000	52.6 52.6	57.5 57.5	58.2 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 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 ≥ 12000	53.4 54.6	58.9 59.9	59.5 60.6	60.1 61.2	60.1 61.2	60.1 61.2	60.1 61.2	60.1 61.2	60.1 61.2	60.1 61.2	60.1 61.2	60.1 61.2	60.1 61.2	60.1 61.2	60.1 61.2	60.1 61.2
≥ 10000 ≥ 9000	57.3 57.9	63.8 64.8	64.7 65.6	65.2 66.1	65.2 66.1	65.2 66.1	65.2 66.1	65.2 66.1	65.2 66.1	65.2 66.1	65.2 66.1	65.2 66.1	65.2 66.1	65.2 66.1	65.2 66.1	65.2 66.1
≥ 8000 ≥ 7000	59.7 60.3	66.7 68.0	67.6 69.0	68.1 69.5	68.1 69.6	68.1 69.6	68.1 69.6	68.1 69.6	68.1 69.6	68.1 69.6	68.1 69.6	68.1 69.6	68.1 69.6	68.1 69.6	68.1 69.6	68.1 69.6
≥ 6000 ≥ 5000	61.4 63.6	69.5 72.2	70.4 73.3	71.1 74.2	71.2 74.3	71.2 74.3	71.2 74.3	71.2 74.3	71.2 74.3	71.2 74.3	71.2 74.3	71.2 74.3	71.2 74.3	71.2 74.3	71.2 74.3	71.2 74.3
≥ 4500 ≥ 4000	65.7 67.6	75.4 78.1	76.5 79.3	77.4 80.4	77.6 80.5	77.6 80.5	77.6 80.5	77.6 80.5	77.6 80.5	77.6 80.5	77.6 80.5	77.6 80.5	77.6 80.5	77.6 80.5	77.6 80.5	77.6 80.5
≥ 3500 ≥ 3000	70.2 72.8	81.2 85.3	82.4 86.8	83.5 87.9	83.6 88.0	83.6 88.0	83.6 88.0	83.6 88.0	83.6 88.0	83.6 88.0	83.6 88.0	83.6 88.0	83.6 88.0	83.6 88.0	83.6 88.0	83.6 88.0
≥ 2500 ≥ 2000	74.6 75.3	87.8 89.2	89.5 91.0	90.7 92.2	90.9 92.3	90.9 92.5	90.9 92.6	90.9 92.7	90.9 92.7	90.9 92.7	90.9 92.7	90.9 92.7	90.9 92.7	90.9 92.7	90.9 92.7	90.9 92.7
≥ 1800 ≥ 1500	75.4 75.7	89.5 89.8	91.3 91.5	92.6 93.1	92.7 93.3	92.9 93.5	93.1 93.8	93.3 94.0	93.3 94.0	93.3 94.0	93.3 94.0	93.3 94.0	93.3 94.0	93.3 94.0	93.3 94.0	93.3 94.0
≥ 1200 ≥ 1000	75.8 75.8	90.1 90.2	92.1 92.3	93.7 94.2	94.0 94.5	94.4 95.2	94.6 95.4	94.8 95.6	94.8 95.6	94.8 95.6	94.8 95.6	94.8 95.6	94.8 95.6	94.8 95.6	94.8 95.6	94.8 95.6
≥ 900 ≥ 800	75.8 75.8	90.2 90.3	92.3 92.5	94.4 94.6	94.9 95.2	95.7 96.0	96.0 96.6	96.1 96.8	96.1 96.8	96.1 96.8	96.1 96.8	96.1 96.8	96.1 96.8	96.1 96.8	96.1 96.8	96.1 96.8
≥ 700 ≥ 600	75.8 75.8	90.5 90.5	92.6 92.6	95.0 95.3	95.8 96.4	96.8 97.3	97.6 98.3	97.7 98.4	97.7 98.4	97.7 98.4	97.7 98.4	97.7 98.4	97.7 98.4	97.7 98.4	97.7 98.4	97.7 98.4
≥ 500 ≥ 400	75.8 75.8	90.6 90.9	92.7 93.1	95.6 96.0	96.8 97.3	97.7 98.3	98.7 99.2	98.8 99.3	98.8 99.3	98.8 99.3	98.8 99.3	98.8 99.3	98.8 99.3	98.8 99.3	98.8 99.3	98.8 99.3
≥ 300 ≥ 200	75.8 75.8	90.9 90.9	93.1 93.1	96.0 96.0	97.3 97.3	98.3 98.3	99.2 99.2	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6
≥ 100 ≥ 0	75.8 75.8	90.9 90.9	93.1 93.1	96.0 96.0	97.3 97.3	98.3 98.3	99.2 99.2	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6

TOTAL NUMBER OF OBSERVATIONS 744

JLCLAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7447

KANSAS CITY INTL MO

74-81

MAY

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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 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	56.8	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
≥ 16000	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	81.1	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	98.9	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
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03447

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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING ≥ 20000	57.5	63.5	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
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 10000	64.2	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
≥ 8000	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
≥ 6000	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
≥ 4000	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
≥ 3000	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
≥ 2000	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
≥ 1500	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
≥ 1000	79.8	84.5	85.6	86.4	86.4	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.8	86.8	86.9
≥ 800	81.2	86.2	87.4	88.3	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.7	88.8	88.8
≥ 600	82.3	87.7	88.9	89.7	89.7	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.1	90.3	90.3
≥ 400	83.3	89.1	90.3	91.1	91.1	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.5	91.5	91.6
≥ 300	85.3	91.1	92.3	93.4	93.4	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.8	93.9	93.9
≥ 200	85.7	91.5	92.7	93.8	93.8	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.3	94.3	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	94.2	94.5	94.5	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	95.1	95.4	95.4	95.5
≥ 1200	86.2	92.4	94.2	95.3	95.3	95.4	95.5	95.5	95.5	95.7	95.7	95.8	95.8	96.1	96.1	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	96.6	96.9	96.9	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	96.8	97.0	97.0	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	96.8	96.8	97.0	97.0	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	97.3	97.6	97.6	97.7
≥ 600	86.8	93.9	95.8	97.3	97.3	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	98.1	98.1	98.2
≥ 500	86.8	93.9	95.8	97.6	97.6	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.5	98.5	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	98.7	98.9	98.9	99.1
≥ 300	86.8	93.9	95.8	97.6	97.7	98.0	98.5	98.8	98.8	98.9	99.1	99.1	99.1	99.3	99.3	99.5
≥ 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	99.1	99.5	99.5	99.7
≥ 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	99.1	99.5	99.5	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	99.1	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5947

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	≥ 1/16	≥ 1/8	≥ 1/16
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	55.0	55.2
≥ 2000	52.5	58.4	59.8	60.8	61.0	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.5
≥ 1800	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
≥ 1600	52.8	58.7	60.1	61.1	61.3	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.8
≥ 1400	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
≥ 1200	54.6	61.1	62.6	63.8	64.0	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.5	64.6
≥ 1000	57.5	64.6	66.3	67.6	67.8	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.3
≥ 900	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
≥ 800	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	72.8
≥ 700	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
≥ 600	63.6	72.0	74.0	75.6	75.9	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.5	76.6
≥ 500	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	82.0	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	84.0	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	86.7	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	90.6	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	91.2	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	92.3	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	93.7	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	94.6	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	95.0	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	95.5	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	96.2	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	96.9	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	97.7	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	98.4	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	98.8	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	≥2 1/2	≥2	≥1 1/2	≥1	≥3/4	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
NO CEILING	63.9	71.0	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	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	73.9	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	65.6	72.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	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	74.0	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	75.0	75.1	75.1	75.1	75.1	75.1	75.1
≥ 12000	68.2	76.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	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	82.1	82.2	82.2	82.2	82.2	82.2	82.2
≥ 9500	73.5	81.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	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	85.3	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	86.0	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	86.8	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	88.1	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	89.6	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	91.0	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	91.7	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	92.9	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	93.6	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	95.0	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	95.1	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	95.6	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	96.7	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	97.4	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	97.6	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	97.8	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	98.6	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	98.9	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	99.0	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	99.4	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	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	85.4	96.7	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	85.4	96.7	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	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	99.4	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 722

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
7347

STATION NAME
KANSAS CITY INTL MO

YEARS
73-80

MONTH
JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO RECORD	55.3	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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	59.3	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
≥ 1200	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
≥ 1000	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
≥ 800	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
≥ 600	69.2	78.8	81.9	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
≥ 400	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
≥ 200	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
≥ 100	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
≥ 50	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
≥ 25	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
≥ 10	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
≥ 5	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
≥ 2	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
≥ 1	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
≥ ½	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
≥ ¼	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
≥ 1/16	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	79.4	92.4	96.3	97.4	98.1	98.3	98.8	98.8	98.8	99.0	99.2	99.2	99.2	99.4	99.4	99.4
≥ 0	79.6	92.5	96.4	97.5	98.2	98.5	99.0	99.0	99.0	99.3	99.4	99.4	99.4	99.7	99.7	99.7
≥ 0	79.6	92.5	96.5	97.6	98.3	98.6	99.2	99.2	99.2	99.4	99.6	99.6	99.6	100.0	100.0	100.0
≥ 0	79.6	92.5	96.5	97.6	98.3	98.6	99.2	99.2	99.2	99.4	99.6	99.6	99.6	100.0	100.0	100.0
≥ 0	79.6	92.5	96.5	97.6	98.3	98.6	99.2	99.2	99.2	99.4	99.6	99.6	99.6	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)

1600-2800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	46.7	57.4	59.0	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
≥ 16000	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	51.7	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	80.6	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	62.6	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	63.3	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	98.6	98.9	98.9	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	98.8	99.3	99.3	99.6
≥ 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	98.8	99.3	99.3	99.7
≥ 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	98.8	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 722

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7347

KANSAS CITY INTL MO

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING ≥ 20000	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
≥ 18000	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
≥ 16000	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	78.8	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	98.3
≥ 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	99.9	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	99.9	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	99.9	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	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3347

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	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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

73-87

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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 27000	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
≥ 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
≥ 15000	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
≥ 12000	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	82.5	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
AIF 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)

1900-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ ⅓	≥ ¼	≥ 0
NO CEILING	54.3	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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	75.3	85.1	85.9	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
≥ 600	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
≥ 500	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
≥ 450	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
≥ 400	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
≥ 350	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
≥ 300	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
≥ 250	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
≥ 200	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	98.6
≥ 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

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)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	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
≥ 18000	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
≥ 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	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
≥ 12000	72.4	77.4	77.6	77.9	78.3	79.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.2
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	83.6	91.3	91.7	92.1	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3000	84.3	92.2	92.6	93.1	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	85.1	93.1	93.5	93.9	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	85.9	93.8	94.2	94.6	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	86.5	94.6	95.1	95.8	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1600	86.8	95.0	95.6	96.4	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 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	97.6	97.6	97.6	97.6
≥ 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	97.6	97.6	97.6	97.6
≥ 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	97.9	97.9	97.9	97.9
≥ 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	97.9	97.9	97.9	97.9
≥ 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	98.2	98.2	98.2	98.2
≥ 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	98.6	98.6	98.6	98.6
≥ 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	98.9	98.9	98.9	98.9
≥ 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	99.6	99.6	99.6	99.6
≥ 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	99.9	99.9	99.9	99.9
≥ 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	99.9	99.9	99.9	99.9
≥ 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	99.9	99.9	99.9	99.9
≥ 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	99.9	99.9	99.9	99.9
≥ 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	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7047

KANSAS CITY INTL MO

73-80

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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	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
≥ 18000 ≥ 17000	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
≥ 16000 ≥ 15000	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
≥ 14000 ≥ 13000	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
≥ 12000 ≥ 11000	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
≥ 10000 ≥ 9000	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
≥ 8000 ≥ 7000	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
≥ 6000 ≥ 5000	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
≥ 4500 ≥ 4000	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
≥ 3500 ≥ 3000	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
≥ 2500 ≥ 2000	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
≥ 1800 ≥ 1500	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
≥ 1200 ≥ 1000	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
≥ 900 ≥ 800	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
≥ 700 ≥ 600	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
≥ 500 ≥ 400	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
≥ 300 ≥ 200	76.0	89.1	90.7	91.4	92.1	92.4	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1
≥ 100 ≥ 0	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
≥ 100 ≥ 0	77.4	91.1	92.9	93.8	94.5	94.9	95.3	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6
≥ 100 ≥ 0	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
≥ 100 ≥ 0	78.2	92.5	94.4	95.3	96.2	96.5	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3
≥ 100 ≥ 0	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	97.8
≥ 100 ≥ 0	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
≥ 100 ≥ 0	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
≥ 100 ≥ 0	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	98.8	98.8
≥ 100 ≥ 0	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
≥ 100 ≥ 0	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
≥ 100 ≥ 0	79.1	93.9	96.1	97.4	98.3	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 100 ≥ 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	99.7	99.9	99.9	99.9
≥ 100 ≥ 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	99.7	99.9	99.9	100.0
≥ 100 ≥ 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	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5760

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7447

KANSAS CITY INTL MO

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0	≥ 0
NO RECORD	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
≥ 2000	73.7	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
≥ 1800	73.7	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
≥ 1600	73.7	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
≥ 1400	74.1	78.2	79.9	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
≥ 1200	77.2	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 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	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	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
≥ 0	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

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3447

KANSAS CITY INTL MO

75-87

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
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
≥ 16000	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
≥ 1600	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
≥ 1400	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	96.5	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	96.9	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.8	98.3
≥ 800	82.5	89.9	92.3	95.4	96.9	96.9	97.0	97.4	97.6	97.6	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	98.8	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	98.9	99.3	99.3	99.5
≥ 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	98.9	99.3	99.3	99.5

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7547

KANSAS CITY INTL MO

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-0900
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO RECORD	53.1	62.0	63.3	66.4	67.9	68.5	69.4	69.4	69.4	69.5	69.5	69.5	69.5	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	74.0	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3
≥ 16000	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	99.9
≥ 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	99.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7447

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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/8	≥ 1/16	≥ 1/32
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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	65.7	81.3	82.4	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 450	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
≥ 400	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
≥ 350	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
≥ 300	67.6	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
≥ 250	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
≥ 200	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
≥ 180	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
≥ 150	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
≥ 120	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
≥ 100	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
≥ 90	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
≥ 80	70.4	90.7	93.0	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
≥ 70	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
≥ 60	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
≥ 50	70.6	90.9	93.3	95.3	98.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 40	70.6	90.9	93.3	95.3	98.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 30	70.6	90.9	93.3	95.3	98.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 20	70.6	90.9	93.3	95.3	98.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 10	70.6	90.9	93.3	95.3	98.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 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	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13547
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	≥ 1/8	≥ 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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	69.0	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
≥ 600	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
≥ 500	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
≥ 450	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
≥ 400	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
≥ 350	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
≥ 300	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
≥ 250	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
≥ 200	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
≥ 180	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
≥ 150	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
≥ 120	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
≥ 100	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
≥ 90	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
≥ 80	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
≥ 70	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
≥ 60	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
≥ 50	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
≥ 40	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
≥ 30	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
≥ 20	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
≥ 10	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
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7047

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	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 450	76.9	89.0	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
≥ 400	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
≥ 350	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
≥ 300	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
≥ 250	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
≥ 200	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
≥ 180	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
≥ 150	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
≥ 120	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
≥ 100	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
≥ 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

TOTAL NUMBER OF OBSERVATIONS 744

CEILING VERSUS VISIBILITY

JUL

MONTH

1830-2002
HOURS (L.S.Y.)

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1347

KANSAS CITY INTL MO

73-80

JUL

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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	73.6	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	83.1	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	83.1	83.2	83.2	83.2	83.2	83.2	83.2
≥ 16000	74.7	80.9	81.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	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	83.7	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	85.9	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	90.3	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	90.9	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	91.4	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	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 6000	81.9	89.9	91.7	92.1	92.6	92.6	92.6	92.6	92.6	92.6	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	93.4	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	94.2	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	95.2	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	95.7	95.8	95.8	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	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2500	84.5	93.7	94.6	96.1	96.8	96.8	96.8	96.8	96.9	96.9	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	97.3	97.4	97.4	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	97.8	98.0	98.0	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	98.1	98.1	98.4	98.4	98.5	98.5	98.5	98.7	98.7	98.7
≥ 1200	85.3	95.0	96.2	97.7	98.4	98.4	98.4	98.4	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9
≥ 1000	85.3	95.0	96.2	97.8	98.5	98.5	98.5	98.5	98.7	98.8	98.8	98.9	98.9	99.1	99.1	99.1
≥ 900	85.3	95.0	96.2	97.8	98.5	98.5	98.5	98.5	98.7	98.8	98.8	98.9	98.9	99.1	99.1	99.1
≥ 800	85.6	95.3	96.6	98.4	99.1	99.1	99.1	99.2	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6
≥ 700	85.8	95.4	96.9	98.7	99.3	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 600	85.8	95.4	96.9	98.7	99.3	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 500	85.8	95.4	96.9	98.7	99.3	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 400	85.8	95.4	96.9	98.7	99.3	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 300	85.8	95.4	96.9	98.7	99.3	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 200	85.8	95.4	96.9	98.7	99.3	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 100	85.8	95.4	96.9	98.7	99.3	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 0	85.8	95.4	96.9	98.7	99.3	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1947

KANSAS CITY INTL MO

73-80

JUL

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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	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
≥ 18000 ≥ 6000	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
≥ 16000 ≥ 5000	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 ≥ 4000	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	78.7	78.8
≥ 12000 ≥ 3000	69.7	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 ≥ 2000	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
≥ 8000 ≥ 1000	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
≥ 6000 ≥ 500	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
≥ 4000 ≥ 300	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
≥ 3000 ≥ 200	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
≥ 2000 ≥ 100	75.9	85.9	87.5	89.5	90.5	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1
≥ 1800 ≥ 800	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	91.6	91.7
≥ 1600 ≥ 600	77.1	87.5	89.1	91.2	92.4	92.5	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0
≥ 1400 ≥ 400	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
≥ 1200 ≥ 300	77.9	88.6	90.3	92.5	93.6	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3
≥ 1000 ≥ 200	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
≥ 800 ≥ 100	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
≥ 600 ≥ 80	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
≥ 400 ≥ 60	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
≥ 300 ≥ 40	79.6	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
≥ 200 ≥ 30	79.6	92.0	94.0	96.3	97.6	97.9	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5
≥ 100 ≥ 20	79.6	92.0	94.1	96.5	97.7	98.1	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7
≥ 80 ≥ 10	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
≥ 60 ≥ 8	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
≥ 40 ≥ 6	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
≥ 30 ≥ 4	79.7	92.2	94.4	97.0	98.4	98.7	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 20 ≥ 3	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	99.5	99.6
≥ 10 ≥ 2	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
≥ 8 ≥ 1	79.8	92.3	94.5	97.1	98.6	99.0	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0
≥ 6 ≥ 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
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13547

KANSAS CITY INTL MO

73-80

ALL

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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	84.8	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
≥ 450	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
≥ 400	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
≥ 350	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
≥ 300	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
≥ 250	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
≥ 200	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
≥ 180	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
≥ 150	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
≥ 120	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
≥ 100	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
≥ 90	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
≥ 80	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
≥ 70	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
≥ 60	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
≥ 50	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
≥ 40	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
≥ 30	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
≥ 20	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
≥ 10	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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7547

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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	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
≥ 18000 ≥ 16000	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
≥ 14000 ≥ 12000	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
≥ 10000 ≥ 9000	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
≥ 8000 ≥ 7000	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
≥ 6000 ≥ 5000	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
≥ 4500 ≥ 4000	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
≥ 3500 ≥ 3000	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
≥ 2500 ≥ 2000	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
≥ 1800 ≥ 1500	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
≥ 1200 ≥ 1000	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
≥ 900 ≥ 800	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
≥ 700 ≥ 600	78.0	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
≥ 500 ≥ 400	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
≥ 300 ≥ 200	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
≥ 100 0	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 ≥ 1500	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
≥ 1200 ≥ 1000	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
≥ 900 ≥ 800	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
≥ 700 ≥ 600	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
≥ 500 ≥ 400	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
≥ 300 ≥ 200	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
≥ 100 0	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
≥ 1800 ≥ 1500	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
≥ 1200 ≥ 1000	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
≥ 900 ≥ 800	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
≥ 700 ≥ 600	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
≥ 500 ≥ 400	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

7347 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	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 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	61.7	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	65.7	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	65.7	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	65.7	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	52.3	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	95.8
≥ 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	55.0	77.3	84.3	89.9	92.7	94.5	96.5	97.7	97.7	98.7	98.7	98.7	99.3	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

0347

KANSAS CITY INTL MO

73-80

403

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1927-1100
HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
NO CEILING	43.8	58.2	61.8	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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	54.3	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
≥ 600	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
≥ 500	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
≥ 450	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
≥ 400	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
≥ 350	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
≥ 300	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
≥ 250	58.6	78.3	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
≥ 200	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATL WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3447

KANSAS CITY INTL MO

73-80

400

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1700-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.5	≥ 1	≥ 1.5	≥ 2	≥ 2.5	≥ 3	≥ 3.5	≥ 4	≥ 4.5	≥ 5	≥ 5.5	≥ 6	≥ 6.5	≥ 7	≥ 7.5
NO RECORD	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
≥ 27000	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
≥ 15000	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
≥ 14000	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
≥ 12000	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
≥ 11000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	66.8	84.3	88.7	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
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 1000	71.8	91.1	95.6	97.0	97.8	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	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
≥ 300	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
≥ 200	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
≥ 100	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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATMOSPHERIC 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NO OBSERVATIONS	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
≥ 16000	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	72.0	73.0	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
≥ 12000	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	82.9	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	83.7	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	73.3	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	99.9	99.9	99.9	99.9
≥ 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	99.9	99.9	99.9	99.9
≥ 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	99.9	99.9	99.9	99.9
≥ 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	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12047
STATION

KANSAS CITY INTL MO
STATION NAME

73-80
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
NO RECORD	62.6	71.3	71.3	70.0	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 2000	69.6	78.8	79.3	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
≥ 1800	69.9	79.3	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 800	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
≥ 700	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
≥ 600	79.2	91.2	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
≥ 500	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
≥ 450	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
≥ 400	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
≥ 350	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
≥ 300	82.1	94.2	94.9	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 250	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
≥ 200	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
≥ 180	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
≥ 150	82.7	95.3	96.4	97.4	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 120	82.7	95.6	96.6	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 100	82.8	95.7	96.8	97.8	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 90	82.8	95.8	96.9	98.0	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 80	82.8	95.8	96.9	98.0	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 70	82.8	95.8	96.9	98.0	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 60	82.9	96.0	97.2	98.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 50	82.9	96.0	97.2	98.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 40	82.9	96.0	97.2	98.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 30	82.9	96.0	97.2	98.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 20	82.9	96.0	97.2	98.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 10	82.9	96.0	97.2	98.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	82.9	96.0	97.2	98.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 744

CEILING VERSUS VISIBILITY

7. 47

KANSAS CITY INTL MC

73-80

AUC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

[illegible]

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3047

KANSAS CITY INTL MO

73-80

AUG

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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	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
≥ 18000 ≥ 15000	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
≥ 14000 ≥ 12000	59.2	69.2	71.2	72.4	72.8	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4
≥ 10000 ≥ 8000	59.3	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
≥ 6000 ≥ 4000	61.3	72.3	74.5	75.7	76.1	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7
≥ 3000 ≥ 2000	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
≥ 1800 ≥ 1500	66.5	78.1	80.3	81.8	82.1	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8
≥ 1200 ≥ 1000	67.8	79.6	81.9	83.4	83.8	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5
≥ 800 ≥ 600	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	86.9
≥ 400 ≥ 300	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
≥ 200 ≥ 100	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
≥ 80 ≥ 60	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
≥ 40 ≥ 30	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
≥ 20 ≥ 10	73.1	86.8	89.5	91.3	91.7	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5
≥ 8 ≥ 6	73.8	87.7	90.5	92.4	92.9	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7
≥ 4 ≥ 3	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
≥ 2 ≥ 1	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
≥ 1 ≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	75.8	90.7	93.7	95.9	96.8	97.3	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2
≥ 0	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
≥ 0	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
≥ 0	75.9	91.0	94.2	96.5	97.6	98.1	98.8	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 0	75.9	91.1	94.2	96.6	97.7	98.2	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 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	99.7	99.8	99.8	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	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5952

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
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)

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

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	61.4	66.3	67.1	68.2	68.6	69.6	68.8	69.0	69.0	69.2	69.3	69.3	69.4	69.4	69.4	69.7
≥ 2000	64.3	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 450	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
≥ 400	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
≥ 350	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
≥ 300	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
≥ 250	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
≥ 200	78.8	86.4	89.3	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
≥ 180	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
≥ 150	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
≥ 120	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
≥ 100	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
≥ 90	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
≥ 80	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
≥ 70	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
≥ 60	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
≥ 50	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
≥ 40	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
≥ 30	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
≥ 20	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
≥ 10	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

17547

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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	59.2	63.8	64.7	65.1	65.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.3	66.3	66.4
≥ 2000	60.6	65.3	65.6	66.7	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.8	67.8	67.9
≥ 1800	60.6	65.3	65.6	66.7	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.8	67.8	67.9
≥ 1600	60.6	65.3	65.6	66.7	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.8	67.8	67.9
≥ 1400	61.4	66.3	66.5	67.6	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.8	68.8	68.9
≥ 1200	62.5	67.4	67.6	68.8	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.9	69.9	70.1
≥ 1000	64.7	69.6	69.9	71.0	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.1	72.1	72.2
≥ 900	65.9	71.3	71.5	72.8	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.9	73.9	74.2
≥ 800	67.9	73.5	73.8	75.0	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.1	76.1	76.3
≥ 700	68.3	73.9	74.2	75.4	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.8
≥ 600	69.2	74.7	75.0	76.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4	77.4	77.6
≥ 500	70.1	75.7	76.1	77.4	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.5	78.5	78.8
≥ 4500	71.1	76.8	77.2	78.5	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.7	79.7	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	80.4	80.7	80.7	81.0
≥ 3500	72.4	78.3	78.8	80.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.4	81.4	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	83.3	83.6	83.6	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	84.9	85.1	85.1	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	86.3	86.5	86.5	86.8
≥ 800	75.3	82.8	83.9	85.6	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.9	86.9	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	87.8	88.2	88.2	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	88.5	88.9	88.9	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	90.0	90.4	90.4	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	90.4	90.8	90.8	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	91.4	91.8	91.8	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	92.2	92.6	92.6	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	93.2	93.6	93.6	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	94.7	95.1	95.1	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	95.7	96.3	96.3	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	96.9	97.5	97.5	97.8
≥ 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	97.4	98.3	98.3	98.8
≥ 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	97.5	98.5	98.5	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	97.5	98.6	98.6	99.2

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
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)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 450	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
≥ 400	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
≥ 350	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
≥ 300	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
≥ 250	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
≥ 200	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
≥ 180	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
≥ 150	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	84.5
≥ 120	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
≥ 100	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
≥ 90	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
≥ 80	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
≥ 70	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
≥ 60	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
≥ 50	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
≥ 40	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
≥ 30	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
≥ 20	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
≥ 10	58.0	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
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1947

KANSAS CITY INTL MO

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0930-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 450	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
≥ 400	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
≥ 350	53.6	69.4	72.2	74.6	76.1	76.3	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.2
≥ 300	54.2	70.4	73.2	75.6	77.2	77.4	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.3
≥ 250	55.1	71.9	75.0	77.4	79.0	79.2	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.3
≥ 200	56.1	74.0	77.1	79.4	81.1	81.3	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.5
≥ 180	56.7	74.9	78.1	80.6	82.1	82.4	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.6
≥ 150	57.8	76.3	79.6	82.2	84.2	84.3	85.3	85.3	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.7
≥ 120	59.1	78.5	82.2	84.9	86.8	86.9	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.5
≥ 100	59.6	79.3	83.9	86.7	88.6	88.8	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.3
≥ 90	59.6	79.7	84.6	87.4	89.3	89.4	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	91.0
≥ 80	59.7	80.0	85.4	88.6	91.1	91.3	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.8
≥ 70	59.7	80.1	85.7	89.4	92.1	92.2	93.3	93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.8
≥ 60	60.1	81.3	86.8	90.7	93.3	93.5	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.3
≥ 50	60.3	81.5	87.2	91.4	94.0	94.2	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	96.0
≥ 40	60.4	81.9	87.8	92.4	95.0	95.4	96.9	97.2	97.2	97.2	97.9	97.9	97.9	98.1	98.1	98.2
≥ 30	60.4	81.9	87.8	92.4	95.0	95.4	97.2	97.6	97.6	97.6	98.5	98.6	98.6	98.9	98.9	99.2
≥ 20	60.4	81.9	87.8	92.4	95.0	95.4	97.2	97.8	97.8	97.8	98.6	98.8	98.8	99.2	99.2	99.6
≥ 10	60.4	81.9	87.8	92.4	95.0	95.4	97.2	97.8	97.8	97.8	98.8	98.9	98.9	99.3	99.3	99.9
≥ 0	60.4	81.9	87.8	92.4	95.0	95.4	97.2	97.8	97.8	97.8	98.8	98.9	98.9	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73-47

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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO RECORD ≥ 20000	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
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	64.9	77.8	80.3	80.3	80.7	80.7	80.7	80.7	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	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
≥ 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
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7447
STATION

KANSAS CITY INTL MO
STATION NAME

73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
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	63.6	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
≥ 16000	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	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 1000	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
≥ 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	95.6	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	78.9	94.4	96.0	97.9	98.5	98.6	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	78.9	94.4	96.0	97.9	98.5	98.6	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	78.9	94.4	96.0	97.9	98.5	98.6	99.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	78.9	94.4	96.0	97.9	98.5	98.6	99.2	99.4	99.4	99.4	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	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1347

KANSAS CITY INTL MO

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1850-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 3/16	≥ 1/4	≥ 0
NO RECORD	57.1	62.4	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3
≥ 2000	62.2	67.8	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8
≥ 1800	62.4	67.9	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
≥ 1600	62.4	67.9	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
≥ 1400	62.9	68.8	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1200	65.0	71.3	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2
≥ 1000	68.9	75.4	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4
≥ 900	70.0	76.7	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6
≥ 800	71.1	78.6	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0
≥ 700	72.1	79.9	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3
≥ 600	72.6	80.4	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8
≥ 500	73.5	81.4	82.9	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6
≥ 450	75.4	83.3	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6
≥ 400	76.1	84.2	86.0	86.5	86.5	86.5	86.5	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8
≥ 350	77.5	86.4	88.2	88.8	88.8	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 300	78.2	87.4	89.3	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 250	79.2	88.6	90.6	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 200	80.1	89.9	91.9	92.6	92.6	92.6	92.8	92.8	92.8	92.8	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	95.6	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	96.7	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	97.8	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	97.9	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	98.3	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	98.3	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	98.3	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	82.4	93.9	96.4	97.8	98.1	98.2	98.5	98.6	98.6	98.6	99.0	99.2	99.2	99.3	99.3	99.3
≥ 300	82.5	94.0	96.5	97.9	98.2	98.3	98.6	98.9	98.9	98.9	99.3	99.4	99.4	99.6	99.6	99.6
≥ 200	82.5	94.0	96.5	97.9	98.2	98.3	98.6	98.9	98.9	98.9	99.3	99.4	99.4	99.9	100.0	100.0
≥ 100	82.5	94.0	96.5	97.9	98.2	98.3	98.6	98.9	98.9	98.9	99.3	99.4	99.4	99.9	100.0	100.0
≥ 0	82.5	94.0	96.5	97.9	98.2	98.3	98.6	98.9	98.9	98.9	99.3	99.4	99.4	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03547
STATION

KANSAS CITY INTL MO
STATION NAME

73-80
YEAR

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO. CEILING ≥ 20000	63.6	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.4
≥ 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	72.8	72.9	72.9	73.1
≥ 16000	66.7	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	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	73.6	73.8	73.8	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	75.4	75.6	75.6	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	78.2	78.3	78.3	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	78.9	79.0	79.0	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	79.7	79.9	79.9	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	81.0	81.1	81.1	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	82.6	82.8	82.8	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	84.6	84.7	84.7	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	86.7	86.8	86.8	86.9
≥ 4000	79.0	87.1	88.3	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
≥ 3500	79.4	87.8	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	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	90.1	90.3	90.3	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	91.3	91.4	91.4	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	92.8	92.9	92.9	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	93.2	93.3	93.3	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	94.4	94.6	94.6	94.7
≥ 1200	84.7	94.0	95.6	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.3	96.3	96.4
≥ 1000	84.7	94.2	95.7	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.7
≥ 900	84.7	94.2	95.7	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.7
≥ 800	84.9	94.3	95.8	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	97.1	97.1	97.2
≥ 700	85.0	94.4	96.0	96.8	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.8	97.8	97.9
≥ 600	85.0	94.4	96.0	96.8	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.8	97.8	97.9
≥ 500	85.0	94.4	96.0	96.8	97.5	97.5	97.6	97.6	97.6	97.6	97.9	97.9	97.9	98.1	98.1	98.3
≥ 400	85.0	94.4	96.0	96.8	97.5	97.5	97.6	97.6	97.6	97.6	98.1	98.1	98.1	98.2	98.2	98.3
≥ 300	85.0	94.4	96.0	96.8	97.5	97.5	97.6	97.6	97.6	97.6	98.3	98.3	98.3	98.5	98.5	98.9
≥ 200	85.0	94.4	96.0	96.8	97.5	97.5	97.6	97.6	97.6	97.6	98.3	98.3	98.3	98.5	98.5	98.9
≥ 100	85.0	94.4	96.0	96.8	97.5	97.5	97.6	97.6	97.6	97.6	98.3	98.3	98.3	98.5	98.5	98.9
≥ 0	85.0	94.4	96.0	96.8	97.5	97.5	97.6	97.6	97.6	97.6	98.3	98.3	98.3	98.5	98.5	98.9

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12947

KANSAS CITY INTL MO

73-80

SEP

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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 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	62.4	62.5	62.6	62.7
≥ 2000	56.5	63.9	64.9	65.8	66.3	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.8	66.9
≥ 1800	56.5	63.9	64.9	65.8	66.3	66.4	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.8	66.8	67.0
≥ 1600	56.5	63.9	64.9	65.8	66.3	66.4	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.8	66.8	67.2
≥ 1400	57.2	64.7	65.7	66.6	67.1	67.2	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.6	67.6	67.8
≥ 1200	58.9	66.6	67.7	68.6	69.1	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.6	69.6	69.9
≥ 1000	61.5	69.8	70.8	71.8	72.3	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	73.0
≥ 900	62.4	70.9	72.0	73.0	73.5	73.6	73.8	73.8	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.2
≥ 800	63.5	72.4	73.6	74.6	75.2	75.3	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.7	75.7	75.8
≥ 700	64.0	73.2	74.5	75.5	76.1	76.2	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.6	76.6	76.9
≥ 600	65.0	74.3	75.6	76.7	77.3	77.4	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.9
≥ 500	65.8	75.4	76.9	78.1	78.6	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.2	79.3
≥ 450	66.4	76.6	78.1	79.3	79.9	80.0	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.5	80.5	80.7
≥ 400	67.6	77.6	79.3	80.5	81.1	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.8	81.8	81.9
≥ 350	68.3	78.6	80.3	81.5	82.2	82.3	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.9	82.9	83.0
≥ 300	69.3	80.0	81.8	83.1	83.8	83.9	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.6	84.7
≥ 250	70.7	81.8	83.7	85.0	85.8	85.9	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.6	86.6	86.7
≥ 200	71.9	83.7	85.7	87.2	87.9	88.1	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.8	88.8	89.0
≥ 180	72.4	84.5	86.6	88.0	88.9	89.0	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.7	89.7	89.9
≥ 150	73.1	85.7	87.8	89.4	90.3	90.4	90.8	90.9	90.9	91.1	91.1	91.1	91.1	91.2	91.2	91.4
≥ 120	73.8	86.7	89.0	90.6	91.6	91.7	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.6	92.6	92.8
≥ 100	74.0	87.3	89.8	91.6	92.6	92.8	93.3	93.4	93.4	93.5	93.6	93.6	93.6	93.7	93.8	93.9
≥ 90	74.1	87.5	90.1	91.9	92.9	93.1	93.6	93.7	93.7	93.9	93.9	93.9	93.9	94.1	94.1	94.3
≥ 80	74.2	87.9	90.6	92.5	93.7	93.9	94.4	94.5	94.5	94.7	94.7	94.7	94.7	94.9	94.9	95.1
≥ 70	74.3	88.2	90.9	93.0	94.3	94.6	95.1	95.3	95.3	95.5	95.5	95.5	95.5	95.6	95.7	95.8
≥ 60	74.4	88.5	91.3	93.5	94.9	95.1	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.3	96.3	96.5
≥ 50	74.5	88.7	91.6	93.9	95.4	95.6	96.3	96.5	96.5	96.8	96.8	96.8	96.8	97.0	97.0	97.2
≥ 40	74.5	88.8	91.7	94.3	95.8	96.1	96.9	97.2	97.2	97.6	97.6	97.6	97.6	97.9	97.9	98.1
≥ 30	74.6	88.9	91.8	94.4	95.9	96.3	97.1	97.6	97.6	98.1	98.2	98.2	98.2	98.6	98.6	98.9
≥ 20	74.6	88.9	91.8	94.4	96.0	96.4	97.2	97.7	97.7	98.3	98.5	98.5	98.5	99.0	99.1	99.4
≥ 10	74.6	88.9	91.8	94.4	96.0	96.4	97.2	97.7	97.8	98.4	98.6	98.6	98.6	99.2	99.3	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	98.6	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 5759

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13447

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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	71.2	73.5	73.7	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6
≥ 18000 ≥ 15000	72.6	75.1	75.3	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2
≥ 14000 ≥ 12000	72.6	75.1	75.3	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2
≥ 10000 ≥ 8000	72.7	75.3	75.4	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3
≥ 6000 ≥ 4000	74.6	77.2	77.3	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2
≥ 3000 ≥ 2000	75.8	78.5	78.6	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6
≥ 1500 ≥ 1000	77.4	80.2	80.5	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.5	81.5	81.5
≥ 800 ≥ 600	78.1	80.9	81.2	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1
≥ 400 ≥ 300	73.9	82.0	82.3	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2
≥ 200 ≥ 150	79.4	82.8	83.1	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0
≥ 100 ≥ 50	79.8	83.2	83.5	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4
≥ 4500 ≥ 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	85.3	85.5	85.5	85.5
≥ 3500 ≥ 3000	81.7	85.3	85.8	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.9	86.8	86.8
≥ 2500 ≥ 2000	82.1	85.8	86.2	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2
≥ 1500 ≥ 1000	82.8	86.7	87.2	88.0	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7
≥ 800 ≥ 600	83.6	87.6	88.2	89.0	89.1	89.2	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.8
≥ 400 ≥ 300	84.7	88.8	89.7	90.5	90.6	90.7	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.4	91.4	91.4
≥ 200 ≥ 150	85.1	89.7	90.7	91.5	91.7	91.8	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.5	92.5	92.5
≥ 100 ≥ 50	85.5	90.3	91.5	92.3	92.5	92.6	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.3	93.3	93.3
≥ 1200 ≥ 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	94.0	94.1	94.1	94.1
≥ 800 ≥ 600	86.0	91.4	92.9	94.0	94.2	94.4	94.8	94.8	94.8	94.9	94.9	94.9	94.9	95.0	95.0	95.0
≥ 400 ≥ 300	86.3	91.8	93.4	94.5	94.8	94.9	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.6	95.6	95.6
≥ 200 ≥ 150	86.3	91.8	93.7	94.8	95.0	95.2	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8
≥ 100 ≥ 50	86.3	91.8	93.7	94.8	95.0	95.2	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.1	96.1	96.1
≥ 400 ≥ 300	86.3	92.1	94.0	95.0	95.3	95.4	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.4	96.4	96.4
≥ 200 ≥ 150	86.4	92.3	94.2	95.4	95.8	96.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.3
≥ 100 ≥ 50	86.4	92.3	94.2	95.6	96.1	96.2	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8
≥ 400 ≥ 300	86.4	92.5	94.4	95.8	96.4	96.5	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.3
≥ 200 ≥ 150	86.4	92.5	94.4	95.8	96.6	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.9	98.9	99.5
≥ 100 ≥ 50	86.4	92.5	94.4	96.1	96.9	97.0	98.4	98.4	98.4	99.1	99.1	99.1	99.1	99.3	99.3	99.9
≥ 400 ≥ 300	86.4	92.5	94.4	96.1	96.9	97.0	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13047

KANSAS CITY INTL MO

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1307-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 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	71.1	71.2	71.2	71.2
≥ 2000	69.2	70.7	71.4	72.0	72.6	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3
≥ 1800	69.2	70.7	71.4	72.0	72.6	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3
≥ 1600	69.2	70.7	71.4	72.0	72.6	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3
≥ 1400	69.5	71.0	71.6	72.3	72.8	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5
≥ 1200	70.4	71.9	72.7	73.4	73.9	74.1	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6
≥ 1000	72.7	74.3	75.1	76.2	76.7	76.9	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4
≥ 800	74.1	75.7	76.5	77.6	78.1	78.2	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8
≥ 600	75.4	77.0	77.8	78.9	79.4	79.6	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1
≥ 400	76.5	78.1	78.9	80.0	80.5	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.2	81.2	81.2
≥ 200	77.3	78.9	79.7	80.9	81.5	81.6	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4
≥ 100	77.4	79.2	80.0	81.2	81.7	81.9	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.7	82.7
≥ 80	77.8	79.7	80.5	81.9	82.4	82.5	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3
≥ 60	78.9	80.9	81.7	83.1	83.6	83.7	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5
≥ 40	79.2	81.6	82.4	83.7	84.3	84.4	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2
≥ 20	79.4	82.4	83.2	84.5	85.1	85.2	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0
≥ 10	79.6	82.7	83.6	84.9	85.6	85.8	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.6	86.6	86.6
≥ 5	80.6	84.4	85.5	86.8	87.5	87.6	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4
≥ 2	81.5	85.5	86.6	87.9	88.7	88.8	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.7	89.7	89.7
≥ 1	82.3	86.2	87.6	89.0	89.8	89.9	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7
≥ 0	82.4	87.0	88.6	89.9	91.0	91.1	91.7	91.8	91.8	91.9	91.9	91.9	91.9	92.1	92.1	92.1
≥ 0.1	83.6	88.3	89.9	91.3	92.6	92.7	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.7	93.7	93.7
≥ 0.2	83.6	88.4	90.2	91.5	92.9	93.0	93.5	93.7	93.7	93.8	93.8	93.8	93.8	94.0	94.0	94.0
≥ 0.3	83.6	88.6	90.3	91.7	93.0	93.1	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94.1	94.1	94.1
≥ 0.4	83.6	88.8	90.6	91.9	93.3	93.4	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.5	94.5	94.5
≥ 0.5	83.7	89.0	90.7	92.2	93.7	93.8	94.6	94.8	94.8	94.9	94.9	94.9	94.9	95.0	95.0	95.0
≥ 0.6	83.7	89.7	91.4	92.9	94.6	94.8	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2
≥ 0.7	84.0	90.2	92.1	93.7	95.4	95.6	96.5	96.8	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0
≥ 0.8	84.0	90.2	92.3	94.2	96.2	96.4	97.7	98.3	98.3	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 0.9	84.0	90.2	92.3	94.2	96.2	96.4	97.7	98.3	98.3	98.9	98.9	98.9	98.9	99.1	99.1	99.1
≥ 1.0	84.0	90.2	92.3	94.2	96.2	96.4	97.7	98.3	98.3	98.9	98.9	98.9	98.9	99.1	99.1	99.1
≥ 1.1	84.0	90.2	92.3	94.2	96.2	96.4	97.7	98.3	98.3	98.9	98.9	98.9	98.9	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS

744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

347
STATION

KANSAS CITY INTL MO
STATION NAME

73-80
YEARS

007
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-2400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	2 1/2	2 3/8	2 1/2	2 1/4	2 1/8	2 1/4	2 1/8	2 1/4	2 1/8	2 1/4	2 1/8	2 1/4	2 1/8	2 1/4	2 1/8	2 1/4
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
≥ 2000	59.8	63.8	65.2	65.6	66.3	66.3	67.2	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.1	68.1
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	69.8	75.3	77.3	78.0	79.8	79.4	80.2	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.2	81.2
≥ 500	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
≥ 450	70.0	75.7	78.0	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
≥ 400	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
≥ 350	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
≥ 300	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
≥ 250	71.6	79.2	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
≥ 200	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
≥ 180	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
≥ 150	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
≥ 120	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
≥ 100	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
≥ 90	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
≥ 80	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
≥ 70	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
≥ 60	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
≥ 50	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
≥ 40	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
≥ 30	74.2	83.9	87.8	89.9	91.8	92.6	94.9	96.1	96.1	96.6	96.6	96.6	96.6	96.6	97.3	97.3
≥ 20	74.2	84.0	87.9	90.2	92.1	92.9	95.3	96.8	96.8	97.6	97.8	97.8	97.8	97.8	98.7	98.7
≥ 10	74.2	84.0	87.9	90.2	92.1	92.9	95.3	96.8	96.8	97.6	97.8	97.8	97.8	97.8	98.8	98.8
≥ 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	97.8	97.8	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7547

KANSAS CITY INTL MO

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1980-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	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
≥ 18000 ≥ 16000	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
≥ 16000 ≥ 14000	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
≥ 14000 ≥ 12000	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 ≥ 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
≥ 10000 ≥ 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
≥ 9000 ≥ 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
≥ 8000 ≥ 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
≥ 7000 ≥ 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
≥ 6000 ≥ 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
≥ 5000 ≥ 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
≥ 4500 ≥ 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
≥ 4000 ≥ 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
≥ 3500 ≥ 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
≥ 3000 ≥ 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
≥ 2500 ≥ 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
≥ 2000 ≥ 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
≥ 1800 ≥ 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	86.8	86.8
≥ 1500 ≥ 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
≥ 1200 ≥ 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
≥ 1000 ≥ 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
≥ 900 ≥ 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
≥ 800 ≥ 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
≥ 700 ≥ 600	72.4	87.0	89.2	91.1	92.6	92.9	94.1	94.4	94.4	94.8	94.8	94.8	94.9	94.9	94.9	94.9
≥ 600 ≥ 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
≥ 500 ≥ 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
≥ 400 ≥ 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
≥ 300 ≥ 200	72.4	87.2	89.9	91.9	93.8	94.6	96.8	97.6	97.6	98.5	98.5	98.7	99.3	99.3	99.3	99.3
≥ 200 ≥ 100	72.4	87.2	89.9	91.9	93.8	94.6	96.8	97.7	97.7	98.7	98.7	98.8	99.6	99.6	99.6	99.7
≥ 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
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7347

KANSAS CITY INTL MO

73-80

207

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1222-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32
NOT DEFINED	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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	66.9	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
≥ 900	67.7	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 450	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
≥ 400	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
≥ 350	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
≥ 300	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
≥ 250	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
≥ 200	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
≥ 180	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
≥ 150	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
≥ 120	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
≥ 100	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
≥ 90	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
≥ 80	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
≥ 70	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
≥ 60	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
≥ 50	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
≥ 40	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
≥ 30	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
≥ 20	82.0	91.4	94.0	94.9	96.4	96.8	98.1	98.8	98.8	99.5	99.6	99.6	99.6	99.7	99.7	99.7
≥ 10	82.0	91.4	94.0	94.9	96.4	96.8	98.1	98.8	98.8	99.5	99.6	99.6	99.6	99.7	99.7	99.7
≥ 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	99.6	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7947

KANSAS CITY INTL MO

73-80

OCT

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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	72.4	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 450	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
≥ 400	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
≥ 350	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
≥ 300	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
≥ 250	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	88.8	88.8	88.8
≥ 200	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
≥ 180	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
≥ 150	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
≥ 120	83.3	90.5	93.0	93.8	94.2	94.5	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 100	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
≥ 90	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
≥ 80	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
≥ 70	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
≥ 60	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
≥ 50	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
≥ 40	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
≥ 30	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
≥ 20	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
≥ 10	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
≥ 0	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

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7447
STATION

KANSAS CITY INTL MO
STATION NAME

73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥ 1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING ≥ 20000	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
≥ 18000 ≥ 17000	72.0	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 ≥ 13000	72.0	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
≥ 10000 ≥ 9000	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
≥ 8000 ≥ 7000	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
≥ 6000 ≥ 5000	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
≥ 4500 ≥ 4000	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
≥ 3500 ≥ 3000	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
≥ 2500 ≥ 2000	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
≥ 1800 ≥ 1500	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
≥ 1200 ≥ 1000	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
≥ 900 ≥ 800	79.6	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
≥ 700 ≥ 600	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
≥ 500 ≥ 400	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
≥ 300 ≥ 200	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
≥ 100 ≥ 0	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
≥ 900	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
≥ 800	86.0	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
≥ 700	86.2	92.2	93.3	94.1	94.2	94.5	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600	86.3	92.3	93.4	94.2	94.4	94.6	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 500	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
≥ 400	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
≥ 300	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
≥ 200	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
≥ 100	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
≥ 0	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
≥ 900	86.4	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
≥ 800	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
≥ 700	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
≥ 600	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

3047
STATION

KANSAS CITY INTL MO
STATION NAME

73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	79.7	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 450	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
≥ 400	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
≥ 350	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
≥ 300	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
≥ 250	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
≥ 200	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
≥ 180	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
≥ 150	87.2	91.6	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
≥ 120	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
≥ 100	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
≥ 90	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
≥ 80	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
≥ 70	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
≥ 60	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
≥ 50	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
≥ 40	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
≥ 30	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
≥ 20	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
≥ 10	88.3	94.8	96.3	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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7747

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	≥⅓	≥⅓	≥⅓	≥⅓
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	69.1	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	71.9	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	71.9	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	76.0	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	90.8	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

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12647

KANSAS CITY INTL MO

73-80

NGV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING ≥ 25000	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
≥ 18000	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
≥ 16000	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	60.3	60.7	61.3	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	67.4	69.8	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	76.5	78.5	79.2	79.6	79.9	80.0	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.8	80.8	81.2
≥ 1600	78.2	80.3	81.0	81.7	81.9	82.1	82.6	82.6	82.6	82.8	82.8	82.8	82.8	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	85.4	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	86.5	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	89.3	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	90.4	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	91.8	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	92.6	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	93.5	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	95.0	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	95.8	96.1	96.1	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	97.1	97.8	97.8	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	97.5	98.3	98.3	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	97.5	98.3	98.3	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	97.5	98.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 07947 STATION NAME KANSAS CITY INTL MO

YEARS 73-60

MONTH NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3300-3500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO CEILING ≥ 20000	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
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	62.3	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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7547

KANSAS CITY INTL MO

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	43.7	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
≥ 18000 ≥ 17000	45.0	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 ≥ 15000	45.0	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
≥ 14000 ≥ 13000	45.7	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
≥ 12000 ≥ 11000	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
≥ 10000 ≥ 9500	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
≥ 8000 ≥ 7500	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
≥ 6000 ≥ 5500	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
≥ 5000 ≥ 4500	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
≥ 4000 ≥ 3500	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
≥ 3000 ≥ 2500	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
≥ 2000 ≥ 1500	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
≥ 1000 ≥ 500	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
≥ 900 ≥ 800	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
≥ 700 ≥ 600	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
≥ 500 ≥ 400	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
≥ 300 ≥ 200	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
≥ 100 ≥ 0	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
≥ 900 ≥ 800	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
≥ 700 ≥ 600	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
≥ 500 ≥ 400	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
≥ 300 ≥ 200	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
≥ 100 ≥ 0	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
≥ 900 ≥ 800	69.6	79.4	82.9	86.1	87.4	88.1	88.8	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	90.1
≥ 700 ≥ 600	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	91.0	91.1	91.4
≥ 500 ≥ 400	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
≥ 300 ≥ 200	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
≥ 100 ≥ 0	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
≥ 900 ≥ 800	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

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/14C

CEILING VERSUS VISIBILITY

7347

KANSAS CITY INTL MU

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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/8	≥ 0
NO CEILING	39.7	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	49.9	52.0
≥ 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
≥ 16000	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	46.7	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	58.9	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	82.6	82.6	82.6	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

7347

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	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	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
≥ 18000 ≥ 17000	45.3	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
≥ 16000 ≥ 15000	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
≥ 14000 ≥ 13000	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
≥ 12000 ≥ 11000	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
≥ 10000 ≥ 9000	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
≥ 8000 ≥ 7000	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
≥ 6000 ≥ 5000	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
≥ 4500 ≥ 4000	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
≥ 3500 ≥ 3000	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
≥ 2500 ≥ 2000	52.9	62.2	64.6	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 1800 ≥ 1500	53.2	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
≥ 1200 ≥ 1000	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
≥ 900 ≥ 800	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
≥ 700 ≥ 600	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
≥ 500 ≥ 400	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
≥ 300 ≥ 200	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
≥ 100 ≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	65.3	82.2	86.7	89.2	90.0	90.3	91.0	91.4	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8
≥ 0	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	92.8	92.8
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
AFD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

347
STATION

KANSAS CITY INTL MO
STATION NAME

73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
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
≥ 16000	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	55.5	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	70.6	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	80.3	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 710

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7347

KANSAS CITY INTL MO

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-0000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING ≥ 20000	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
≥ 18000 ≥ 15000	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
≥ 14000 ≥ 12000	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	58.6
≥ 10000 ≥ 9000	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	59.7
≥ 8000 ≥ 7000	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
≥ 6000 ≥ 5000	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
≥ 4500 ≥ 4000	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
≥ 3500 ≥ 3000	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	65.8
≥ 2500 ≥ 2000	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
≥ 1800 ≥ 1500	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
≥ 1200 ≥ 1000	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
≥ 900 ≥ 800	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
≥ 700 ≥ 600	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
≥ 500 ≥ 400	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
≥ 300 ≥ 200	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
≥ 100 ≥ 0	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
≥ 0	76.5	81.0	81.7	82.1	82.2	82.2	82.2	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	83.1
≥ 0	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
≥ 0	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
≥ 0	83.6	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 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	99.2	99.4	99.6
≥ 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	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 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7347

KANSAS CITY INTL MO

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

113-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO CEILING ≥ 20000	57.6	58.2	59.3	58.8	59.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.2	59.2	59.2
≥ 18000 ≥ 16000	60.3	60.8	61.3	61.4	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8
≥ 14000 ≥ 12000	60.6	61.1	61.3	61.7	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.1	62.1	62.1
≥ 10000 ≥ 8000	60.7	61.3	61.4	61.8	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2
≥ 6000 ≥ 4000	61.9	62.2	62.4	62.8	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2
≥ 3000 ≥ 2000	63.3	65.0	65.1	65.6	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	66.0	66.0	66.0
≥ 1800 ≥ 1600	64.0	65.7	66.0	66.4	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8
≥ 1400 ≥ 1200	65.4	67.1	67.4	67.8	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2
≥ 1000 ≥ 800	65.6	67.2	67.5	67.9	67.9	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3
≥ 600 ≥ 400	66.1	67.9	68.2	68.6	68.6	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0
≥ 300 ≥ 200	67.6	69.4	69.7	70.3	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7
≥ 1800 ≥ 1600	69.3	71.1	71.4	72.2	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6
≥ 1400 ≥ 1200	70.1	71.9	72.2	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.5	73.5	73.5
≥ 1000 ≥ 800	71.1	73.1	73.3	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6
≥ 600 ≥ 400	72.1	74.0	74.4	75.3	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7
≥ 300 ≥ 200	74.7	76.8	77.4	78.3	78.5	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9
≥ 1800 ≥ 1600	78.2	80.8	81.5	82.6	82.8	82.8	83.5	83.5	83.5	83.9	83.9	83.9	83.9	84.0	84.0	84.0
≥ 1400 ≥ 1200	79.3	82.1	82.8	83.9	84.0	84.0	84.7	84.7	84.7	85.1	85.1	85.1	85.1	85.3	85.3	85.3
≥ 1000 ≥ 800	81.7	85.0	85.7	86.8	86.9	86.9	87.6	87.6	87.6	88.1	88.1	88.1	88.1	88.2	88.2	88.2
≥ 600 ≥ 400	82.1	85.4	86.3	87.4	87.5	87.5	88.2	88.2	88.2	88.6	88.6	88.6	88.6	88.8	88.8	88.8
≥ 300 ≥ 200	82.8	86.5	87.6	89.2	89.3	89.3	90.0	90.0	90.0	90.4	90.4	90.4	90.4	90.6	90.6	90.6
≥ 1800 ≥ 1600	83.2	87.5	88.8	90.6	90.7	90.7	91.4	91.4	91.4	91.8	91.8	91.8	91.8	91.9	91.9	91.9
≥ 1400 ≥ 1200	83.9	88.8	90.1	91.9	92.1	92.1	92.9	92.9	92.9	93.3	93.3	93.3	93.3	93.5	93.5	93.5
≥ 1000 ≥ 800	84.0	89.0	90.4	92.6	92.8	92.8	93.6	93.6	93.6	94.0	94.0	94.0	94.0	94.2	94.2	94.2
≥ 600 ≥ 400	84.2	89.4	90.8	93.1	93.2	93.2	94.4	94.4	94.4	94.9	94.9	94.9	94.9	95.1	95.1	95.1
≥ 300 ≥ 200	84.7	90.0	91.5	93.9	94.3	94.4	95.8	95.8	95.8	96.5	96.5	96.5	96.5	97.1	97.1	97.1
≥ 1800 ≥ 1600	84.9	90.3	91.9	94.3	95.1	95.3	96.9	96.9	96.9	97.6	97.6	97.6	97.6	98.5	98.5	98.5
≥ 1400 ≥ 1200	84.9	90.3	91.9	94.4	95.3	95.4	97.1	97.1	97.1	97.9	97.9	97.9	97.9	98.9	98.9	98.9
≥ 1000 ≥ 800	84.9	90.3	91.9	94.4	95.3	95.4	97.1	97.1	97.1	97.9	97.9	97.9	97.9	98.9	98.9	98.9
≥ 600 ≥ 400	84.9	90.3	91.9	94.4	95.3	95.4	97.1	97.1	97.1	97.9	97.9	97.9	97.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-47

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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	49.6	53.0	53.9	54.3	54.6	54.6	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	55.0
≥ 2000	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	57.8	57.9
≥ 1800	52.0	55.8	56.8	57.4	57.6	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.1
≥ 1600	52.7	55.8	56.8	57.4	57.6	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.1
≥ 1400	52.7	56.6	57.6	58.2	58.4	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.9
≥ 1200	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	60.2	60.3
≥ 1000	55.4	59.9	60.8	61.5	61.7	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.2
≥ 900	56.1	60.7	61.7	62.4	62.6	62.7	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.1
≥ 800	57.3	61.9	62.9	63.6	63.9	64.0	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.4
≥ 700	58.0	62.7	63.9	64.6	64.9	65.0	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.4
≥ 600	58.7	63.7	64.9	65.6	65.9	66.0	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.4
≥ 500	59.8	64.9	66.1	66.9	67.1	67.2	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.7
≥ 450	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	68.5	68.6
≥ 400	61.7	67.0	68.2	69.0	69.3	69.4	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.8	69.8
≥ 350	62.6	67.9	69.2	70.1	70.4	70.5	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.9
≥ 300	64.2	69.7	71.0	71.8	72.2	72.3	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.7
≥ 250	66.4	72.3	73.7	74.7	75.0	75.2	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.6
≥ 200	69.0	75.6	77.2	78.2	78.7	78.9	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.5
≥ 180	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	81.1	81.2
≥ 150	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	84.2	84.3
≥ 120	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	86.4	86.5
≥ 100	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	87.9	88.0
≥ 90	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	89.1	89.2
≥ 80	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	90.7	90.8
≥ 70	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	91.9	92.0
≥ 60	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	93.6	93.7
≥ 50	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	95.1	95.2
≥ 40	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
≥ 30	75.0	85.0	88.4	91.3	92.8	93.6	95.1	96.0	96.0	97.0	97.3	97.3	97.8	97.8	98.0	98.1
≥ 20	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
≥ 10	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
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1947

KANSAS CITY INTL MO

73-80

DLC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-1200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING ≥ 20000	56.5	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
≥ 18000 ≥ 17000	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
≥ 14000 ≥ 13000	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
≥ 10000 ≥ 9000	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
≥ 8000 ≥ 7000	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
≥ 6000 ≥ 5000	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
≥ 4500 ≥ 4000	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
≥ 3500 ≥ 3000	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
≥ 2500 ≥ 2000	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
≥ 1500 ≥ 1000	65.6	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
≥ 800 ≥ 600	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
≥ 450C ≥ 400C	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
≥ 350C ≥ 300C	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
≥ 250C ≥ 200C	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
≥ 150C ≥ 100C	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
≥ 80C ≥ 60C	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
≥ 40C ≥ 30C	73.1	76.3	77.7	78.1	78.4	78.4	78.8	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0
≥ 20C ≥ 10C	73.5	76.9	78.2	78.6	78.9	78.9	79.3	79.3	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6
≥ 5C ≥ 0C	75.1	79.0	80.4	80.8	81.0	81.0	81.5	81.5	81.5	81.5	81.7	81.7	81.7	81.9	81.9	81.9
≥ 120C ≥ 100C	77.7	82.3	83.6	84.1	84.4	84.4	84.9	84.9	84.9	84.9	85.2	85.2	85.2	85.3	85.3	85.3
≥ 90C ≥ 80C	78.6	83.6	85.5	86.0	86.3	86.3	86.8	86.8	86.8	86.8	87.1	87.1	87.1	87.2	87.2	87.2
≥ 70C ≥ 60C	79.1	84.1	86.0	86.6	86.8	86.8	87.5	87.6	87.6	87.6	87.9	87.9	87.9	88.0	88.0	88.0
≥ 50C ≥ 40C	79.0	84.9	86.8	87.5	87.8	87.8	88.4	88.6	88.6	88.6	89.0	89.0	89.0	89.1	89.1	89.1
≥ 30C ≥ 20C	79.2	85.1	87.1	87.9	88.2	88.2	88.8	89.0	89.0	89.0	89.4	89.4	89.4	89.5	89.5	89.5
≥ 10C ≥ 0C	79.3	85.3	87.6	88.4	88.8	88.8	89.5	89.7	89.7	89.7	90.1	90.1	90.1	90.2	90.2	90.2
≥ 100 ≥ 0	79.3	85.5	88.3	89.1	89.7	89.9	91.1	91.3	91.3	91.3	91.8	91.8	91.8	91.9	91.9	91.9
≥ 100 ≥ 0	79.3	85.5	88.6	89.5	90.5	90.7	92.2	92.5	92.7	93.4	93.7	93.7	93.7	94.0	94.0	94.0
≥ 100 ≥ 0	79.3	85.5	88.6	89.5	90.5	90.7	92.7	93.4	93.8	95.0	95.3	95.3	95.3	96.0	96.0	96.8
≥ 100 ≥ 0	79.3	85.5	88.7	89.7	90.7	91.0	93.1	94.0	94.4	95.8	96.1	96.1	96.1	96.9	96.9	97.4
≥ 100 ≥ 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	96.2	97.3	97.3	98.1
≥ 100 ≥ 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	96.2	97.3	97.3	98.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2647

KANSAS CITY INTL MO

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1301-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING ≥ 20000	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
≥ 18000	57.0	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
≥ 16000	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	73.8	74.1	74.2	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1347
STATION

KANSAS CITY INTL MO
STATION NAME

73-80
YEARS

DEC
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	≥ 1/16	≥ 0	≥ 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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 450	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
≥ 400	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
≥ 350	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
≥ 300	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
≥ 250	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
≥ 200	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
≥ 180	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
≥ 150	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
≥ 120	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
≥ 100	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
≥ 90	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
≥ 80	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
≥ 70	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
≥ 60	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
≥ 50	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
≥ 40	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
≥ 30	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
≥ 20	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
≥ 10	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
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3347

KANSAS CITY INTL MO

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥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
≥ 10000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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

13547
STATION

KANSAS CITY INTL MO
STATION NAME

73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12JC-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	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
≥ 18000 ≥ 16000	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
≥ 14000 ≥ 12000	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
≥ 10000 ≥ 8000	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
≥ 6000 ≥ 4000	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
≥ 3000 ≥ 2000	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
≥ 1800 ≥ 1600	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
≥ 1400 ≥ 1200	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
≥ 1000 ≥ 800	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
≥ 600 ≥ 400	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
≥ 300 ≥ 200	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
≥ 100 ≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	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
≥ 0	63.8	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
≥ 0	63.8	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
≥ 0	63.8	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
≥ 0	63.8	79.8	83.2	87.8	89.4	91.0	93.8	95.3	95.3	96.8	97.0	97.0	97.0	97.2	97.2	97.2
≥ 0	63.8	79.8	83.2	87.8	89.4	91.0	93.8	95.3	95.3	96.8	97.0	97.0	97.0	97.2	97.2	97.2
≥ 0	63.8	79.8	83.2	87.8	89.4	91.0	93.8	95.3	95.3	96.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 0	63.8	79.8	83.2	87.8	89.4	91.0	93.8	95.3	95.3	96.8	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17047

KANSAS CITY INTL MO

73-80

DEC

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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 450	59.9	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
≥ 400	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
≥ 350	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
≥ 300	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
≥ 250	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
≥ 200	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

2447

KANSAS CITY INTL MO

73-80

DEC

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	≥¼	≥1/10	≥1/20	≥0
NO CEILING ≥ 20000	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
≥ 18000 ≥ 16000	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
≥ 14000 ≥ 12000	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
≥ 10000 ≥ 8000	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
≥ 6000 ≥ 5000	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
≥ 4000 ≥ 3000	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
≥ 2000 ≥ 1000	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
≥ 800 ≥ 600	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
≥ 400 ≥ 300	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
≥ 200 ≥ 100	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
≥ 100 ≥ 0	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
≥ 1500 ≥ 1000	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
≥ 800 ≥ 600	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
≥ 400 ≥ 300	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
≥ 200 ≥ 100	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
≥ 100 ≥ 0	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
≥ 800 ≥ 600	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
≥ 400 ≥ 300	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
≥ 200 ≥ 100	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
≥ 100 ≥ 0	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
≥ 800 ≥ 600	77.3	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
≥ 400 ≥ 300	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
≥ 200 ≥ 100	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
≥ 100 ≥ 0	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
≥ 800 ≥ 600	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 ≥ 300	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
≥ 200 ≥ 100	77.7	86.6	89.1	90.1	90.9	91.9	94.4	95.8	95.8	96.4	96.5	96.5	96.8	96.8	96.8	96.9
≥ 100 ≥ 0	77.7	86.6	89.1	90.1	90.9	91.9	94.4	96.0	96.0	97.4	97.6	97.6	98.1	98.1	98.4	98.5
≥ 800 ≥ 600	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
≥ 400 ≥ 300	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
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7547

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	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 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	73.2	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	78.2	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

03947

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	≥3/16	≥¼	≥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	55.0
≥ 2000	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	57.9
≥ 1800	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	58.1
≥ 1600	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	58.1
≥ 1400	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	58.9	59.0
≥ 1200	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	60.5
≥ 1000	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	62.4
≥ 900	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	64.0	64.0	64.1
≥ 800	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	65.5
≥ 700	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	67.0
≥ 600	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	67.9
≥ 500	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	68.8
≥ 450	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	69.5	69.6
≥ 400	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	70.2	70.3
≥ 350	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	71.0
≥ 300	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	72.2	72.3	72.3
≥ 250	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	73.8	73.9
≥ 200	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	76.5	76.6
≥ 180	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	77.7
≥ 150	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	80.6	80.7	80.7
≥ 120	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	84.1	84.2
≥ 100	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	86.4	86.5
≥ 90	71.4	81.0	83.4	85.1	85.9	86.2	86.8	87.0	87.0	87.2	87.2	87.2	87.2	87.3	87.3	87.3
≥ 80	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	88.3	88.4	88.4
≥ 70	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	89.7
≥ 60	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	91.0
≥ 50	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	92.7	92.8
≥ 40	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	94.8
≥ 30	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
≥ 20	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
≥ 10	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
7347

STATION NAME
KANSAS CITY INTL MO

YEARS
73-81

MONTH
ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)
ALL

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥½	≥1½	≥1	≥¾	≥½	≥¼	≥1/16	≥4	≥0
NO CEILING ≥ 20000	52.6 56.1	57.4 61.4	58.3 62.4	59.0 63.2	59.3 63.5	59.4 63.6	59.5 63.7	59.6 63.8	59.6 63.8	59.6 63.8	59.6 63.8	59.6 63.8	59.6 63.8	59.6 63.8	59.7 63.9	59.7 63.9
≥ 18000 ≥ 6000	56.2 56.3	61.6 61.6	62.6 62.6	63.3 63.3	63.6 63.6	63.7 63.7	63.8 63.9	63.9 63.9	63.9 63.9	64.0 64.0	64.0 64.0	64.0 64.0	64.0 64.0	64.0 64.0	64.0 64.0	64.0 64.0
≥ 14000 ≥ 12000	56.9 58.3	62.3 64.0	63.3 65.1	64.1 65.8	64.4 66.1	64.5 66.2	64.6 66.4	64.7 66.5	64.7 66.5	64.7 66.5	64.7 66.5	64.7 66.5	64.7 66.5	64.7 66.5	64.8 66.5	64.8 66.5
≥ 10000 ≥ 9500	60.7 61.7	66.8 68.0	67.9 69.1	68.7 70.0	69.0 70.3	69.1 70.5	69.3 70.6	69.4 70.7	69.4 70.7	69.4 70.7	69.4 70.7	69.4 70.7	69.4 70.7	69.5 70.8	69.5 70.8	69.5 70.8
≥ 8000 ≥ 7000	62.9 63.9	69.5 70.6	70.7 71.9	71.6 72.9	72.0 73.3	72.1 73.4	72.3 73.6	72.3 73.6	72.3 73.6	72.4 73.7	72.4 73.7	72.4 73.7	72.4 73.7	72.4 73.7	72.4 73.7	72.5 73.8
≥ 6000 ≥ 5000	64.8 65.8	71.8 72.9	73.1 74.3	74.1 75.3	74.5 75.7	74.6 75.9	74.8 76.1	74.9 76.1	74.9 76.1	74.9 76.2	74.9 76.2	74.9 76.2	74.9 76.2	75.0 76.2	75.0 76.2	75.0 76.3
≥ 4500 ≥ 4000	66.5 67.6	74.0 75.3	75.4 76.8	76.4 77.9	76.9 78.3	77.0 78.5	77.2 78.7	77.3 78.8	77.3 78.8	77.3 78.8	77.3 78.8	77.3 78.8	77.3 78.8	77.4 78.9	77.4 78.9	77.4 78.9
≥ 3500 ≥ 3000	68.3 69.5	76.2 77.8	77.8 79.5	78.9 80.6	79.4 81.1	79.5 81.3	79.7 81.5	79.8 81.6	79.8 81.6	79.9 81.7	79.9 81.7	79.9 81.7	79.9 81.7	79.9 81.7	79.9 81.8	80.0 81.8
≥ 2500 ≥ 2000	70.8 72.3	79.5 81.5	81.3 83.4	82.5 84.7	83.1 85.3	83.2 85.5	83.5 85.8	83.6 85.9	83.6 85.9	83.7 86.0	83.7 86.1	83.7 86.1	83.7 86.1	83.7 86.1	83.7 86.1	83.8 86.2
≥ 1800 ≥ 1500	72.8 73.8	82.3 83.9	84.2 86.0	85.6 87.5	86.2 88.2	86.4 88.4	86.8 88.8	86.9 88.9	86.9 88.9	87.0 89.0	87.0 89.1	87.0 89.1	87.0 89.1	87.0 89.1	87.1 89.1	87.1 89.2
≥ 1200 ≥ 1000	74.6 75.0	85.2 86.0	87.4 88.4	89.1 90.2	89.9 91.1	90.1 91.4	90.6 91.9	90.8 92.1	90.8 92.1	90.9 92.3	90.9 92.3	90.9 92.3	90.9 92.3	91.0 92.4	91.0 92.4	91.0 92.5
≥ 900 ≥ 800	75.2 75.3	86.3 86.6	88.8 89.2	90.7 91.2	91.7 92.3	92.0 92.6	92.5 93.3	92.7 93.5	92.7 93.5	92.9 93.7	92.9 93.7	92.9 93.7	92.9 93.7	93.0 93.8	93.0 93.8	93.1 93.9
≥ 700 ≥ 600	75.4 75.5	86.9 87.0	89.6 89.8	91.7 92.1	92.9 93.4	93.3 93.8	94.0 94.7	94.3 95.1	94.4 95.1	94.6 95.4	94.6 95.4	94.6 95.4	94.6 95.4	94.7 95.5	94.7 95.5	94.8 95.6
≥ 500 ≥ 400	75.5 75.6	87.2 87.3	90.1 90.3	92.5 92.7	93.9 94.3	94.4 94.8	95.5 96.1	95.9 96.6	95.9 96.7	96.3 97.2	96.4 97.3	96.4 97.3	96.4 97.3	96.5 97.5	96.5 97.5	96.6 97.6
≥ 300 ≥ 200	75.6 75.6	87.3 87.4	90.3 90.3	92.8 92.8	94.4 94.4	95.0 95.1	96.4 96.5	97.1 97.2	97.2 97.3	97.8 98.1	98.0 98.4	98.0 98.4	98.0 98.4	98.3 98.9	98.4 99.1	98.5 99.3
≥ 100 ≥ 0	75.6 75.6	87.4 87.4	90.3 90.3	92.9 92.9	94.5 94.5	95.1 95.1	96.5 96.5	97.3 97.3	97.3 97.3	98.2 98.2	98.5 98.5	98.5 98.5	98.5 98.5	99.0 99.1	99.1 99.1	99.6 100.0

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

SKY COVER

444

STATION

STAT CON NAME

PERIOD

4. 2. 1.

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF B.	
		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						3.4	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	741
	12-14	26.2			13.7						16.7	43.4	6.3	741
	15-17	27.8			12.5						16.4	43.3	6.2	741
	18-20	33.0			13.6						13.5	40.0	5.6	741
	21-23	39.8			13.6						9.3	38.3	5.1	741
TOTALS		34.0			12.3						12.7	41.1	5.6	593

SKY COVER

FFL

CONCLUSION

Signature Name

PER CC.

441

MONTH	HOURS ALST.	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

SKY COVER

74-81

MAR

SAFETY

STATION NAME

PERIOD

—

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	33.6			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			13.7						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

SKY COVER

APR

422

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
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

SKY COVER

MAY

— 52 —

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
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

JUN

MONTH

SKY COVER

73-80

JUL

STATION

STATION NAME

PER-00

402

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

FORM 0-9.5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

AUG

MONTH

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

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

C-41

13

OCT

MONTH

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14

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF 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

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13947 KANSAS CITY INTL MO

73-80

DEC

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		
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

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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 (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	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

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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 ($\sum X^2$), sums of values ($\sum X$), means ($\bar{X}$), and standard deviations (σ_x). 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 1940. 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

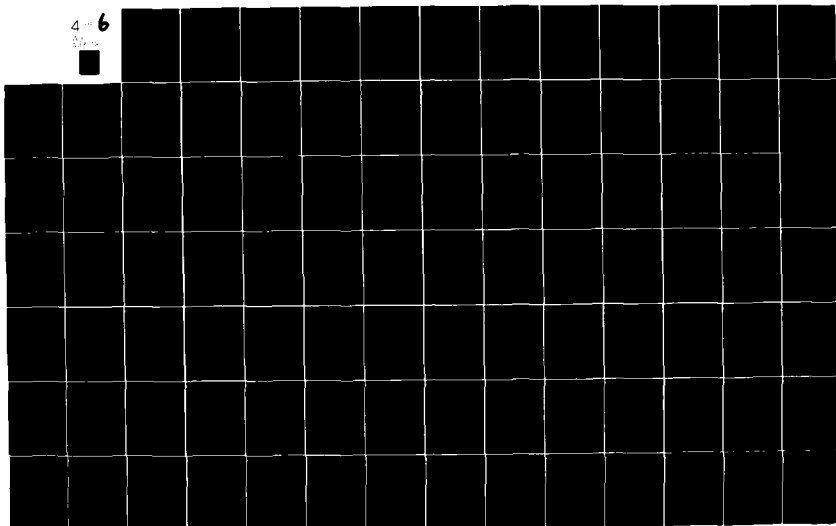
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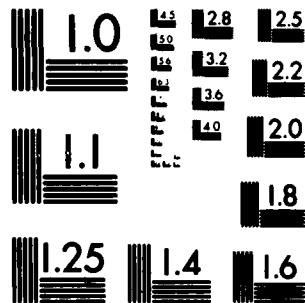
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4-6





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

GLOBAL CLIMATOLOGY DIVISION
USAFETAC
AIR WEATHER SERVICE/AD

PSYCHROMETRIC SUMMARY

07947 KANSAS CITY INTL MO
STATION STATION NAME

74-51

YEARS

PAGE 1

JAN
MONTH
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
50 / 55		.1					.1											2	2		
54 / 53		.3	.4			.7	.1											8	9	1	
52 / 51		.1				.7												3	3	2	2
50 / 49		.1																1	1	4	1
48 / 47		.1																1	1	2	4
46 / 45		.7				.1												3	3	1	2
44 / 43		.3	.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	1.0	1.0		.4												21	31	9	3
36 / 35		1.0	2.4	.9	.1													40	40	11	5
34 / 33	.5	2.7	2.4	1.3														52	52	51	11
32 / 31	.3	4.4	3.3	.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	40
26 / 25	.4	2.4	.9	.1														26	36	41	29
24 / 23	.3	2.3	1.0															28	28	34	43
22 / 21	1.5	2.6	.9															37	37	49	51
20 / 19	.4	3.1	.8															32	32	20	65
18 / 17	.5	3.6	.7															36	36	39	36
16 / 15		3.6	1.1															35	35	28	27
14 / 13		2.8	.5															27	27	35	34
12 / 11	.4	2.3																20	20	26	25
10 / 9	.7	1.7																18	18	27	23
8 / 7	.1	3.1																24	24	23	34
6 / 5	.4	3.4																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	1.1	.3																25	25	33	22
-2 / -3	.3	.5																10	10	10	27
-4 / -5	.6	.4																7	7	7	25
-6 / -7	1.0																	11	11	13	22
-8 / -9	1.1																	6	8	8	18
-10 / -11	.4																	3	3	3	12
Element (X)	Σ X ²		Σ X		X		X		X		No. Obs.		Mean No. of Hours with Temperature						Total		
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F			
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

02947	KANSAS CITY INTL MO
STATION	STATION NAME

74-51

YEARS

JAN
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			
-14/-13																					10			
-14/-14																					5			
-16/-17																					9			
-16/-19																					14			
-20/-21																					2			
TOTAL	15.3	55.9	20.0	6.2	.5	1.1	.3												744		744			
																			744		744			
																			</					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03047 KANSAS CITY INTL MO
STATION STATION NAME

74-61

YEARS

JAN
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	
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																				3	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	.3	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	.3	2.3	.5															27	27	35	40	
20 / 19	.3	3.1	.8															35	35	34	42	
18 / 17	1.2	2.3	.4															33	33	38	37	
16 / 15	.5	2.6	.7															28	28	24	40	
14 / 13	.7	4.2	.5															40	40	25	45	
12 / 11	.3	2.2																18	18	33	24	
10 / 9	.9	3.3																35	35	33	16	
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	.4																	6	6	6	21	
-12 / -13	.3																	2	2	2	10	
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						
Dew Point																						
Mean No. of Hours with Temperature																						
																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

74-81

YEARS

JAN
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

07847 KANSAS CITY INTL MO
STATION STATION NAME

74-81

YEARS

JAN
MONTH

PAGE 1

0600-0600
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			
64 / 53						.1												1	1					
62 / 51				.1	.3	.3												5	5					
42 / 47		.1																1	1					
41 / 45	.1																	1	1	5	1			
44 / 43		.3	.1															3	3	1	1			
42 / 41		.1	.1	.3														4	4	4				
42 / 39		.5	.7															9	9	2	7			
36 / 37		.9	.9	.3		.4												10	13	9	5			
36 / 35	.1	1.6	2.7	.8														39	39	17	6			
34 / 33		2.3	1.7	.7														35	35	19	17			
32 / 31	.7	4.6	3.4	.4		.1												66	63	52	16			
31 / 29	.9	4.3	1.2															46	46	61	35			
27 / 27		3.2	1.9															35	35	53	32			
26 / 25	.2	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			
21 / 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	1.5	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			
6 / 7	.4	3.1																26	26	37	21			
4 / 5	.4	1.1																11	11	16	17			
4 / 3	.5	3.1																26	26	16	33			
2 / 1	.5	2.8																25	25	32	41			
0 / -1	2.3	1.1																25	25	22	16			
-2 / -3	1.1	.7																13	13	19	22			
-4 / -5	1.1	.5																12	12	12	19			
-6 / -7	.8	.1																7	7	9	16			
-8 / -9	.6																	19	19	19	22			
-10 / -11	.4																	3	3	3	19			
-12 / -13	.3																	7	7	7	9			
-14 / -15																					17			
Element (X)	Σ X ²			Σ X			X	Σ X			Σ 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																								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

02547 KANSAS CITY INTL MO

74-81

JAN

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																		
56 / 55				.1														1	1																				
54 / 53				.3		.1												3	3																				
52 / 51						.4												3	3																				
50 / 49					.1	.1												2	2	1																			
48 / 47						.1												1	1	2																			
46 / 45			.1	.3	.7													5	5																				
44 / 43		.3	.1	.3	.1	.1												7	7	3	1																		
42 / 41		.4	.7	.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	.7													35	35	15	7																		
36 / 35	.1	1.9	2.7	1.6	.7													44	44	43	3																		
34 / 33		2.3	2.3	.3														36	36	44	16																		
32 / 31	.7	4.3	4.2	.5	.1													73	73	49	34																		
30 / 29	.4	2.7	2.7	.4														36	36	65	39																		
28 / 27	.3	3.0	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	.6	3.3	.4	.1														32	32	34	52																		
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	4.7	.3															37	37	35	30																		
10 / 9	.7	3.5	.7															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	39																		
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	.5																	6	6	10	17																		
-8 / -9	.3																	7	7	7	27																		
-10 / -11	.7																	5	5	5	13																		
Element (X)	Σ x ²			Σ x			$\bar{x}$	s_x	No. Obs.			Mean No. of Hours with Temperature															Total												
Rel. Hum.												≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																						
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

63447 KANSAS CITY INTL MO
STATION 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			
66 / 65										.1								1	1					
64 / 63									.1									1	1					
60 / 59							.1	.1										2	2					
58 / 57				.1			.1	.3										5	5					
56 / 55				.1		.3	.5	.1										8	8					
54 / 53					.4	.3	.1											6	6					
52 / 51					.3	.5	.4											9	9	2				
50 / 49				.1	.4	.3	.7											8	8	2				
48 / 47			.7		.7	.4												10	10	2	1			
46 / 45			.4	.4	.7	.8												17	17	7	0			
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	.9	.1												35	35	18	5			
38 / 37		1.7	.5	2.2	.4	.3												39	39	39	4			
36 / 35	.5	2.0	1.2	1.6	.6	.1												45	45	61	11			
34 / 33	.5	1.7	2.2	1.3	.7													48	48	57	19			
32 / 31	.3	1.7	2.6	2.3	.3													53	53	40	40			
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	1.3	1.1	.9														30	30	48	63			
24 / 23		1.7	1.2	.5														26	26	31	25			
22 / 21	.3	1.2	1.3	.3														23	23	30	44			
20 / 19	.1	2.4	1.9															33	33	26	50			
18 / 17	.1	1.7	2.2															30	30	29	27			
16 / 15	.1	2.3	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	2			
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								Total			
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

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

[illegible]

PSYCHROMETRIC SUMMARY

03647	KANSAS CITY INTL MO
STATION	STATION NAME

74-51

YEARS

J.A.
 MONTH

PAGE 2 1570-1700
HOURS: S. T.

[illegible]

GLOBAL CLIMATE DATA
USAF/TAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO
STATION STATION NAME

74-01

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				
51 / 55			.3				.1											3	3						
44 / 52		.1		.4		.3												6	6	1					
52 / 51			.1	.3	.1	.6												8	8	2					
51 / 47				.1	.6	.4	.1											7	7						
47 / 47				.1	.7													4	4	5					
47 / 45				.1	.7	.1												13	13	1					
44 / 43			.1	1.1	.													13	13	7	4				
41 / 41		.3	.3	1.7	1.1													27	27	9	1				
41 / 37		.1	2.3	1.9	.7	.4												36	39	16	1				
37 / 37	.1	1.2	1.6	2.6	.1													42	42	25	6				
37 / 35		.1	2.3	2.3	.3													45	45	41	13				
34 / 33	.4	1.7	2.7	1.7	.7													51	51	48	11				
33 / 31			3.6	3.2	.3													54	54	61	32				
31 / 29	.7	2.4	1.7	.9														48	48	66	45				
29 / 27	.9	1.9	.9	1.1														35	35	61	54				
27 / 25	.1	2.0	2.4	.4														37	37	27	54				
24 / 23		2.5	1.2															28	28	39	21				
22 / 21	.3	1.6	2.1	.1														30	30	43	44				
20 / 19	.3	1.7	2.6															34	34	27	62				
19 / 17	.4	1.9	1.1															32	22	27	32				
17 / 15	.1	2.3	1.1															30	30	31	32				
14 / 13		3.1	.3															24	24	26	28				
12 / 11	.1	4.1	.9															35	35	29	24				
10 / 9	.3	3.0	.1															25	25	36	29				
8 / 7	.1	2.6																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	25				
-6 / -7	.1																	1	1	6	14				
-8 / -9	.3																	2	2	2	10				
-10 / -11																					4				
Element (X)	Σx^2		Σx		$\bar{x}$	σ_x	No. Obs.		Mean No. of Hours with Temperature																
Rel. Hum.									$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total										
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH
1000-2000
HOURS (L. S. T.)

[illegible]

JOURNAL OF THE AMERICAN
 SOCIETY OF CLIMATE ENGINEERS
 AND METEOROLOGISTS
 AIR WEATHER SERVICE/FAO

PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO 74-51 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 1 2100-2300
 HOURS T.C. 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		.4	.4			.5												10	10					
52 / 51			.5															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	3			
42 / 41		.5	.4	.1	.1	.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	1			
36 / 35	.3	1.5	3.0	2.2	.3													53	53	21	7			
34 / 33	.5	2.3	1.7	1.3														44	44	31	3			
32 / 31	.3	3.5	4.2	.1														63	63	53	29			
30 / 29	.4	2.3	3.5	.1														47	47	68	35			
28 / 27	.4	2.3	.5															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	38			
22 / 21	.4	1.7	.9															23	23	43	39			
20 / 19	.3	4.7	2.0															52	52	32	70			
18 / 17	.4	2.4	.8															27	27	35	35			
16 / 15		1.9	1.1															22	22	36	32			
14 / 13	.1	1.9	.3															17	17	19	15			
12 / 11	.1	3.0	.4															26	26	17	35			
10 / 9	.1	3.3	.1															24	24	29	25			
8 / 7		3.9																26	28	27	27			
6 / 5		2.1																23	23	34	15			
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	.5																	6	6	9	15			
-8 / -9	.5																	4	4	4	12			
-10 / -11																					5			
Element (X)	ΣX ²		ΣX		Σ		Σ ₂		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																								

PSYCHROMETRIC SUMMARY

03047	KANSAS CITY INTL MO
STATION	STATION NAME

74-11

JAN
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				
-12/-17																					3				
-14/-15																					11				
-16/-17																					9				
-16/-19																					1				
-20/-21																					2				
TOTAL	3.0	1.7	2.6	0.6	2.7	1.1	.3												744	744	744				
																			744	744	744				

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

74-51

YEARS

JA:

MONTH

PAGE 1

ALL

NOV 15 1964

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 / 67					0													2	2					
66 / 65					0													1	1					
64 / 62																		1	1					
62 / 59								.1										0	6					
58 / 57				.1			.1	.1										15	15					
56 / 55		.1	.1	.1		.1	.2	.1										23	23					
54 / 53		.1	.1	.1		.4	.1	.1										47	47					
52 / 51		.1	.1	.1	.1	.3	.1											45	45	12	0			
50 / 49		.1		.1	.1	.2	.1											33	33	13	0			
48 / 47		.1	.1	.1	.1	.2												41	41	23				
46 / 45	.1	.1	.1	.3	.4	.3												72	72	20	15			
44 / 43		.2	.2	.6	.7	.2	.1											103	103	61	9			
42 / 41		.4	.4	1.2	.5													155	155	69	11			
40 / 39		.5	1.3	1.4	.4	.2												209	209	84	17			
38 / 37	.1	.9	1.2	1.6	.2	.2												251	251	157	36			
36 / 35	.2	1.6	2.1	1.4	.2	.2												330	330	264	58			
34 / 33	.5	2.2	2.2	1.2	.7	.0												363	363	352	96			
32 / 31	.5	3.6	2.4	.8	.1	.0												502	502	400	244			
30 / 29	.7	2.5	2.1	.7														329	329	505	347			
28 / 27	.5	2.2	1.3	.5														265	265	453	336			
26 / 25	.4	2.5	1.7	.5														300	300	323	380			
24 / 23	.2	2.3	1.1	.2														223	223	245	293			
22 / 21	.7	1.8	1.1	.1														220	220	300	348			
20 / 19	.4	2.9	1.4	.0														262	262	220	453			
18 / 17	.5	2.5	1.1															246	246	257	253			
16 / 15	.5	2.7	1.1															253	253	265	280			
14 / 13	.5	2.9	.6															232	232	232	244			
12 / 11	.4	3.0	.4															224	224	252	210			
10 / 9	.5	2.9	.2															212	212	247	214			
8 / 7	.2	2.9	.0															176	176	231	210			
6 / 5	.2	2.2																128	128	174	159			
4 / 3	.3	2.2																146	146	150	198			
2 / 1	.3	2.1																142	142	147	311			
0 / -1	1.5	.6																122	122	151	183			
Element (X)	Σx²			Σx			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																								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/KAL

PSYCHROMETRIC SUMMARY

03947

KANSAS CITY INTL

74-1

FE-

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0000

HOURS (L, S, T, Z)

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																		
61 / 49				.1		.7												3	3																		
58 / 57		.4				.4	.7											8	8	1																	
56 / 55			.1				.7											3	3	3																	
54 / 53		.1		.3	.4	.1	.4	.1										11	11	3	4																
52 / 51		.1		.3	1.0	.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	2																
44 / 43		.7	1.0	.1														19	19	22	2																
42 / 41		.3	.4	1.6	.4													20	20	12	10																
40 / 39	.3	.7	1.2	1.2	.4													29	29	19	10																
38 / 37	.4	1.3	.9	.6	.1													23	23	20	21																
36 / 35	.6	2.4	2.9	.7														45	45	40	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	40																
28 / 27	.6	4.7	.9															37	37	50	40																
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															33	33	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	25																
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	9																
Element (X)	Σ X ²				Σ X		X	e _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																																					

PSYCHROMETRIC SUMMARY

02947	KANSAS CITY INTL MO
STATION	STATION NAME

74-61

YEARS

FEB
MONTH

PAGE 7 0630-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

0300-0500
HOURS: M-F, S-T, L

[illegible]

PSYCHROMETRIC SUMMARY

27947	KANSAS CITY INTL MO
STATION	STATION NAME

74-51

YEARS

FE 5

MONTH

PAGE 2

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

[illegible]

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

PSYCHROMETRIC SUMMARY

YEARS

FF.

7600-1040

HOURS S. T.

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

0600-0800

HOURS (L. S. T.)

[illegible]

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

PSYCHROMETRIC SUMMARY

HOURS 11 A.M. - 5 P.M.

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 / 64								.1										1	1						
60 / 67								.1										1	1						
66 / 65			.1					.1										2	2						
64 / 63			.1	.3			.1											4	4						
62 / 61						.1	.1											2	2	2					
60 / 59		.1						.1		.1								3	3						
58 / 57						.7	.1	.3										5	5	3					
56 / 55		.1	.1			.7	.1	.1	.1									10	10	1	1				
54 / 53		.1	.3	.1	.4	.1	.3											14	14	4	2				
52 / 51			.3	.1	.4	.4		.1										10	10	3	2				
50 / 49			.3	.1	.3	1.3												12	12	3					
48 / 47		.4	.6	.1	.4	.3												16	16	6	2				
46 / 45		.4	.1	.7	.4	.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	2.3	.7													32	32	28	12				
40 / 39	.3	.4	1.3	1.8	.4													29	29	22	13				
38 / 37		1.3	1.9	2.4	.1													31	31	28	12				
36 / 35	.2	1.5	1.5	.7														29	29	47	9				
34 / 33	.6	1.7	2.2	.9														38	38	39	26				
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	36	45				
24 / 23		2.5	.4															20	20	38	35				
22 / 21	.4	2.7	1.0															28	28	30	37				
20 / 19		3.7	1.5															39	35	21	50				
18 / 17	.3	2.7	.6															24	24	32	30				
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	10				
10 / 9	.1	2.4	.1															13	18	21	26				
8 / 7		1.6																11	11	10	20				
6 / 5		1.2																8	9	12	11				
4 / 3		.7																5	5	8	20				
Element (X)	Σ x²		Σ x		Σ		Σ²		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																									

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

74-101

YEARS

FFD

MONTH

PAGE 2 0920-1100
HOURS 11.5.11

HOURS: 5 T

[illegible]

GLOBAL CLIMATOLOGY SECTION
USAFETAC
AIR WEATHER SERVICE/AF

PSYCHROMETRIC SUMMARY

03547 KANSAS CITY INTL MO 74-21 YEARS FEB MONTH

PAGE 1 12 13-14 15
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	.1	.1	.1	.1	.1						11	11																				
62 / 61				.1	.1		.1	.1	.1	.1	.1	.1						18	18	3																			
60 / 59			.1	.1		.1	.1	.1	.1	.1	.1							15	15																				
58 / 57			.1			.1	.1	.1	.1	.1	.1							11	11	3	7																		
56 / 55			.1	.1	.1	.1	.1	.1	.1	.1								11	11	7	15																		
54 / 53		.1	.1			.1	.1	1.2	1.5									23	23																				
52 / 51			.1	.1		.1	.1	1.5	.1									14	14	7	21																		
50 / 49		.1	.1	.1		.1	.1	.1	.1									19	19	7	26																		
48 / 47	.1	.1	.1	.1	.1	1.2	.1	.1										23	23	12	35																		
46 / 45	.1	.1	.1	1.1	1.1	.1												27	27	26	53																		
44 / 43	.1	.1	.1	.1	.1	.1	.1											16	16	38	54																		
42 / 41		.1	.1	.1	1.2	1.2												27	27	32	59																		
40 / 39		.1	1.2	1.6	.1													27	27	34	61																		
38 / 37	.1	.1	1.5	1.5	.1													33	33	32	65																		
36 / 35	.1	.1	1.2	1.6	.1													35	35	31	66																		
34 / 33		1.3	1.1	1.3														23	23	33	56																		
32 / 31		3.1	2.1	1.8														51	51	45	96																		
30 / 29	.1	2.5	1.3	.1														35	35	49	119																		
28 / 27	.1	1.8	2.4															33	33	42	108																		
26 / 25	.1	2.4	2.5	.1														40	40	39	119																		
24 / 23		.1	.1															10	10	36	46																		
22 / 21		1.5	2.4															26	26	21	57																		
20 / 19		3.4	3.1															44	44	26	70																		
18 / 17		.7	2.2															20	20	35	55																		
16 / 15		2.1	.1															18	18	23	41																		
14 / 13		1.5	.1															15	15	26	41																		
12 / 11		1.8	.1															14	14	10	24																		
10 / 9		.9	.1															7	7	17	24																		
Element (X)	Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X		
Rel. Hum.																																							
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

PSYCHROMETRIC SUMMARY

0347	KANSAS CITY INTL MO
STATION	STATION NAME

74-51

YEARS

FE -

PAGE 2

1200-1400
HOURS L. S. T.

[illegible]

GLOBAL CLIMATE DATA
USAFETAC
AIR WEATHER SERVICE KANSAS

PSYCHROMETRIC SUMMARY

STATION 7447 KANSAS CITY INTL MO
STATION NAME

74-51

YEARS

FEB

MONTH

PAGE 1

1976-1977

HOURS 11.5.1.

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 / 72										.1	.1							2	2																
74 / 72								.7		.1								3	3																
76 / 72											.7	.3						4	4																
78 / 69							.1				.1	.1						3	3																
80 / 67						.1			.1	1.2	.3	.1						13	13																
82 / 65						.1	.7		.2	.3	.3							16	16																
84 / 63				.1	.7	.1	.7		.7	.4								11	11																
86 / 61					.4		.7	.1										6	6																
88 / 59			.1	.1	.1		1.7	1.2		.3								22	22																
90 / 57			.1	.4	.1	.3	.6	.4	.7									16	16		7														
92 / 55			.1	.3	.7	.3	1.6	.6										24	24		6														
94 / 53				.8		.4	1.2											15	15		9														
96 / 51	.4		.1	.1	.4	.9	.7	.1										17	17	20	5														
98 / 49				.1	.7	1.6	.1											15	15	19	9														
100 / 47			.7	.4	1.7	.4	.1											19	19	30	4														
102 / 45		.3	.1	.1	1.2	.4												15	15	15	8														
104 / 43				1.8	.4	1.6												28	28	32	5														
106 / 41		.1	.7	.7	.4	.3												16	16	31	10														
108 / 39		.7	.4	.9	.7													18	18	28	7														
110 / 37	.4	1.5	1.5	2.9	.1	.1												45	45	40	15														
112 / 35		1.3	2.1	1.6	.3													36	36	24	15														
114 / 33		1.2	1.6	1.3														28	28	40	30														
116 / 31	.3	3.3	1.9	1.6	.1													43	43	50	47														
118 / 29	.1	2.4	2.7	.9														41	41	46	56														
120 / 27	.4	1.6	1.2	.3														24	24	36	58														
122 / 25	.1	2.2	2.5	.4														36	36	46	40														
124 / 23		.9	2.1															20	20	26	26														
126 / 21		.3	2.9															21	21	25	51														
128 / 19		1.3	3.7															32	32	28	38														
130 / 17		1.9	1.5															25	25	22	34														
132 / 15		1.5	1.9															23	23	30	29														
134 / 13		1.2	1.7															15	15	25	22														
136 / 11	.3	.4																5	5	16	22														
138 / 9			.4															3	3	10	21														
Element (X)	ΣX^2			ΣX			$\bar{X}$	σ_x	No. Obs.			Mean No. of Hours with Temperature										Total													
Rel. Hum.												$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$			Total															
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

13447	KANSAS CITY INTL MO
STATION	STATION NAME

74-21

F E R
MONITOR

PAGE 2 1576-1700
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					
7		0.3																2	2	2	30					
6		0.3																2	2	3	21					
5		0.3																2	3	4	19					
4		0.3																4	4	4	10					
3		0.3																								
2		0.3																								
1		0.3																								
0		0.3																								
-1		0.3																								
-2		0.3																								
-3		0.3																								
-4		0.3																								
-5		0.3																								
-6		0.3																								
-7		0.3																								
-8		0.3																								
-9		0.3																								
-10		0.3																								
-11		0.3																								
TOTAL	7.1	23.3	33.1	14.6	7.5	6.3	4.5	2.8	1.6	2.5	1.2	.6						678	678	678	678					

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

PSYCHROMETRIC SUMMARY

03447	KANSAS CITY INTL MO
STATION	STATION NAME

74-51

YEARS

FEU

PAGE 1

1009-2240

NOV 15 1954

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			
50 / 50							.1											1	1					
60 / 67							.1		.1	.1								3	3					
66 / 65						.1			.1		.1							3	3					
64 / 63					.7				.4		.1							6	6					
62 / 61					.1	.3		.1			.1							5	5					
60 / 59			.7			.4	.1	.1		.1								5	6					
58 / 57			.3	.2		.4	.4	.6										14	14	1				
56 / 55				.2	1.0	.1	1.2	.1	.1									21	21	3				
54 / 53			.1	.6		.2	.7	.1										13	13	3	1			
52 / 51	.3		.4	.1	.4	.6	.4											19	19	7	3			
50 / 49	.1	.1	.4	.1	.1	1.2	.1	.1										16	16	15	6			
48 / 47		.3	.1	.6	1.0	.7	.1											20	20	20	3			
46 / 45			.1	.5	.6	.7												14	14	16	5			
44 / 43		.4	.4	1.5	.3	.1												19	19	22	7			
42 / 41		.3	.4	1.1	.3													16	16	23	12			
40 / 39		1.2	2.4	1.5	.6													38	38	26	12			
38 / 37	.3	1.9	2.1	1.2	.4													40	40	34	6			
36 / 35	.3	.7	1.5	1.5														26	26	50	20			
34 / 33		2.7	2.7	.7														41	41	38	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	50			
28 / 27	.1	2.5	1.5	.3														30	30	36	42			
26 / 25	.7	3.5	1.6	.3														42	42	41	45			
24 / 23		1.5	1.1	.1														18	18	37	40			
22 / 21		1.4	1.2															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	25	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)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Ref. Num.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO
STATION STATION NAME

74-31

YEARS

FEB

MONTH

PAGE 1 0100-2300
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		.7	.1	.2		.1									10	10	8				
54/ 53				.1	.7	1.2	.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	1.2	.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	1.4														32	33	24	18			
36/ 35	.7	2.2	2.4	.4														39	39	43	12			
34/ 33	.1	2.6	2.2	.6														47	47	51	25			
32/ 31	.1	2.7	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	46			
24/ 23		3.2	1.5	.1														33	33	23	40			
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	20	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		1.2																7	7	10	25			
2/ 1		.4																3	3	1	22			
0/ -1	.4	.3																5	5	6	13			
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

CENTRAL OBSERVATORY STATION
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0347 KANSAS CITY INTL MO
STATION STATION NAME

74-01

YEARS

FEB
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	.7																	2	2	4	2
-6/-7																					
-8/-9																					
-10/-11																					
-12/-13																					
-14/-15																					
-16/-17																					
TOTAL	4.4	52.8	21.0	5.7	4.7	5.5	1.5	.1	.7									670	678	678	678
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature												Total
Rel. Hum.	3357033		46734		68.9	14.122	676		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							64
Dry Bulb	733915		20143		29.7	14.146	678		1.2	48.1											64
Wet Bulb	583935		18143		26.6	12.334	678		1.4	55.5											64
Dew Point	391022		13558		20.1	13.134	678		6.4	72.7											64

03947	KANSAS CITY INTL
STATION	STATION NAME

74-01

PSYCHROMETRIC SUMMARY

F E . 1

PAGE 1

MONTH

ALL

HOURS: 11 A.M. - 5 P.M.

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

ALL

HOURS L. S. T.

[illegible]

GLOBAL CLIMATE DATA CENTER
USAFETAC
AIR WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

STATION 03947 KANSAS CITY INTL MO 74-81 YEARS MAP 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														
60 / 67				.5														4	4																
56 / 65			.1	.4			.2											9	9																
44 / 63		.1	.5		.4	.1												9	9	1															
42 / 61		.3	.7	.1	.3													10	10	10															
60 / 59		.1	.4	.5	.1	.5	.7	.1										21	21	3	10														
58 / 57		.1	.3	.4	.1	.3	.7											9	9	14	9														
56 / 55		.4	.5	.1	.3	.3	.4											15	15	9	10														
44 / 53		.4	.1	.3	.1	.3	.3											11	11	13	4														
62 / 51		.4	.5	.4	1.7	.8												26	26	12	6														
50 / 49		.5	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	6														
46 / 45		1.3	.9	.1														18	18	47	10														
44 / 43	.1	1.9	1.5	1.2	1.3	.3												45	48	44	24														
42 / 41	.3	2.0	1.9	.9	.6													42	42	44	20														
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	.3															21	21	50	62														
24 / 23		.8	.9															13	13	15	29														
22 / 21	.3	1.5	.5															17	17	23	51														
20 / 19	.4	.9	.5															14	14	10	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		15														
6 / 5		.1																1	1	2	3														
4 / 3		.4																3	3	3															
2 / 1		.1																1	1	1	7														
Element (X)	Σ X ²			Σ X			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																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

0547	KANSAS CITY INTL MO
STATION	STATION NAME

74-31

YFARS

MA 2
MONTH

PAGE 7 7000-0207
HOURS 11.5.11

[illegible]

PSYCHROMETRIC SUMMARY

0747	KANSAS CITY INTL
STATION	STATION NAME

4-11

YEARS

4. A.

PAGE : 0300-0500
HOURS : S. T.

[illegible]

U.S. SAFETY FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 7

0300-0500
HOURS U. S. T.

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

10

①

YEARS

0600-0800
HOURS

USAFSTAC FORM 0-26.3 (OLA; PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)
JUN 71

PSYCHROMETRIC SUMMARY

74-11

YEARS

5 A. L.

MONTH

PAGE 2

2600-4944

HOURS IN S. T.

[illegible]

PSYCHROMETRIC SUMMARY

03947	MEMPHIS CITY INTL MO
STATION	STATION NAME

74-51

YEARS

245

MONTE

PAGE 1 0900-1100
HOURS L. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL MO
STATION	STATION NAME

74-21

YEARS

MA 50

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	
0 / 1																					2	3
1 / 2																						3
2 / 3			.1															1	1	1	1	9
3 / 4	.1																	1	1	1	1	1
4 / 5	.1																	1	1	1	1	3
5 / 6																						1
6 / 7																						2
7 / 8																						
8 / 9																						
9 / 10																						
10 / 11																						
TOTAL	0.3	27.9	25.7	19.4	12.5	6.5	4.2	1.3	.7									743	743	743	743	

GLOBAL CLIMATELOGY ARCH
USAFETAC
AIR WEATHER SERVICE/PAK

PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO
STATION STATION NAME

74-31

YEARS

MAF
MONTH

PAGE 1 1200-1400
HOURS ... 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							
80/ 79								.1	.2		.1							4														4							
78/ 77							.1		.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					.1	.3	.1	.4	.3	.4	.1							13														13							
68/ 67			.4	.3	.3	.5	.3	.1	.3	.3	.1							21														21							
66/ 65					.1	.5	.4	.2	.7	.5	.1							25														25		7					
64/ 63			.7	.1	.4	.4	.5	.3	.5	.3								21														21		10					
62/ 61			.1	.1	1.1	.7	1.2	.7	.1	.7								29														29		10	3				
60/ 59		.7			.1	.5	1.5	.5	.4									31														31		16	7				
58/ 57		.3		.4	.4	.7	.9	.7	.7									34														34		24	4				
56/ 55		.4	.5	.3	.3	1.6	.3	.4	.1									37														37		17	17				
54/ 52		.4		1.5	.7	.7	.3	.2	.1									30														30		26	15				
52/ 51	.1	1.1	.5	1.5	.7	.3	.9											44														44		30	13				
50/ 49		.7	.3	1.5	1.1	1.5	.7											42														42		43	13				
48/ 47		.7	.3	.8	.7	1.2	.3											33														33		52	27				
46/ 45		.7	.3	.9	1.5	.7	.1											35														35		53	23				
44/ 43		.7	.3	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	1.1	1.1	.9	.1												45														45		57	26				
36/ 35		1.3	.9	1.1	.4													29														29		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		32	61				
30/ 29		2.0	1.1	.8														29														29		35	46				
28/ 27		.3	.9	.1														14														14		34	52				
26/ 25		.4	.4															6														6		28	33				
24/ 23			.1	.1														2														2		12	31				
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	20				
Element (X)	Σ X ²			Σ X			X			X			No. Obs.			Mean No. of Hours with Temperature																							
Rel. Hum.																± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F																		
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

PSYCHROMETRIC SUMMARY

0747	KANSAS CITY INTL
STATION	STATION NAME

74-11

YEARS

MAW
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATELOGY
USAFETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

07547 KANSAS CITY INTL MO 74-01
STATION STATION NAME YEARS
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			
82 / 81										.4	.1							4	4					
81 / 79								.1		.3								3	3					
78 / 77							.4		.1				.1					5	5					
76 / 75						.3	.7	.1	.7	.3			.1					13	13					
74 / 73						.3	.4		.7	.7		.1						17	17					
72 / 71						.1	.1	.2	.4	.5	.3	.1						14	14					
71 / 69					.1	.5	.4	.4	.4	.1	.7							23	20					
68 / 67			.4	.1		.4	.4	.2	.1	.3	.3							19	19	1				
66 / 65				.4	.3	.5	.4	.2	.7	.9	.1							31	31	5				
64 / 63		.1		.3	.3	1.2	.5	.5	.7	.9	.1							29	29	12	1			
62 / 61		.3		.3	.3	.8	1.2	.5	.5	.1								32	32	13	3			
60 / 59		.4	.3	.1	.4	.4	.3	1.1	.7	.3								33	33	22	5			
58 / 57		.1	.3		.7	.3	.4	.5	.2									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	.3	1.7	.3	.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	.2	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	.7	.5												32	32	55	37			
38 / 37	.1	1.3	.9	1.1	.7													31	31	38	24			
36 / 35	.1	.9	1.2	.3	.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)	Σ X'		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

03447	KANSAS CITY INTL MO
STATION	STATION NAME

74-21

YEARS

MA 2
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

GENERAL CLIMATOLOGY STATION
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03447 KANSAS CITY INTL 74-31
STATION STATION NAME YEARS
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								
79/79										.1								1	1										
76/75								.3										2	2										
74/73							.7		.4			.1						6	6										
72/71					.3	.4	.1	.3										10	10										
70/69				.1	.7	.5	.1	.4	.3		.1							15	15										
68/67			.1	.3		.5	.1	.3	.1		.1							12	12										
66/65		.3		.4	.4	.1	.5	.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	8								
58/57		.7	.1	.1	.1	.4	.5	.1	.1									19	19	13	9								
56/55	.1		.3	.3	.7	.1	.2	.2	.1									26	26	18	11								
54/53		.5	.7	1.1	.5	1.5	.5	.4										39	39	18	13								
52/51		.7	.5	.2	.4	1.2	.3											30	30	21	10								
50/49		.7	1.1	.9	.8	.2												48	48	34	15								
48/47		.4	1.3	.5	2.4	1.2	.1											44	44	51	14								
46/45		.8	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	.7	.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	.5													34	34	64	37								
36/35		1.6	2.8	1.1	.7													46	46	41	40								
34/33		.8	1.7	.3	.7													23	23	55	41								
32/31		2.1	.1	1.3														26	26	39	70								
30/29	.3	2.7	1.2	.7														31	31	48	42								
28/27	.1	2.3	1.2	.1														28	28	24	45								
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)	Σ X ²			Σ X			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																													

PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL MO
STATION	STATION NAME

74-61

YEARS

MAJ
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT: WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

07947 KANSAS CITY INTL MO 74-61 MAR
STATION STATION NAME YEARS MONTH
PAGE 1 2100-2300
HOURS L.T. S.T. 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 / 60			.1	.3	.7	.3	.3	.1										4	4		
68 / 67			.3	.4	.7	.3	.3	.1										14	14		
66 / 65		.2	.3	.4	.4	.1	.4											14	14		
64 / 63			.5	.4		.4	.3	.1	.1									14	14	6	
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	.4	.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	15	8
52 / 51	.1	.4	.7	.3	.8	1.3	.7											32	32	12	5
50 / 49	.3	.4	.9	.8	1.1	.9	.1											21	31	18	16
48 / 47		1.3	1.9	.8	.3	.7												42	43	32	11
46 / 45		1.3	1.3	1.3	1.3	.1												41	41	44	16
44 / 43		1.2	2.3	1.2	1.1													43	43	50	17
42 / 41	.1	1.3	3.2	1.2	.8	.1												51	51	46	28
40 / 39		1.9	2.2	.8	.4													42	42	49	36
38 / 37		1.3	2.3	1.5	.7													41	41	67	29
36 / 35	.4	2.7	2.5	1.2	.7													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																					18
12 / 11																					8
10 / 9																					10
8 / 7		.1																1	1		2
6 / 5		.4																3	3	3	5
4 / 3	.1	.4																4	4	5	3
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		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																					

PSYCHROMETRIC SUMMARY

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		
-4 / -5																						4		
-6 / -7																						3		
-11 / -11																						1		
TOTAL	2.2	27.6	32.7	14.4	13.3	5.7	5.7	1.7	.7											744		742		
																			745		743			

OFFICIAL CLIMATE DATA
USAFETAC
AIR WEATHER SERVICE/NAO

PSYCHROMETRIC SUMMARY

STATION 07447 KANSAS CITY INTL MO 74-81 YEARS MAR MONTH

PAGE 1 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														
62 / 51										.1	.0							5	5																
61 / 74								.1	.0	.0	.1							8	8																
71 / 77							.1	.1	.1	.1	.1	.1	.1	.1	.1			9	9																
76 / 75						.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			20	20																
74 / 72					.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			39	39																
72 / 71					.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			34	34																
71 / 69				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			57	57																
68 / 67			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			79	79																
66 / 65		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			120	120		17														
64 / 63		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			117	117		45	1													
62 / 61	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			148	148		67	17													
61 / 59	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			165	165		97	54													
58 / 57		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			170	170		120	57													
56 / 55	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			190	190		124	112													
54 / 53	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			217	217		151	73													
52 / 51	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			245	245		155	79													
50 / 49	.1	.1	1.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			274	275		207	135													
48 / 47	.1	1.2	1.1	.1	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			300	301		261	94													
46 / 45	.1	1.4	.1	1.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			263	263		334	147													
44 / 43	.1	1.4	1.5	1.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			335	335		351	169													
42 / 41	.1	1.4	1.9	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			347	347		357	273													
40 / 39	.1	1.6	2.1	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			343	343		394	263													
38 / 37	.1	1.5	1.6	1.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			294	294		431	251													
36 / 35	.1	2.2	2.1	1.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			345	348		325	275													
34 / 33	.1	2.3	2.5	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			355	355		431	371													
32 / 31	.1	3.4	2.4	1.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			422	422		464	514													
30 / 29	.1	2.6	1.7	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			307	307		446	416													
28 / 27	.1	2.3	1.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			221	221		352	360													
26 / 25	.1	1.7	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			113	113		356	432													
24 / 23	.1	.7	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			63	63		146	267													
22 / 21	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			78	78		115	353													
20 / 19	.1	.7	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			72	72		69	337													
18 / 17	.1	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			32	32		63	708													
16 / 15	.1	.6	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			36	36		46	167													
Element (X)	Σ X					Σ X					Σ X					Σ X					Σ X					Σ X									
Rel. Hum.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

STATION	KANSAS CITY INTL
STATION NAME	

74-21

YEARS

442

MONTE

2407

ALL

HOURS (L.S.T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAO

PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO
STATION STATION NAME

74-81

YEARS

APR
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			
TOTAL	0	26.1	26.1	13.7	13.7	13.6	13.9	2.4	0.4											720	720	720		

GENERAL CLIMATOLOGY
USAFETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO
STATION STATION NAME

74-01

YEARS

APR

MONTH

PAGE 1

7300-0500

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				
72 / 71				.4														5	3						
71 / 69			.6	.1	.1				.1									7	7						
68 / 67			.7	.3	.1	.1	.1	.1										14	14	3					
66 / 65		.6	1.7	.3	.1	.1	.7	.4										24	34	4	7				
64 / 63		1.7	.6	.6	.1	.1	.6											26	26	17	4				
62 / 61		1.7	.6	.6	.1	.4		.2										33	33	19	14				
60 / 59		1.9	.3	.4	1.1	.1	.1											28	28	39	26				
58 / 57	.6	1.3	1.1	.6	.2		.3											33	33	38	24				
56 / 55	.4	1.5	1.7	.3	.7	1.4	.1											43	43	37	23				
54 / 53	.4	1.7	1.4	1.4	2.4	.6												56	56	42	38				
52 / 51		1.9	1.9	1.1	1.1	.6												53	53	35	12				
50 / 49		1.9	2.2	3.5	.3	.6												56	58	36	34				
48 / 47		2.8	2.1	1.2	.6													52	52	43	42				
46 / 45		3.3	1.5	1.5	.6													52	52	76	27				
44 / 43		1.3	1.9	1.1	.1													31	31	74	43				
42 / 41		1.4	2.1	1.5	.1													37	37	46	45				
40 / 39	.3	2.5	1.2	.3														40	40	37	62				
38 / 37		1.5	1.1	.7														24	24	48	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	45				
28 / 27		.3		.4														5	5	5	23				
26 / 25		.1																1	1	3	26				
24 / 23																					1	17			
22 / 21																					2	6			
20 / 19																						2			
18 / 15		.1																1	1						
16 / 13		.3																2	2	2					
14 / 11																					1				
12 / 9																						4			
8 / 7																						2			
TOTAL	1.3	32.5	23.6	19.6	11.3	4.0	1.5	.8	.1									725	720	720	720				
Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	4040171		52927		73.5		14.422		720		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total		
Dry Bulb	1321746		35466		49.3		10.196		720				2.5		1.0										
Wet Bulb	1537671		32535		45.2		9.558		720						7.3		.4								
Dew Point	1274827		29285		41.7		10.780		720						21.6										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03447 KANSAS CITY INTL MO
STATION STATION NAME

74-81

YEARS

APR
MONTH

PAGE 1 0620-0800
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	.3	.3		.1											15	15	3				
66 / 65		.4	1.1	1.3	.4	.3	.4	.1										29	29	3	3			
64 / 63		1.3	.4	2.1	.7	.6	.3											37	37	21	7			
62 / 61		1.9	.6	1.1	.7	.4												36	36	19	17			
60 / 59		1.9	.7	.8	.6	.4	.1											35	36	34	17			
58 / 57	.4	1.4	.4	.7	.4	.4	.3											30	30	38	30			
56 / 55	.3	1.5	1.5	1.4	1.3	.7												48	48	34	31			
54 / 53	.1	1.3	1.7	1.7	.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	24			
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														50	50	74	43			
42 / 41	.1	1.5	1.3	1.3														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	2.2	.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	2	3			
10 / 9																					1			
8 / 7																					1			
6 / 5																					1			
Element (X)	Σ X ²		Σ X		X	C _x		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																								
Wet Bulb																								
Dew Point																								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AYAC

PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO
STATION STATION NAME

74-81

YEARS

APR
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
64/ 43											.1	.1						2	2		
61/ 40						.3												2	2		
75/ 77						.1	.1	.1	.1	.3								6	6		
76/ 75				.4	.4	1.7	.1	.3	.4	.1								21	21		
74/ 73				.7	.4	.4	.1	.6	.3									15	15		
72/ 71			.3	.4	1.7	.4	.7	1.1	.2	.3								40	40		
70/ 69			.7	.6	.7	.6	1.0	.3	.3									29	29	7	
68/ 67		.3	.7	.6	1.3	1.3	1.4	1.4	.4	.1								50	50	15	3
66/ 65		.6	.6	.4	1.1	.7	1.4	.3	.1	.1								38	38	21	12
64/ 62		.3	.4	.6	.4	.4	.6	.3	.4									28	28	22	16
62/ 61		.4	.7	.6	.8	1.4	1.6	1.1										49	49	31	16
61/ 59		1.9	1.1	.4	1.7	.7	2.2	.7										59	59	26	23
59/ 57		1.7	1.3	.6	1.3	1.7	1.3	.3										45	48	59	40
58/ 55	.2	1.3	.7	1.1		1.3	1.3											44	44	50	23
54/ 53		1.5	.7	1.1	1.3	.6	.7											44	44	45	32
52/ 51	.2	.1	.3	1.9	1.4	1.1												41	41	45	35
50/ 49		.6	1.3	1.7	1.7	.6												42	42	51	33
48/ 47		1.5	1.3	1.1	1.7	.1	.1											40	40	60	40
48/ 45		1.3	1.1	1.1	.3	.1												28	28	65	42
44/ 43		1.3	1.4	1.1	.6	.1												32	32	51	47
42/ 41		1.4	.6	.1	.1													15	15	51	45
41/ 39		.3	.4	.3														7	7	32	56
38/ 37		.1	.5	.7	.1													13	13	20	38
38/ 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/ 26				.1														1	1	2	30
28/ 27		.1																1	1		20
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)	Σ X ²		Σ X		Σ		Σ		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																					

PSYCHROMETRIC SUMMARY

03447	KANSAS CITY INTL MO
STATION	STATION NAME

74-81

YEARS

APR
MONT

PAGE 2

7900-1100

HOUS. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

03047	KANSAS CITY INTL MO
STATION	STATION NAME

74-01

YEARS

APR
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR 6

MONTH

HOURS		S	T

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

07047 KANSAS CITY INTL MO
STATION STATION NAME

74-01

YEARS

APR
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																					
86 / 85														.1													.1						1	1								
84 / 83								.1					.1	.1													.1					3	3									
82 / 81							.1	.1				.1	.1																			5	5									
80 / 79					.1	.1	.1	.1				.1	.1																			6	6									
78 / 77				.1	.1		.1	.1	.1	.1	.1	.1	.1																			13	13									
76 / 75				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																			21	21									
74 / 73				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																			22	22									
72 / 71			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																		40	40	2								
70 / 69				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	40	40	6								
68 / 67		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																37	37	14	4							
66 / 65			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																47	47	19	5							
64 / 63		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1															51	51	20	11							
62 / 61		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1															65	65	44	24							
60 / 59	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1															53	53	50	33							
58 / 57		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1															48	48	36	33							
56 / 55		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1															37	37	60	38							
54 / 53		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1															33	33	55	26							
52 / 51	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1															43	43	47	21							
50 / 49		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1															34	34	48	28							
48 / 47		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1															28	28	68	30							
46 / 45	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1															22	22	70	39							
44 / 43		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1															17	17	46	45							
42 / 41		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1															20	20	31	47							
40 / 39		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1															14	14	26	41							
38 / 37		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1															7	7	21	60							
36 / 35		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1															5	5	22	37							
34 / 33		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1															3	3	14	51							
32 / 31		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																	3	61							
30 / 29		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																		33							
28 / 27		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																		1	18						
26 / 25		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1															2	2		17							
24 / 23		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1															1	1	3	5							
22 / 21		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																		3							
20 / 19		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																		4							
Element (X)	ΣX^2					ΣX					$\bar{X}$					σ^2					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																																										

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

74-21

YEARS

AD.
MONY

PAGE 2

1973-2007

[illegible]

GENERAL CLIMATOLOGICAL STATION
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 17047 KANSAS CITY INTL MO
STATION NAME

74-01

YEARS

PAGE 1 21 06-23 07
HOURS U.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 / 71				.3		.7													4	4				
74 / 73				.6		.3				.1									13	13				
72 / 71			.1	.3	.3	.3	.3	.3	.6										15	15				
70 / 69			.4	1.4	.3	.6	.1	.6	.3	.1									36	36	4			
68 / 67			.3	.3	.7	1.7	.3	.1	.4										28	28	4	1		
66 / 65			1.1	1.7	.7	.5	.3	.4											34	34	14	4		
64 / 63		.6	1.4	.3	.6	.6	.1												25	25	17	7		
62 / 61		1.3	1.4	.4	.3	1.7	1.7	.3											47	47	20	14		
60 / 59		1.3	.6	.6	1.3	1.1	.3	.7											52	52	47	34		
58 / 57	.1	1.1	.7	1.7	1.1	3.5	1.7												61	61	50	37		
56 / 55	.7	1.2	1.1	1.7	1.7	1.9	.3												60	60	31	35		
54 / 53		.6	1.1	1.4	2.4	1.4	.6												53	53	51	21		
52 / 51		.7	1.4	.3	1.3	1.3													39	39	35	27		
50 / 49	.1	.8	1.7	1.3	1.1	1.3													43	43	65	27		
48 / 47		1.3	.3	1.4	1.7														41	41	63	25		
46 / 45		2.3	.3	1.7	1.3		.1												43	43	67	43		
44 / 43		1.1	.3	.3	.6	.1	.1												25	25	61	45		
42 / 41		.3	2.7	.3		.4													20	20	40	53		
40 / 39		.7	2.5	.3															29	29	37	56		
38 / 37		.7	.3	.3															17	17	31	40		
36 / 35		.7	.7	.1															11	11	29	55		
34 / 33		1.3	.6																10	10	21	34		
32 / 31		.1	.3	.3															5	5	15	56		
30 / 29			.1																1	1	3	31		
28 / 27																						1	23	
26 / 25																						3	16	
24 / 23		.1																	1	1				
22 / 21		.1																	1	1	1			
20 / 19		.1																	1	1	2			
18 / 17																								
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						Total		
Rel. Hum.																$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	Total		
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

0747	KANSAS CITY INTL MO
STATION	STATION NAME

74-51

YEARS

AF -
MONTH

PAGE 2

7100-2300
HOURS 11.5. T.

[illegible]

PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL MO
STATION	STATION NAME

74-61

YEARS

DEFINITION

MONTH

PAGE 1

441

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 / 66															.1			3	7					
62 / 67													.1	.1	.1			9	9					
64 / 68									.1	.1	.1	.1	.1	.1	.1			15	15					
66 / 69								.1	.1	.1	.1	.1	.1	.1	.1			25	25					
68 / 71						.1	.2	.2	.2	.2	.2	.1	.1	.2				34	34					
70 / 72				.1	.2	.3	.3	.3	.3	.3	.1	.1	.2					53	53					
72 / 73				.2	.3	.4	.4	.4	.4	.3	.1	.2						77	77					
74 / 75			.1	.2	.3	.4	.4	.4	.4	.3	.1	.2	.7					115	115					
76 / 77			.2	.3	.4	.5	.5	.5	.5	.4	.2	.1						128	128					
78 / 78			.3	.4	.5	.6	.6	.6	.6	.5	.3	.1						193	193	28				
80 / 69			.4	.5	.6	.7	.7	.7	.7	.6	.4	.1						221	221	60	1			
82 / 67		.1	.5	.6	.7	.8	.8	.8	.8	.7	.5	.2	.1					249	249	73	24			
84 / 65		.2	.6	.7	.8	.9	.9	.9	.9	.8	.6	.3	.2					335	335	129	61			
86 / 63		.3	.7	.8	.9	1.0	1.0	1.0	1.0	.9	.7	.4	.2					312	312	219	68			
88 / 61		1.4	.9	.7	.6	.7	1.0	1.0	.1	.1								357	357	254	151			
90 / 59	.1	1.7	.6	.6	.7	.6	1.1	.8	.2									339	339	324	229			
92 / 57	.2	1.1	.9	.6	.6	.6	1.5	.8	.3									340	340	355	267			
94 / 55	.3	1.4	.9	.6	.6	1.0	1.2	.5	.1	.7								356	356	352	252			
96 / 53	.1	1.0	.8	1.0	1.0	1.0	1.0	.5	.1	.1								336	336	367	252			
98 / 51	.1	.9	1.0	1.2	1.2	.9	.1	.1										329	329	356	192			
100 / 49	.1	.9	1.0	1.3	.9	.9	.1	.1										330	330	396	248			
42 / 47		1.4	1.3	.2		.1	.1											268	268	491	249			
44 / 45	.1	2.2	1.1	1.5	.4	.3	.3											304	304	486	297			
46 / 43		1.0	1.5	1.3	.3	.3	.3											233	233	447	346			
48 / 41	.7	.3	1.1	.9	.1	.1												174	174	292	457			
50 / 39	.1	1.2	1.4	.5	.1	.2												158	158	292	423			
52 / 37	.1	.7	.7	.5	.1													112	112	235	402			
54 / 35	.1	.9	1.1	.1														124	124	176	391			
56 / 33	.1	.9	.9	.1														108	108	146	366			
58 / 31		.3	.3	.1														38	38	140	439			
60 / 29		.1	.7	.3														9	9	59	245			
62 / 27		.1	.7	.1														12	12	16	167			
64 / 25		.2	.1															13	13	12	123			
66 / 23		.1																6	6	20	66			
Element (X)	Σ X ²		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature													
Rel. Num.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

GLOBAL CLIMATE SYSTEM
USAFETAC
AIR WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

STATION 03647 KANSAS CITY INTL MO STATION NAME 74-11 YEARS APR 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													
22 / 21		.0																1	1	5	39													
21 / 19		.1																3	3	2	27													
18 / 17		.0																1	1	3	11													
16 / 15		.1																3	3	2	8													
14 / 13		.0																2	2	2	6													
14 / 11		.0																2	2	3	10													
11 / 9																					12													
8 / 7																					4													
6 / 5																					1													
TOTAL		19.4	19.1	16.4	17.1	13.5	8.0	6.4	3.7	1.7	.8	.5	.2	.1	.1				5759		5759													
																			5759		5759													
</																																		

PSYCHROMETRIC SUMMARY

JS47	KANSAS CITY INTL
STATION	STATION NAME

4-51

YEARS

MAY

MONTH

PAGE 1

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

[illegible]

PSYCHROMETRIC SUMMARY

UNCLAS	KANSAS CITY INTL
STATION	STATION NAME

74-51

YEARS

MAY

MONTH

PAGE 1 0300-0500
HOURS IS. S. T. I

[illegible]

PSYCHROMETRIC SUMMARY

03447 KANSAS CITY INTL
STATION STATION NAME

74-61

YEARS

MAY
MONTH

PAGE 1 6600-0000
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 / 77				.1	.1													2	2						
76 / 75			.1	.4	.4	.1												8	6						
74 / 73			.3	1.0	.3													16	16						
70 / 71		.4	1.2	1.6	.2													26	26	3	1				
70 / 69		.3	2.0	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	2.2	1.3	.3	.1	.1											60	50	35	4				
64 / 63	.3	4.3	1.7	.9	1.2	.1												63	65	63	42				
62 / 61	.3	3.9	1.9	1.2	.7	.2												62	62	65	50				
62 / 59	.1	3.2	2.7	1.5	.7	.4												59	59	47	63				
58 / 57	.3	3.2	2.0	1.5	1.0	.1												66	66	62	45				
56 / 55	.7	2.4	.9	1.6	.7													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	1.1	.3	.1												65	65	54	57				
50 / 49		1.9	1.9	.7	.3													35	35	60	45				
48 / 47		1.7	.9	.7	.3													26	26	62	40				
48 / 45		1.2	.9	.7	.3													23	23	34	57				
44 / 43		1.2	1.5	.1														21	21	26	39				
42 / 41		.5	.7		.1													10	10	16	43				
40 / 39		.1	.3															3	3	23	24				
38 / 37		.1	.3	.1														4	4	7	13				
36 / 35			.3															2	2	4	16				
34 / 33			.1															1	1	3	17				
32 / 31																				2	17				
30 / 29		.1																1	1	1	3				
28 / 27																					3				
26 / 25																					3				
TOTAL	2.1	35.9	51.2	15.8	9.3	1.9	.1											744	744	744					
																		744		744					
Element (X)	Σx²		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel. Hum.	4321751		59219		79.612.067		744		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total				
Dry Bulb	2583345		43377		58.3 8.314		744						.1 16.0		3.3						93				
Wet Bulb	2283152		43756		54.8 8.241		744						.4 6.4								93				
Dew Point	2153468		33546		51.8 9.456		744						2.9 1.8								93				

PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL MO
STATION	STATION NAME

74-51

YEARS

MAY

MONTH

PAGE 1 0900-1100
HOURS U. S. T. 1

[illegible]

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

37047 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		
51 / 51											.1							1	1				
52 / 50								.1		.3								3	3				
53 / 49							.7		.1	.7								10	10				
54 / 48						.5	.5	.8	1.1	.4	.3							27	27				
55 / 47					.1	.1	1.2	1.5	.8		.1	.1						31	31				
56 / 46					.3	.5	3.4	.9	.7	.3	.5	.7		.1				51	51				
57 / 45				.3	.6	2.6	1.7	1.1	1.2	.3	.7	.3	.3					69	69				
58 / 44				.4	1.4	.9	1.1	1.0	.7	.8	.1							58	58				
59 / 43				.3	2.2	.7	.9	1.2	.8	1.3								55	55	11			
60 / 42			.4	.6		.4	1.1	1.1	.7	.9	.1							47	47	20			
61 / 41			.9	1.3	.1	2.2	1.2	2.4	1.9	.8	.3							87	87	45	5		
62 / 40		.1	.5	.1	.8	.5	.3	2.2	.3	.4	.1							42	42	73	22		
63 / 39		.1	1.1	.9	1.6	.3	1.8	.6	.9	.4	.1							58	58	64	31		
64 / 38		2.2	.6	.7	.9	.9	1.2	.8	.5	.1								59	59	53	49		
65 / 37		.7	.4	.5	.9	.3	.9	1.3	.1									39	39	67	69		
66 / 36	.1	.1	.4	.4	.4	.5	.7	.3										22	22	69	69		
67 / 35		1.2	.4	.1	.1	.4	.1	.4	.4									24	24	54	35		
68 / 34		.3	.4		.3	.9		.1										18	18	72	43		
69 / 33		1.2	.1			.1	.7											16	16	74	59		
70 / 32		.8	.1			.1	.1											9	9	42	57		
71 / 31		.1	.1		.4	.5												9	9	26	35		
72 / 30		.3																2	2	30	38		
73 / 29		.5	.1															5	5	10	35		
74 / 28		.1	.1															2	2	13	43		
75 / 27																				9	46		
76 / 26																				5	22		
77 / 25																					20		
78 / 24																					22		
79 / 23																					16		
80 / 22																					11		
81 / 21																					9		
82 / 20																					7		
83 / 19																					7		
84 / 18																					1		
Element (X)	Σ X ²		Σ X		Σ		Σ		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																							

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

74-51

YEARS

MAY
MONTH

PAGE 2

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

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAO

PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO 74-01 MAY
STATION STATION NAME YEARS MONTH
PAGE 1 1800-2000
HOURS (L, S, T, 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																		4		4								
84/ 83																		5		5								
82/ 81																		23		23								
80/ 79																		39		39								
78/ 77																		38		38								
76/ 75																		61		61								
74/ 73																		54		54	14							
72/ 71																		59		59	21							
70/ 69																		73		73	53							
68/ 67																		58		58	67							
66/ 65																		61		61	65							
64/ 63																		69		69	55							
62/ 61																		56		56	63							
60/ 59																		44		44	65							
58/ 57																		33		33	67							
56/ 55																		25		25	69							
54/ 53																		16		16	65							
52/ 51																		9		9	46							
50/ 49																		10		10	28							
48/ 47																		4		4	21							
46/ 45																		2		2	16							
44/ 43																		3		3	11							
42/ 41																		1		1	11							
40/ 39																					2							
38/ 37																					1							
36/ 35																					1							
34/ 33																												
32/ 31																												
30/ 29																												
28/ 27																												
26/ 25																												
24/ 23																												
TOTAL																		741		741	741							
Element (X)	Σ x ²				Σ x				Σ				Σ x				No. Obs.				Mean No. of Hours with Temperature							
Rel. Hum.	3053463				45867				61.917.020				741				≥ 0 F				≥ 32 F				≥ 67 F			
Dry Bulb	3424610				50010				67.58.173				741				51.2				27.7				5.6			
Wet Bulb	2649278				43957				59.37.575				741				19.5				1.8							
Dew Point	2160277				39291				53.710.194				741				2.9				5.4							

PSYCHROMETRIC SUMMARY

03447	KANSAS CITY INTL MO
STATION	STATION NAME

74-82

YEARS

454

MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

74-51

YEARS

PAGE 1

DAY
MONTH

ALL

HOURS (L.S.T.)

[illegible]

PSYCHROMETRIC SUMMAR

07047	KANSAS CITY INTL
STATION	STATION NAME

74-81

YEARS

MAY
MONTH

PAGE 2

ALL

HOURS 1, 5, 7.

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

7655-3250

NOV 8 1954 S. T. J.

[illegible]

PSYCHROMETRIC SUMMARY

07547	KANSAS CITY INTL MO
STATION	STATION NAME

73-50

YEARS

JUN
MONTH

PAGE 1 7633-DR-2
HOURS 10, 5, 11

[illegible]

PSYCHROMETRIC SUMMARY

67547	KANSAS CITY INTL MO
STATION	STATION NAME

73-07

YEARS

July

PAGE 1 0900-1100
HOURS 10-5-77

[illegible]

GLOBAL CLIMATOLOGY SECTION
USAFETAC
AIR WEATHER SERVICE/PAO

PSYCHROMETRIC SUMMARY

02947 KANSAS CITY INTL MO

73-50

JUN

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	.4							10	10				
94/93								.1	1.3	.6	.4	.3						21	21				
92/91								1.3	.4	1.3	.3	.6						27	27				
90/89						.3	.7	1.3	1.6	.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					.3	2.5	2.2	.6	1.3	1.3	.1	.1						75	75				
84/83				.4	.6	1.7	1.3	2.4	2.2	1.4	.6	.4	.1					85	85				
82/81				.6	1.3	1.3	1.3	2.1	1.7	1.3	1.3	.4						82	82	2			
80/79				1.3	2.4	1.5	.6	1.5	1.4	1.5	1.1							83	83	10			
78/77		.1	.4	.8	1.3	1.1	.6	1.7	.4	1.3	.2							57	57	47	3		
76/75		.1	.8	.4	.6	.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	33		
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										18	18	80	97		
66/65		.7	.1	.1		.1												8	8	60	58		
64/63		.4		.6	.3	.1												10	10	53	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																					28		
50/49																					26		
48/47																					18		
46/45																					26		
44/43																					0		
42/41																					4		
40/39																					3		
TOTAL		4.2	3.2	6.4	9.7	13.2	13.3	15.3	13.3	11.1	6.3	2.6	.4	.1				720	720	720	720		
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ^2		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	2287538		39822		54.2		15.496		720		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	4756815		58313		81.0		7.047		720						87.5		78.2		55.4		4.3		93
Wet Bulb	3436554		49564		68.8		5.852		720						59.5		28.4		.8				93
Dew Point	2009132		44572		61.9		8.351		720						34.9		5.2						93

GLOBAL CLIMATOLOGY ARCH
USAFETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

03547 KANSAS CITY INTL MO
STATION STATION NAME

73-80

YEARS

JUN
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			
100/100															.7						2	2		
100/100															.1						1	1		
98/97																					2	2		
96/95										1.3	1.5	.6	.7								24	24		
94/92									.6	.6	.4	.4	.1								15	15		
92/91						.1	.6	.9	.7	.8	1.0	.4									32	32		
91/89						.3	1.3	2.2	2.1	.4	.7										48	48		
88/87					.1	1.0	1.4	1.3	1.4	1.1	1.1	.7	.1								66	66		
85/85						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	1.3	2.5	1.3	1.5	1.5	1.8	1.0	.1									95	85	3	
80/79			.1	1.1	1.3	.7	1.5	.9	1.1	.7	1.3	.3									62	62	7	
78/77				1.3	.7	.7	1.3	1.4	.6	1.3											47	47	55	4
76/75		.3	.6	.8	.7	.8	1.1	1.3	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	.2	.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																								21
46/45																								22
44/43																								7
42/41																								3
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	
Element (X)	Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Hum.	2136293		37643		52.3		15.297		720		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total	
Dry Bulb	4879664		59.50		82.7		7.149		720						87.9		30.0		60.3		5.5		90	
Wet Bulb	3460734		49743		69.1		5.708		720						59.8		31.4		.6				90	
Dew Point	2796158		44494		61.9		8.218		720						32.3		5.3						90	

GLOBAL CLIMATOLOGY PROJECT
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

07647
STATION

KANSAS CITY INTL MO
STATION NAME

73-80
YEARS

73-80

PAGE 1

JUN
MONTH
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				
102/101														.1				1	1						
92/ 97												.1						1	1						
94/ 93									.1	.4	.4	.1						8	9						
92/ 91							.1	.4	.4	.3	.1							10	10						
82/ 89						.3	.1	.8	1.1	.4	.1							21	21						
82/ 87						.8	1.1	.7	.4	.4		.1						26	26						
82/ 85					.1	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				1.3	2.2	2.5	1.9	.7	1.3	.1		.3						72	72						
82/ 79			.4	1.7	3.1	2.6	1.3	1.5	1.7	1.0	.4							96	93	3					
78/ 77			.3	1.7	1.7	.6	.7	1.3	1.4	.3	.1							57	57	26					
78/ 75			1.7	1.8	1.4	1.4	1.7	.7	.7	.1								63	63	61	10				
74/ 73		.4	.4	1.9	1.1	1.3	1.8	1.9	.7									73	73	86	21				
72/ 71		.7	1.3	1.0	.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	65				
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	50				
62/ 61		.1	.3	.3	.3													7	7	59	43				
62/ 59			.1					.1										2	2	49	41				
58/ 57																				26	36				
58/ 55		.3																2	2	20	60				
54/ 53																				3	31				
52/ 51																					33				
50/ 49																					42				
48/ 47																				1	15				
48/ 45																					14				
44/ 43																					6				
42/ 41																					7				
34/ 33																					1				
TOTAL	.1	4.6	5.4	11.8	15.4	15.1	14.6	12.2	10.6	3.8	2.2	1.0	.1	.1				720	720	720	720				
Element (X)	Σ X ²				Σ X				X				No. Obs.				Mean No. of Hours with Temperature								
Rel. Hum.	2726704				42962				59.7				720				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb	4377068				55914				77.7				720						84.3	69.8	30.4	1.3	9		
Wet Bulb	3312114				46654				67.6				720						52.1	22.0	.1		9		
Dew Point	2787127				44434				61.7				720						30.9	3.0			9		

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-67

YEARS

JUN

MONTN

PAGE 1

2100-2300

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JULY
MONTH

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-681

YEARS

JUL
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL MO
STATION	STATION NAME

73-00

YEARS

JUL
MONTH

PAGE 1

7300-0500
H0485 (L.S.T.)

[illegible]

PSYCHROMETRIC SUMMARY

7547	KANSAS CITY INTL MO
STATION	STATION NAME

73-51

YEARS

JUL
MONTH

PAGE 1 0900-1100
HOURS S. Y.

[illegible]

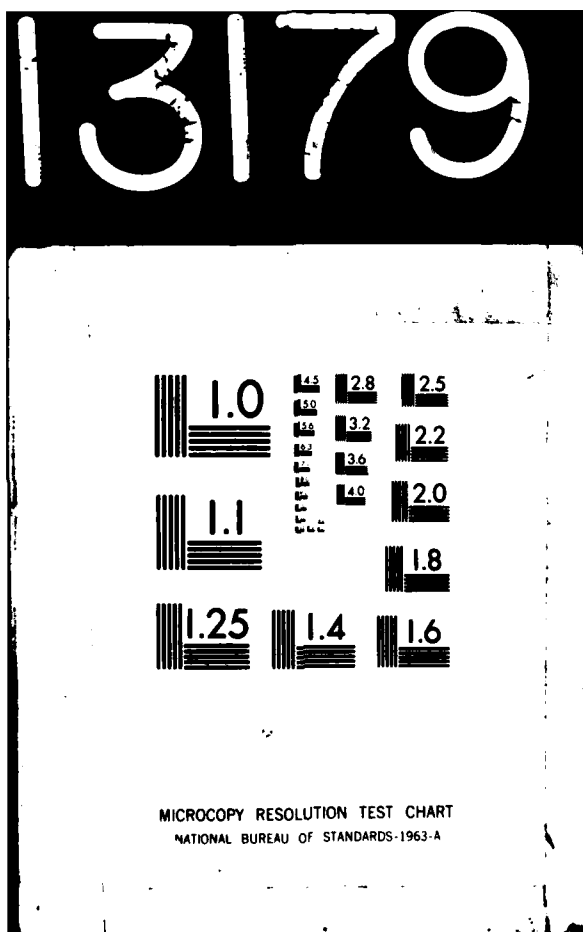
AD-A113 179 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KANSAS CITY IAF, MISSOURI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC (U)
DEC 81
UNCLASSIFIED USAFETAC/DS-82/003 SBI-AD-F850 135 NI

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
USAFETAC/D5-82/003 SBI-AD-FASO 135

SBI-AD-E850 135

NL

5 - 6
2000
[Redacted]



PSYCHROMETRIC SUMMARY

07047	KANSAS CITY INTL MO
STATION	STATION NAME

73-62

YEARS

JUL
MONTH

PAGE 1

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

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

07547 KANSAS CITY INTL
STATION STATION NAME

73-0

YEARS

JUL
MONTH

PAGE 0

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		
TOTAL	.4	2.2	2.6	5.8	7.7	3.1	12.7	12.2	11.3	12.2	12.2	7.7	7.1	1.9	1.9	.5	.5		743		743		
																					</		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO
STATION STATION NAME

73-80

YEARS

JUL
MONTH

PAGE 1 1980-1980

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			
100/100																.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	.3				54	54					
94/93							.7	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	1.0	.9	.7	.3	.4	.1				68	68					
98/87					.7	1.1	1.7	2.4	1.3	.4	.1	.7	.4	.4				59	59					
96/85			.1	.5	1.3	2.7	1.2	1.5	.5	.5	.7							66	66					
94/83				.7	.9	1.5	.9	2.0	.7	.3								66	66					
92/81				.5	1.1	.5	.5	.5	.3	.5	.1							31	31	12				
90/79				.7	1.1	.9	.9	.4	.8	.3								38	38	63	2			
88/77			.3	.3	.3	.3	.1	.4	.1	.3								15	15	175	13			
86/75		.1	.4	.8	.4	.5			.1									18	18	156	29			
84/73		.1	.4	.9	.1	.5												15	15	135	55			
82/71		.4	.3	.4														8	8	96	71			
80/69		.5	.3	.1														7	7	66	114			
78/67		.1																1	1	56	94			
76/65			.3	.1														3	3	33	75			
74/63	.1																	1	1	13	72			
72/61	.3																	2	2	9	60			
70/59																				2	60			
68/57																				1	31			
66/55																					22			
64/53																					13			
62/51																					5			
60/49																					7			
58/47																					6			
56/45																					6			
54/43																					2			
TOTAL	.4	1.3	2.0	5.0	5.0	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)	Σ X²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.	1956429		36266		48.7		16.019		744		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F			
Dry Bulb	5923605		66127		88.9		7.687		744						92.3		90.3		62.5		31.9			
Wet Bulb	4000692		54514		73.3		4.394		744						65.1		58.9		4.9					
Dew Point	3242581		48873		65.7		6.577		744						47.8		12.0							

GLOBAL CLIMATE/CLIMATE BRANCH
USAFETAC
AIR WEATHER SERVICE/MAO

PSYCHROMETRIC SUMMARY

03047 KANSAS CITY INTL MO 73-83 JUL
STATION STATION NAME YEARS MONTH
PAGE 1 1600-2000
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
104/107																	.3	.1	3	7	
102/101														.1	.3			5	5		
100/99												.1	.1	.5				8	8		
98/97										.1			.3	.5	.1			8	8		
96/95									.5	.9	.1	.8	.9	.1	.1			27	27		
94/93								.4	.1	.4	1.5	.7	.3					25	25		
92/91						.1	.5	.9	1.5	2.7	.8	.1	.1					51	51		
90/89						.4	.8	2.4	1.6	1.7	.8	.1	.1					58	58		
88/87					.5	.7	2.2	2.8	1.6	.3	.5	.1	.1					68	68		
86/85				.1	1.1	3.0	2.8	2.4	1.1	.4	.3	.1	.1					89	89		
84/83			.3	1.5	1.1	2.2	1.7	2.8	1.1	.3	.1	.1						78	78		
82/81			.7	1.3	1.1	1.6	1.7	1.9	.7	.4								73	73	6	
80/79		.1	.4	2.3	1.1	2.8	1.2	.7	.1	.1	.7							70	70	28	
78/77			1.2	.3	1.5	1.2	.4	.7	.4	.1								48	48	58	
76/75		.4	.7	.9	1.2	.9	.9	.3		.1								42	42	118	
74/73			1.5	2.2	.5	.5			.7									38	38	195	
72/71		1.1	1.1	.4	.7	.1	.1	.1										29	29	115	
70/69		.5	.7	.1	.7	.1	.1											13	13	104	
68/67	.7																	2	2	72	
66/65			.1	.5														3	3	35	
64/63		.4	.1			.1												5	5	28	
62/61				.1														1	1	12	
60/59																				7	
58/57																				4	
56/55																				1	
54/53																				1	
52/51																				4	
50/49																				4	
48/47																				5	
46/45																				1	
44/43																				1	
TOTAL	.5	2.4	6.3	17.5	11.0	13.8	12.4	14.4	2.0	9.2	4.4	2.3	2.3	1.7	.5	.3	.1		744		744
																		744		744	
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	2647400		42796		57.5		15.810		744		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total				
Dry Bulb	5227289		62125		83.5		7.316		744				91.9	86.4	66.1	9.5	93				
Wet Bulb	3545126		53384		71.3		4.445		744				62.0	45.6	2.3		93				
Dew Point	3257581		49019		65.9		6.131		744				46.6	11.1			93				

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-31

YEARS

JUL
MONTH

PAGE 1

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

[illegible]

PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL MO
STATION	STATION NAME

73-81

YEARS

JUL
MONTH

PAGE 3

ALL

HOURS (L, S, T, I)

[illegible]

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-51'

YEARS

AUC

MONTH

PAGE 1

2020-2021

HOURS 14.5. T.1

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/AL

PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO
STATION 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		
86 / 85											.1							1	1				
84 / 83										.2								2	2				
82 / 81					.1	.5	.4	.4	.1									12	12				
80 / 79				.4	.7	1.2	.5	.1										22	22				
78 / 77			1.0	2.3	.7	.7	.1											40	40				
76 / 75	.3	.7	3.5	1.3	2.2	1.2	.3											75	75	2	2		
74 / 73	.1	1.3	3.1	1.6	.5	.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	5.3	5.9	1.5	1.3	.4												120	120	86	68		
68 / 67	.4	4.2	3.4	1.1	.7	.4	.2											77	77	132	95		
66 / 65	.4	4.0	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	24.8	33.6	14.0	17.1	5.5	1.7	.5	.1	.3	.1							744	744	744	744		
															</								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

07947 KANSAS CITY INTL MO
STATION STATION NAME

73-81

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		.3			.1		.1			5		5																												
92 / 91								.3	.7	.5	.4			.1				15		15																												
91 / 89						.3	.4	.3	.3	.4	.1	.1	.1					20		20																												
88 / 87					.1	.5	1.6	1.1	.3	.3		.1						35		35																												
86 / 85					.3	3.4	2.3	1.6	.3	.1								64		64																												
84 / 83				.4	2.4	1.7	1.2	1.5	.7	.1		.1	.1					67		67																												
82 / 81			.1	1.7	2.4	1.3	2.7	1.1	1.1		.1			.1				80		80																												
80 / 79			.4	1.6	3.9	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	1.3	1.5	.4	.1	.5									61		61	58 8																											
74 / 73	.1	.3	2.4	1.9	.7	.6	.5	.1	.1									57		57	120 54																											
72 / 71	.3	2.6	2.3	2.3	.4	1.2	.4		.1									71		71	104 80																											
70 / 69	.4	1.3	1.7	.9	.3	.3	.1	.1										44		44	126 118																											
68 / 67	.1	.9	1.2		.4	.1												21		21	90 105																											
66 / 65		.5	.9	.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	.5															7		7	19 51																											
58 / 57																					12 40																											
56 / 55																					3 27																											
54 / 53																					15 15																											
52 / 51																					8 8																											
50 / 49																					5 5																											
48 / 47																					3 3																											
46 / 45																					1 1																											
44 / 43																					1 1																											
42 / 41																					1 1																											
TOTAL	1.3	6.2	12.6	12.9	15.9	15.2	13.6	9.3	6.6	2.2	.8	.7	.4	.3				744	744	744	744																											
Element (X)	Σ X ²				Σ X				Σ X				Σ X				Σ X				Σ X				Σ X				Σ X																			
Rel. Hum.	3411325				49023				65.9				15.636				744				Σ 0 F				Σ 32 F				Σ 67 F				Σ 73 F				Σ 80 F				Σ 93 F				Total			
Dry Bulb	4589369				58215				78.2				6.794				744																															
Wet Bulb	3630189				51849				69.7				4.763				744																															
Dew Point	3165881				48475				65.2				6.035				744																															

GLOBAL CLIMATE DATA
USAFETAC
AIR WEATHER SERVICE/AG

PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO 73-67 AUG 1966
STATION STATION NAME YEARS MONTH
PAGE 1 12-14-66
HOURS (U.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														
106/99													.3	.3	.1			5	5														
98/97											.2	.4	.4	.4				11	11														
96/95										1.6	1.2	1.3	.4	.4	.1			18	18														
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				66	66														
90/89						1.1	1.5	2.0	2.3	.5	1.2	.2						72	72														
88/87						1.5	2.4	2.7	1.2	.3	.5	.3	.7		.2			77	77														
86/85				.1	.4	2.4	2.7	1.9	1.5	1.5	.8			.1				86	86														
84/83				.4	1.1	1.9	1.7	.7	1.6	.8	.4	.4						87	87														
82/81			.5	1.1	1.3	1.5	1.1	.5	1.5	.7								88	88	3													
80/79			.3	1.1	.7	.3	.9	1.2	.7	.3	.2							47	47	24													
78/77			1.5	1.2	1.1	1.2	.4	.7	.4	.1	.1							50	50	46	5												
76/75		.3	.7	.7	1.3	.7	.7	.7	.7	.1								36	36	96	34												
74/73		.7	1.1	.8	.2	1.1	.3	.3										34	34	151	53												
72/71		.5	.6	.7	.3	.1	.1	.1	.1									25	25	92	59												
70/69	.4	.7	.4															11	11	32	104												
68/67		.4	.4															6	6	76	91												
66/65		.4	.1		.7													6	6	46	87												
64/63		.3																2	2	36	62												
62/61		.3	.7	.1														5	5	18	43												
60/59		.1																1	1	6	44												
58/57		.4																3	3	9	35												
56/55																				3	31												
54/53																					33												
52/51																					13												
50/49																					3												
48/47																					6												
46/45																					5												
44/43																					3												
42/39																					2												
40/37																					1												
TOTAL	.4	4.0	5.7	6.3	6.7	12.5	12.8	14.1	12.7	7.9	7.0	3.5	2.6	1.5	.7			744	744	744	744												
Element (X)	ΣX²		ΣX		X	ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX	
Rel. Hum.	2474457		41115		55.3	16.5		14		744		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total									
Dry Bulb	9312626		62653		84.2	7.7		37		744						90.0		86.3		68.3		11.9		42									
Wet Bulb	3032069		53266		71.6	5.0		14		744						77.8		47.8		2.0				42									
Dew Point	3199516		48514		65.2	6.9		67		744						47.0		11.5						42									

1
1
JULIAN CLIMATELOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

07947 KANSAS CITY INTL MO
STATION STATION NAME

73-81

YEARS

AUG
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			
104/100															.1	.5				5	5			
100/96												.1	.3	.3	.1					6	6			
96/92										.1	.1	.6	.6	.3	.7					20	20			
92/88								.1	1.2	1.0	.8	1.1	.5	.7						44	44			
88/84								1.3	1.7	1.6	.8	1.1	.1	.3						62	62			
84/80						.1	1.7	2.2	1.1	1.9	2.0	.9	.5	.7						75	75			
80/76					.1	.4	1.3	2.4	2.2	1.1	.9	.9		.1	.7					70	70			
76/72				.1	.7	.9	2.4	4.0	2.5	.5	1.5	.5	.4	.4	.1					101	101			
72/68				.3	.4	2.6	3.4	1.8	.9	1.2	.5	.1								74	74			
68/64				.3	1.3	1.1	1.3	.5	1.2	1.3	.4	.1								66	66			
64/60			.1	.1	1.1	1.3	1.5	.7	.4	.4	.3	.1								45	45			
60/56		.1	.3	.7	.6	1.3	.5	.7	1.7		.1									49	49			
56/52			.3	1.5	1.3	1.9	.3	.7	.1	.1	.3									49	49			
52/48		.1	.7	.8	.7	.1	.7	.3												25	25			
48/44		.3	.4	.7		.5	.3													15	15			
44/40			.4	.7		.1														9	9			
40/36	.1	.7	1.9	.5	.1															22	22			
36/32	.1		.3																	3	3			
32/28		.1	.1																	2	2			
28/24			.3	.1																3	3			
24/20			.3																	2	2			
20/16																								
16/12		.5																		4	4			
12/8		.3																		2	2			
8/4																								
4/0																								
TOTAL	.3	2.2	4.8	6.3	6.9	10.3	13.8	14.2	11.3	9.7	8.9	5.2	3.2	2.2	1.2	.5				744	744			
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	2290800		39362		52.8		16.253		744		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	5466452		63512		85.4		7.757		744						91.4		87.1		73.3		15.9		93	
Wet Bulb	3559072		53458		71.9		4.922		744						79.5		47.8		3.7				43	
Dew Point	2179655		48362		65.2		6.967		744						45.6		10.8		.1				93	

GLOBAL CLIMATOLOGY DIVISION
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO
STATION STATION NAME

70-87

YEARS

AC MONTH

PAGE 1

1870-2000

HOURS (U.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			
98/97															.1																		2	2			
94/93															.1																		5	5			
90/89															.1																		11	11			
86/85															.1																		13	13			
82/81															.1																		32	32			
78/77															.1																		51	51			
74/73															.1																		72	72			
70/69															.1																		76	76			
66/65															.1																		83	83	13	3	
62/61															.1																		75	75	35	5	
58/57															.1																		63	63	56	20	
54/53															.1																		49	49	173	36	
50/49															.1																		45	45	99	50	
46/45															.1																		36	36	114	110	
42/41															.1																		19	19	87	101	
38/37															.1																		11	11	72	88	
34/33															.1																		4	4	47	70	
30/29															.1																		3	3	23	42	
26/25															.1																					18	56
22/21															.1																		3	3	9	43	
18/17															.1																		3	3	2	37	
14/13															.1																					4	21
10/9															.1																					7	7
6/5															.1																					7	7
2/1															.1																					6	6
0/0															.1																					5	5
TOTAL	.1	6.0	11.2	13.3	14.0	14.2	12.4	11.6	6.3	3.8	3.4	1.3	.7	.5	.3																		744	744		744	
Element (X)	Σ X ²					Σ X					X					No. Obs.					Mean No. of Hours with Temperature																
Rel. Hum.	3110267					46659					62.7					744					≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F													Total			
Dry Bulb	4754182					59242					79.6					744					95.0 77.5 48.8 2.4													93			
Wet Bulb	3662642					52273					70.0					744					71.1 33.6 1.1													93			
Dew Point	3163391					46257					64.9					744					44.4 6.0 .3													93			

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-21

YEARS

AUG

MONTH

PAGE 1

2100-2300

HOURS 1 2 3 4 5 6 7 8 9 10 11 12

[illegible]

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

07947	KANSAS CITY INTL
STATION	STATION NAME

73-62

AU —

MONTH

PAGE 1

411

HOURS 12.5 T.

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

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

415

73-117

YEARS

MONTH

PAGE 2

ALL

ALL
HOURS

[illegible]

PSYCHROMETRIC SUMMARY

٤٤٧

PAGE 1 0000-0200
MOORE, S. J.

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

37547 KANSAS CITY INTL MO
STATION STATION NAME

73-80

YEARS

SEP
MONTH

PAGE 1 0500-0500
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
70 / 77				.1		.3												3	3		
76 / 77				.6		.3	.7											10	10		
76 / 75			1.1		1.7	.1												19	19		
74 / 72		.6	1.3	1.3	.7													24	24	3	
72 / 71		1.5	2.5	.6				.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	5.0		.7	.3	.1	.3										59	59	56	40
66 / 65	.4	3.5	1.1	.3	.7	.1	.7											50	50	66	61
64 / 63	.6	4.3	1.3	1.7	.7	.7												56	56	58	65
62 / 61	.2	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	2.6	.1	.6													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		1.3	2.8	.7	.1													37	37	23	47
48 / 47	.1	2.9	1.7	.4		.1												38	38	49	31
46 / 45		1.3	.6	.1	.1													19	19	50	32
44 / 43		1.8	.4		.1													17	17	52	34
42 / 41		.3	.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	2.5	44.0	31.9	17.1	5.7	2.4	1.0	.4										720	720	720	720
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.	4976736		59293		52.3		11.577		720		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	40				
Dry Bulb	2686735		43527		60.5		8.928		720				26.9	7.0	.1		40				
Wet Bulb	2413511		41223		57.3		8.612		720				15.0	.4			40				
Dew Point	2231107		39493		54.9		9.504		720			1.0	9.4				9				

GLOBAL CLIMATELOGY & ANALYSIS
USAFETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

02547 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		
76 / 74				.3		.1	.1											4	4				
74 / 72				1.1	.1	.3												11	11				
72 / 70				.3	.4	.4												18	18				
70 / 68		.6	1.5	1.7	.4													25	25	5			
68 / 66		2.1	3.2	1.7	.1	.1	.1											48	48	25	7		
66 / 64	.1	2.5	3.2	.4	.6	.7	.4											55	55	41	34		
64 / 62	.7	3.9	2.9	.1	.7	.4	.1											58	58	72	47		
62 / 60	.6	3.5	.6	.4	.7	.1	.1											44	44	54	58		
60 / 58	.8	2.8	1.5	1.4	.1	.1												49	49	48	66		
58 / 56	.7	4.6	1.7	1.9	.4	.1												68	68	38	43		
56 / 54	.1	1.7	2.8	1.5	.1	.3												47	47	49	43		
54 / 52	.4	4.7	2.9	.4	.3		.1											64	64	62	30		
52 / 50	.1	3.1	1.6	1.1														44	44	72	54		
50 / 48		4.6	1.5	1.5	.1													56	56	48	58		
48 / 46		1.3	2.4	.3	.1													27	27	50	55		
46 / 44		1.7	1.9	.3	.1													28	28	71	50		
44 / 42		2.8	1.1	.1														28	28	38	29		
42 / 40	.3	1.9			.1													17	17	38	33		
40 / 38	.1	1.3	.3															12	12	22	41		
38 / 36	.1	1.3	.1	.3														11	11	11	34		
36 / 34		.7	.1															6	6	8	18		
34 / 32																				6	6		
32 / 30																				2	5		
30 / 28																					4		
28 / 26																					2		
26 / 24																					2		
24 / 22																					1		
TOTAL	3.9	44.2	51.3	13.9	4.3	2.4	1.1											720	720	720	720		
Element (X)	Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		
Rel. Hum.	5032031		59607		32.9		11.128		720		= 0 F		= 32 F		= 67 F		= 73 F		= 80 F		= 93 F		
Dry Bulb	2713963		43746		67.3		8.927		720						27.4		7.3		.1				
Wet Bulb	2444273		41503		57.6		8.497		720						17.9		.6						
Dew Point	2267221		39847		55.3		9.284		720				.6		11.0								

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SIGNAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

7547 KANSAS CITY INTL MO
STATION STATION NAME

75-80

YEARS

SEP

MONTH

PAGE 1

1970-1100

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						
92 / 89								.2	.1	.1								6	6						
88 / 87							.4	.6	.1	.1								9	9						
86 / 85						1.3	.2	.4	.1				.1					16	16						
84 / 83					.1	1.0	.4	.2	.1		.2							16	16						
82 / 81				.4	1.0	1.7	.4	.3	.1									29	29						
80 / 79			.3	1.4	1.7	.7	.7	.4	.2	.1								42	42						
78 / 77			.4	1.4	1.7	.4	.3	.2	.2	.3	.1							34	34	4					
76 / 75			1.1	1.3	1.7	1.7	.6	.2	.3	.3								47	47	28	1				
74 / 73		.1	1.1	2.2	.7	1.1	.2	.7	.1	.4								52	52	46	6				
72 / 71		1.1	2.4	.8	1.7	1.9	1.7	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	1.7										55	55	56	63				
66 / 65		2.6	1.3	1.1	1.7	.7	1.3	.4										64	64	47	50				
64 / 63		2.1	1.6	1.3	1.7	1.3	1.7	.1										59	59	58	41				
62 / 61	.1	.3	1.4	1.4	.4	1.1												38	38	60	52				
60 / 59		1.3	1.7	1.5	1.4	.8												47	47	64	33				
58 / 57		1.7	1.7	.6	1.7	.3												32	32	69	48				
56 / 55		1.4	.7	.7	.4	.3												25	25	48	57				
54 / 53		.1	.3	.8			.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	15				
38 / 37																					7				
36 / 35																					7				
TOTAL	.3	15.4	15.7	15.8	17.4	15.8	9.7	6.7	2.1	1.3	.4		.1						720		720				
																		720		720					
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.	3512146		48926		68.0		16.146		720		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F					76				
Dry Bulb	3497338		49773		69.1		9.879		720				52.0	31.8	12.9						90				
Wet Bulb	2819530		44714		62.1		7.703		720				29.5	9.8							90				
Dew Point	2436724		41294		57.4		9.316		720			.4	19.9	.9							90				

OFFICIAL CLIMATE BUREAU
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17547
STATION

KANSAS CITY INTL MO
STATION NAME

73-81
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	.7	.1					7	7					
94 / 93									.1	.7	.4	.1						10	10					
92 / 91								.4	.8	.4	.7	.1						21	21					
90 / 89							.4	1.1	.7		.7				.7			18	18					
88 / 87							1.1	1.0	.3	.1		.6	.1	.1				24	24					
86 / 85					.7	.8	1.3	1.3	.8	.3	.3	.1	.6					41	41					
84 / 83				.4	1.2	1.3	.4	1.2	1.2	.8	.7	.1						48	48					
82 / 81				.7	1.3	1.3	1.5	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	5				
78 / 77			.1	1.3	.7	1.4	1.1	1.1	.4	.8	.3	.1						53	53	28	1			
76 / 75			1.1	1.4	.4	.7	1.3	1.7	1.7	.1	.4	.1						65	55	49	3			
74 / 73		.7	.8	.7	.3	.6	.6	1.7	.7	.1	.1							45	45	50	16			
72 / 71		.4	.7	.4	.1	.6	.4	.4	.6	.6								35	35	59	43			
70 / 69		.3	1.3	.7	.6	1.4	.7	1.3	1.1	.1								50	50	56	63			
68 / 67		.5	1.2	.7	1.3	.3	1.3	1.4	.1									47	47	58	47			
66 / 65		.3	.8	1.9	.4	.3	1.4	.7	.1									43	43	48	49			
64 / 63		.6	.6	.6	.3	.7	1.3											28	28	64	39			
62 / 61		.4	1.3	.4	.7	.8	.4											23	28	58	36			
60 / 59		1.0		.6	.7	.7		.1										14	14	76	46			
58 / 57		.7	.7	.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																					22			
38 / 37																					6			
36 / 35																					1			
34 / 33																					1			
32 / 31																					2			
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL MO
STATION	STATION NAME

2-5-

SEP
MONTH

PAGE 2

1200-1420
HOURS 12.5-1.0

[illegible]

OFFICIAL CLIMATOLOGY STATION
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

07547 KANSAS CITY INTL MO
STATION STATION NAME

73-61

YEARS

SEP

MONTH

PAGE 1

1970-1971

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		.7	.1						4	4						
96 / 95										.7		.6							6	6						
94 / 93									.1	1.0	.7		.1						14	14						
92 / 91								.7	.4	.6	.4	.7	.4						22	22						
90 / 89							.7	.7	1.1	.3	.4	.3			.1				23	23						
88 / 87						.4	1.2	.4	2.2	.1	.1	.7	.1	.7					41	41						
86 / 85					.1	1.5	.5	.5	1.3	.6	1.0	.4	.4						46	46						
84 / 83					.4	1.3	.4	.2	1.5	.8	1.5	.4	.1						51	51						
82 / 81				.6	.5	1.1	.8	1.4	1.0	.4	.4	.7	.1						49	49						
80 / 79		.1	.7	.8	.8	1.3	.7	1.5	.7	.4	.4								54	54	3					
78 / 77			.6	1.1	1.3	1.3	.8	.8	.3	1.1	.1	.3							53	53	22					
76 / 75			.3	.5	.7	1.0	.6	1.3	.8	.4	.6								44	44	49					
74 / 73		.1	.8	1.5	.4	.6	.7	.8	.0	.1	.1								44	44	54					
72 / 71		.3	.7	1.3	.7	.4	.8	.8	1.1	.6									46	46	57					
70 / 69		.1	.4	.3	.8	.6	.3	1.2	.3	.7									31	31	45					
68 / 67		.4	.7	1.0	.7	.7	1.3	1.0	1.3										45	49	74					
66 / 65		.3	1.0	1.0	.6	.6	1.7	.3	.1										39	39	56					
64 / 63		1.1	.7	.3	.8	1.5	.7												35	35	61					
62 / 61		.8	.4	.1		.7	.8		.3										21	21	55					
60 / 59	.1	.6	.3	.4		.1	.8	.1											12	12	66					
58 / 57	.3	.4	.3	.3	.3														11	11	38					
56 / 55		.6	.6	.3															10	10	51					
54 / 53		1.0	.1																14	14	40					
52 / 51		.3																	2	2	37					
50 / 49																					9					
48 / 47																					1					
46 / 45																					2					
44 / 43																										
42 / 41																										
40 / 39																										
38 / 37																										
36 / 35																										
34 / 33																										
32 / 29																										
Element (X)	Σ X ²				Σ X				Σ X				Σ X				Σ X				Mean No. of Hours with Temperature					
Rel. Hum.																					Total					
Dry Bulb																										
Wet Bulb																										
Dew Point																										

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

[illegible]

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-67

YEARS

575
MONTH

PAGE 1 1870-2700
HOURS L. S. T. 1

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								0	0					
91/ 90							.1	.4	.1	.3		.1	.1					9	9					
90/ 89						.1	.3	.3	.1	.4					.1			11	11					
89/ 88						.3	.2	.6	.1		.2	.1						12	12					
88/ 87					1.1	.7	1.3	.4	.1	.1								27	27					
87/ 86			.1	.1	1.1	1.1	.6	.6	.6	.1	.1		.1					36	36					
86/ 85			.1	1.4	1.7	1.3	.4	.4	.2	.3	.1							44	44					
85/ 84			.6	.7	1.1	.6	.4	.7	.6	.1	.1							40	40					
84/ 83		.4	.7	1.3	.4	1.1	.4	.4	.1	.4	.1							46	46	34	1			
83/ 82		.5	1.5	1.4	.4	1.4	.7	1.1	.1									52	52	47	18			
82/ 81		.6	1.1	1.4	1.3	.4	.6	.7	.3	.3								61	61	56	23			
81/ 80		.3	1.4	1.5	1.1	1.2	.4	.6	.1									43	43	43	41			
80/ 79		1.2	1.4	.7	1.3	.8	.3	.6	.2									45	45	50	61			
79/ 78		.6	.6	2.2	1.4	1.4	.7	.7										54	54	55	43			
78/ 77	.1	1.7	1.8	.7	1.4	.4	.3	.6										58	58	56	43			
77/ 76		1.1	1.3	.6	.7	1.7	.6	.2										45	45	60	46			
76/ 75	.1	1.5	.4	.3	1.7	1.2	.2											39	39	66	67			
75/ 74	.3	.8	.6	1.4	1.1	.6	.1											36	36	56	41			
74/ 73		.4	1.2	.5	.7	.1												20	20	36	32			
73/ 72		.6	1.3	.8		.1	.1											21	21	44	32			
72/ 71		1.4	.7	.1	.4													18	18	54	45			
71/ 70		.1	.1	.1	.1													4	4	32	47			
70/ 69																				18	37			
69/ 68																				5	36			
68/ 67																				3	24			
67/ 66																				1	27			
66/ 65																					22			
65/ 64																					4			
64/ 63																					9			
63/ 62																					1			
62/ 61																					5			
TOTAL		.1	11.3	15.6	16.4	16.9	14.9	8.9	8.9	2.9	2.2	1.2	.3	.1		.1			720	720	720			
Element (X)	Σx ²		Σx		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	3293243		47267		65.6		16.599		720		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	3943778		50067		69.5		9.340		720						54.1		34.9		15.3				9.	
Wet Bulb	2803699		44559		61.9		8.003		720						26.8		9.5						9.	
Dew Point	2375755		40755		56.6		9.786		720						.4		15.1		2.1				9.	

PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL MO
STATION	STATION NAME

73-2

YEARS

547

MONTE

PAGE 1

24-0-43-5

HOURS . . . S. T.

[illegible]

SENIOR CLIMATELOGIST (A) 04
USAFETAC
AIR WEATHER SERVICE/AL

PSYCHROMETRIC SUMMARY

03547 KANSAS CITY INTL 73-5 SFP
STATION STATION NAME YEARS MONTH

PAGE 1 ALL
HOURS (U. 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 / 97										.1	.0	.1	.0					5	5					
96 / 95										.1	.0	.1	.0					13	13					
94 / 93										.0	.0	.1	.0					24	24					
92 / 91								.0	.0	.1	.1	.1	.1			.0		46	46					
90 / 89								.0	.0	.1	.1	.1	.1			.0		56	56					
88 / 87						.1	.0	.0	.0	.1	.0	.2	.0	.1	.0			85	85					
86 / 85					.1	.0	.0	.0	.0	.0	.2	.1	.1					117	117					
84 / 83				.1	.0	.0	.0	.0	.0	.0	.2	.3	.1	.0				143	143					
82 / 81			.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0				186	186					
80 / 79			.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1					228	228	0				
78 / 77		.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1					240	240	59	1			
76 / 75		.1	1.3	1.3	1.3	.6	.6	.0	.0	.1	.1	.0						316	718	152	5			
74 / 73		.5	1.3	1.3	.4	.6	.2	.0	.0	.0	.1	.0						323	723	232	63			
72 / 71		1.2	2.2	1.1	.7	.5	.5	.5	.5	.2	.2							405	405	345	174			
70 / 69	.1	1.3	2.0	.4	.4	.6	.6	.5	.2	.1								432	432	398	336			
68 / 67	.1	1.3	2.1	.7	.2	.6	.5	.5	.2									431	431	447	416			
66 / 65	.2	1.9	1.1	1.3	.4	.5	.7	.3	.0									396	796	426	423			
64 / 63	.7	2.3	1.4	.7	.0	.6	.4	.1										396	396	462	397			
62 / 61	.2	2.3	1.3	1.3	.0	.6	.0	.0	.0									347	747	407	382			
60 / 59	.2	1.3	1.4	1.1	.0	.4	.1	.1										300	700	471	368			
58 / 57	.1	2.3	1.9	.6	.8	.7	.1	.0										310	710	444	351			
56 / 55	.0	1.8	1.3	.0	.3	.1	.0											246	246	442	400			
54 / 53	.0	1.7	1.3	.0	.0	.1	.1											222	322	366	333			
52 / 51	.0	.9	1.0	.4	.1	.0	.0											153	153	315	379			
50 / 49	.0	1.3	1.3	.4	.1													145	145	213	361			
48 / 47	.0	.9	.0	.1	.1	.0												98	98	213	262			
46 / 45	.0	.6	.1	.1	.1													53	53	154	261			
44 / 43	.0	.4	.1	.0	.0													36	36	87	267			
42 / 41	.0	.2	.0	.1														21	21	42	232			
40 / 39	.1	.0																7	7	21	167			
38 / 37		.0																1	1	13	70			
36 / 35																				5	3			
34 / 33																					14			
32 / 31																					11			
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F			Total			
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

67447

KANSAS CITY INTL.

73-57

55.

MONTH

PAGE 7

ALL

MOJRS L. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-57

YEARS

OCT
MONTH

PAGE 1

7678-370
HOURS: 10:30-5:00

[illegible]

GLOBAL CLIMATE SYSTEMS, INC.
USAFETAC
AIR WEATHER SERVICE/MAO

PSYCHROMETRIC SUMMARY

03047 KANSAS CITY INTL MO 7-87 OCT
STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500
HOURS U.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													2	2					
72 / 71			.3							.7								6	5					
70 / 69		.4	.5	.7	.7	.4												17	17					
68 / 67			.1	.4	.1	.1	.7	.1										9	9	13	8			
66 / 65		.7		.2	.1	.7	.1											10	10	4	5			
64 / 63	.4	.8	.1	.7	.7	.1	.1											22	22	12	8			
62 / 61		1.3	1.2	.3	.7	.7												31	31	19	13			
60 / 59		1.6	2.3	1.3	.4	.4												43	43	16	8			
58 / 57		2.1	2.7	.4	.7	.4												49	49	25	21			
56 / 55		2.4	2.3	.9	.4	.7	.4											57	57	51	33			
54 / 53	.3	1.2	1.7	1.3	.3	.4	.3											38	38	52	42			
52 / 51	.4	2.3	2.6	1.7	.7	.3	.1											63	63	37	41			
50 / 49	.3	1.6	2.6	1.7	.3	.1												55	55	56	49			
48 / 47	.1	2.7	.9	1.6	.7	.3												47	47	51	37			
46 / 45	.1	1.7	2.2	1.6	.1													43	43	55	35			
44 / 43		.9	2.8	2.2	.1													45	45	51	35			
42 / 41		2.3	2.0	.1	.1													32	32	44	44			
40 / 39	.3	2.3	2.5	.6	.7													53	53	60	44			
38 / 37	.4	2.2	1.3	.4														40	40	55	37			
36 / 35		3.3	1.1															70	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	20			
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																					9			
18 / 17																					1			
TOTAL	0.3	35.6	31.5	17.1	7.5	4.7	1.7	.1		.7								744	744	744	744			
Element (X)	Σ X ²			Σ X			X	X ²	No. Obs.			Mean No. of Hours with Temperature												
Rel. Hum.	44357.3			56475			75.9	14.155	744			≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	1899196			36564			47.5	9.888	744				2.4	4.6	.4			23						
Wet Bulb	1627676			34156			45.8	9.296	744				5.0	1.6				23						
Dew Point	1383199			31113			41.8	10.512	744				21.3	.4				23						

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-47

YEARS

CCY

MONTH

PAGE 1

0000-3800

HOURS: 9-5

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAD

PSYCHROMETRIC SUMMARY

03547 KANSAS CITY INTL MO
STATION STATION NAME

75-51

YEARS

OCT
MONTH

PAGE 1 1900-1100
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																		
44/ 82								.1										1	1																				
42/ 81							.1		.1									3	3																				
40/ 79							.1	.1	.1	.1								5	5																				
38/ 77					.1	.4		.1	.3	.1								4	4																				
36/ 75			.1	.1	.1	.1	.1	.4										11	11																				
34/ 73			.4	.4	.1	.1	.1	.3	.1	.1								19	19																				
32/ 71			.1	.1	.1	.1	1.1	.4	.1	.1	.1							25	25																				
30/ 69			.1	.1	.1	.1	.1	.4										23	23	10	2																		
28/ 67			.3	.3	1.1	1.3	.4	.7	.4									39	39	11	5																		
26/ 65		.3	.5	1.3	.1	1.5	.1	.5	.4	.3								45	45	7	6																		
24/ 63		.1	.1	1.5	.1	1.3	1.1	.1	.1									42	42	23	11																		
22/ 61		1.5	1.3	1.5	.7	2.1	1.6	.9	.1									72	72	39	12																		
20/ 59		2.2	.7	.1	1.7	1.6	.4	.1	.3									55	55	56	20																		
18/ 57	.1	2.2	.4	1.2	1.1	1.7	.7	.5										66	66	67	38																		
16/ 55	.1	1.1	.1	1.1	.1	.9	.1	.1										47	47	53	51																		
14/ 53	.4	.1	.1	1.6	1.4	1.2	1.1	.1										57	57	47	52																		
12/ 51	.1	.1	.1	1.5	1.5	.7	.7											57	57	58	40																		
10/ 49		.1	.1	1.5	1.5	.4	.4											42	42	66	28																		
8/ 47		.1	.1	1.3	.4	.4												25	25	58	32																		
6/ 45		.4	.1	1.1	.1													19	19	61	46																		
44/ 43		.7	1.2	.1	.1													24	24	49	45																		
42/ 41	.1	.1	1.1	.3	.1													22	22	47	57																		
40/ 39	.1	.4	.1	.1														13	13	37	56																		
38/ 37		.1	.1	.1														13	13	17	44																		
36/ 35	.1	.1	.1															5	5	22	44																		
34/ 33		.1	.1															2	2	8	50																		
32/ 31		.1																1	1	5	35																		
30/ 29																				1	20																		
28/ 27																					16																		
26/ 25																					16																		
24/ 23																					5																		
22/ 21																					5																		
TOTAL	1.1	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			ΣX			ΣX			ΣX			ΣX			ΣX			ΣX			ΣX			ΣX			ΣX			ΣX			ΣX			ΣX		
Rel. Hum.	3177231			46745			62.9			17.746			744			= 0 F			= 32 F			= 67 F			= 73 F			= 80 F			= 93 F			Total					
Dry Bulb	2540770			42950			57.6			9.665			744						.1			17.1			5.9			.9						92					
Wet Bulb	1968811			37759			57.8			8.404			744						.1			2.9												93					
Dew Point	1523719			32753			44.1			10.341			744						12.8			.9												92					

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

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-527

YEARS

U C T
MONTH

PAGE 1 1203-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-5

JCI

YEARS

MONTH

PAGE 2 1200-1400
HOURS 12.5.7.

[illegible]

OFFICIAL CLIMATOLOGICAL STATION
USAFETAC
AFW WEATHER SERVICE/AL

PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO 73-00 OCT
STATION STATION NAME YEARS
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				
32 / 31														.3	.4			5	5						
31 / 30														.1	.1			2	2						
30 / 29										.1	.3			.4	.1			7	7						
29 / 28							.1		.1	.7		.1	.3	.1				8	8						
28 / 27						.1	.1	.5	.7	.1	.1	.7	.4					15	15						
27 / 26						.1		.3		.9	.5	.7	.1					20	20						
26 / 25						.7		.1	.2	.3	.5		.7					17	17						
25 / 24				.1	.2	.1	.3	.7	.5	.1								27	27						
24 / 23			.2	.1	.7	.4	.4	1.0	1.5	.7	.4	.3						44	44						
23 / 22				.7	1.5	1.6	1.3	.6	.6	.5	.4							55	55	4					
22 / 21			.4	1.1	.6	1.2	.4	.9	.7			.4						41	41	4	1				
21 / 20			.3	.5	.7	.9	.3	.7	1.2	.7	.4							44	44	19	4				
20 / 19		.1	.4	.5	1.2	.8	.3	1.3	1.9	.1	.4							54	54	15	5				
19 / 18		.3	.5	.9	.1	.1	1.3	1.5	1.2	.7								53	53	20	14				
18 / 17		.2	.4	.1	.4	.1	1.2	.9	1.6	.1								41	41	58	8				
17 / 16		1.5	.4	.5	.5	.3	1.9	1.6	.9	.3								56	56	74	17				
16 / 15		.3	.4	.3	.4	1.7	1.2	1.5										44	44	78	36				
15 / 14	.1	1.2	.1	.3	.5	1.6	2.3	.6	.1									53	53	30	36				
14 / 13	.4	.5	.3	.1	.4	1.9	1.3	.4										40	40	45	39				
13 / 12		1.2		.3	.5	.9	1.1	.3										34	34	64	31				
12 / 11		.3	.1	.3	.7	.4	.4											16	16	60	55				
11 / 10		.1		.7	.7													8	8	55	31				
10 / 9		.3	.1	.7	.5	.5												18	18	59	25				
9 / 8		.4	.4		.7	.4												14	14	64	29				
8 / 7		.5	.1	.4	.3													10	10	29	36				
7 / 6		.1	.4	.1														5	5	21	41				
6 / 5		1.2	.1															10	10	17	50				
5 / 4																				20	63				
4 / 3	.3	.1																3	3	6	55				
3 / 2																					53				
2 / 1																					39				
1 / 0																					26				
0 / -1																					16				
-1 / -2																					16				
Element (X)	Σ x ²			Σ x			x̄			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

PSYCHROMETRIC SUMMARY

00947	KANSAS CITY INTL MO
STATION	STATION NAME

73-3"

YEARS

OCT

MONTM

PAGE 2

1500-1700

HOURS S. T. 1

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 / 25																														7		
72 / 21																														5		
71 / 19																														3		
TOTAL	..	9.2	4.1	5.4	10.7	12.6	15.8	14.2	10.2	5.2	3.4	2.2	1.1	.9	.7												744		744			
																											744		744			

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

75-00

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STATION

STATION NAME

YEARS

MONTH

PAGE 2

1000-2500

HOURS: 8:30 - 5:00

[illegible]

PSYCHROMETRIC SUMMARY

17447	KANSAS CITY INTL MO
STATION	STATION NAME

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YEARS

LCY

MONTH

PAGE 1

2100-2300

HOURS 11.5.1.

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 / 76							.1											1	1					
70 / 77						.1	.2											4	4					
70 / 75				.1	.2		.1											4	4					
74 / 73			.1	.7			.2		.4		.1							10	10					
74 / 71			.5	.5	.1	.3	.7	.1	.1		.3							20	20					
76 / 69				.1	1.0	.5	.7	.1	.1									18	18	7				
80 / 67				.3	.4	.7	.8	.1	.3	.1								22	22	8	6			
80 / 65		.3	.1			.4	.4											13	13	6	4			
84 / 63		1.4	.7	2.6		.5	.8	.7	.1									56	56	15	7			
82 / 61		1.3	1.3	1.7	1.2	.5	.4	.5										52	52	33	17			
80 / 59	.1	2.2	1.6	1.6	.4	.5	.9	.3										63	63	75	16			
80 / 57		1.3	1.8	1.2	1.2	.3	.5											50	50	68	26			
80 / 55				.5	1.1	.9	.3											36	36	51	47			
84 / 53	.1	3.1	.5	2.3	1.7	.7	.3											64	64	58	48			
82 / 51	.1	.3	1.1	2.4	2.2	1.1	.3											50	50	43	49			
80 / 49	.1	.4	1.5	1.5	2.3	.3	.1											46	46	40	39			
80 / 47		.5	1.2	1.7	2.3	.3												44	44	52	28			
80 / 45		.7	1.2	2.3	.3													42	42	67	32			
84 / 43		.8	2.1	.3	.7	.1												38	38	41	24			
82 / 41	.1	1.6	2.7	.9	.1													41	41	68	40			
80 / 39		.7	1.2	.7	.4													22	22	67	51			
80 / 37	.4	.5	.4	.7														15	15	34	48			
80 / 35		.8	.7	.1														9	9	20	74			
84 / 33		.4	.3															9	9	19	64			
82 / 31		.4	.1															4	4	11	50			
80 / 29			.1															1	1	7	27			
80 / 27																				1	5			
80 / 25																					22			
84 / 23																					5			
82 / 21																					6			
80 / 19																					4			
TOTAL	1.1	12.8	21.9	23.4	16.3	7.5	6.7	1.5	1.1	.1	.4								744		744			
																		744		744				
Element (X)	Σx ²			Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Num.	3699207			50381		67.7		16.299		744		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	2239285			40179		54.2		9.715		744			.6	9.9	2.4					93				
Wet Bulb	1506442			36368		48.5		8.829		744			2.4	1.9						93				
Dew Point	1445626			31352		42.3		10.504		744				15.2	.8					93				

GLOBAL CLIMATE POLICY CHALLENGE
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 07947 KANSAS CITY INTL MO STATION NAME 73-61 YEARS OCT MONTH PAGE 1 ALL HOURS 1015.7

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								7	7												
90 / 89															.2	.2								3	3												
88 / 87															.1	.1								16	16												
86 / 85															.1	.1								17	17												
84 / 83															.1	.1								25	25												
82 / 81															.1	.1								38	38												
80 / 79															.1	.1								47	47												
78 / 77					.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							77	77													
76 / 75				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							113	113													
74 / 73				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							166	166													
72 / 71			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							190	190													
70 / 69			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							198	198													
68 / 67	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							240	240													
66 / 65	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							266	266													
64 / 63	.1	.1	.1	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							312	312													
62 / 61	.1	1.3	1.1	.9	.7	.5	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1							364	364													
60 / 59	.1	1.3	1.1	.9	.7	.5	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1							392	392													
58 / 57	.1	1.4	.9	.7	.5	.3	1.7	1.5	.3	.1	.1	.1	.1	.1	.1	.1							433	433													
56 / 55	.1	1.5	1.1	.9	.7	.5	1.1	.7	.1	.1	.1	.1	.1	.1	.1	.1							363	363													
54 / 53	.1	1.5	.9	1.3	1.2	.8	.7	.1	.1	.1	.1	.1	.1	.1	.1	.1							384	384													
52 / 51	.1	1.4	1.1	1.4	1.2	.8	.7	.1	.1	.1	.1	.1	.1	.1	.1	.1							384	384													
50 / 49	.1	.8	1.4	1.4	1.3	.7	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1							322	322													
48 / 47	.1	1.0	.9	1.4	.9	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							270	270													
46 / 45	.1	.8	1.5	1.4	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							255	255													
44 / 43	.1	.7	1.6	1.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							226	226													
42 / 41	.1	1.1	1.5	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							199	199													
40 / 39	.1	1.4	1.5	.9	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							215	215													
38 / 37	.1	1.4	.6	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							150	150													
36 / 35	.1	1.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							104	104													
34 / 33	.1	.8	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							72	72													
32 / 31	.1	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							31	31													
30 / 29	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							17	17													
28 / 27	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							9	9													
26 / 25	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							6	6													
Element (X)	ΣX^2			ΣX			Σ			σ_x			No. Obs.			Mean No. of Hours with Temperature																					
Rel. Hum.																$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total															
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

PSYCHROMETRIC SUMMARY

YEARS

OCT
MONTH

ALL

HOURS 11.5. T.H.

[illegible]

JOINT CLIMATE DIVISION
USAFETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

07947 KANSAS CITY INTL MO

73-01

YEARS

NOV
MONTH

PAGE 1

0800-0200
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																		5	5				
64 / 63																		5	8				
62 / 61																		11	11				
60 / 59	.1	1.3	.7	.3		.4	.7											26	26	11	3		
58 / 57	.4	.7	.7	.1	.1	.4	.1											16	16	16	11		
56 / 55	.7	1.7	.4	.3	.7	.1	.1											23	23	22	19		
54 / 53	.6	1.0		.4	.4	.4	.4											23	29	21	17		
52 / 51		1.3	.6	.4	.4	.1												22	20	14	22		
50 / 49	.7	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	.7	2.1	.7													45	45	39	27		
40 / 39		4.0	2.2	1.7	.6													61	61	34	14		
38 / 37	.1	1.4	1.3	2.1														39	39	25	45		
36 / 35	.1	1.4	2.3	.8														37	37	39	41		
34 / 33		2.3	1.5	1.5														42	42	31	33		
32 / 31	.1	3.3	2.5	.7														55	55	55	55		
30 / 29	.3	3.0	1.5	.1														42	42	46	52		
28 / 27		3.8	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																					2		
2 / 1																					1		
0 / -1																					5		
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

NOV
MONTH

7000-5200
HOURS L. S. T.

[illegible]

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

PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL MO
STATION	STATION NAME

73-37

YEARS

408

MONTH

Page 1

7300-0500

HOURS 11:30-5:30

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		.1		.4	.4	.3												9	9					
62 / 61		.6	.5	.3		.1												11	11	4	3			
60 / 59	.3	1.0	1.1	.4	.1													21	21	7	4			
58 / 57	.1	.6	.6	.7		.4												17	17	16	7			
56 / 55	.7	.7	.3	.1	.1	.4												17	17	12	16			
54 / 53	.3	1.3	.6	.4	.1													19	19	16	15			
52 / 51	.4	1.1	.1	.6	.1	.4												20	20	20	19			
50 / 49	.1	1.1	.1	.6	1.1													21	21	9	14			
48 / 47	.7	3.2	.4	.2	.3	.3												38	38	22	17			
46 / 45		.7	.3	1.5	.3													20	20	28	20			
44 / 43		.7	1.8	2.9	.1													40	40	16	14			
42 / 41		2.9	1.4	1.4	.7													43	43	31	10			
40 / 39	.1	3.9	3.2	1.7	.6													65	65	47	24			
38 / 37		4.2	2.6	1.9														63	63	60	28			
36 / 35		2.4	1.3	.3														26	26	60	42			
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	33			
28 / 27	.3	4.9	1.1															45	45	56	47			
26 / 25	.6	2.6	.7															25	28	64	45			
24 / 23		1.9	.1															15	15	27	20			
22 / 21	.3	1.5	.3															15	15	16	58			
20 / 19	.7	2.2																18	18	19	40			
18 / 17	.1	.3																3	3	11	35			
16 / 15		.6																4	4	3	31			
14 / 13		.4																3	3	6	9			
12 / 11																					12			
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)	Σ X ²		Σ X		X		X		No. Obs.		Mean No. of Hours with Temperature													
Rel. Num.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-01

YEARS

NOV

MONTH

PAGE 2

2350-3540

HOURS (S. T.)

[illegible]

GLOBAL CLIMATE SYSTEM
USAFETAC
AIR WEATHER SERVICE/AL

PSYCHROMETRIC SUMMARY

STATION 07447 KANSAS CITY INTL MO STATION NAME 73-50 YEARS NOV 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			
66 / 61				.2														2	2					
64 / 63		.3	.4	.1														6	6					
62 / 61		.4	.5	.2	.1													19	19	4	1			
60 / 59	.1	1.4																12	12	11	7			
58 / 57	.1	.4	.4	.1	.1	.1	.1											10	10	16	11			
56 / 55	.1	1.7	.1	.1	.1	.4												20	20	14	10			
54 / 53	.1	1.3	.7	.6	.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	18	15			
48 / 47	1.1	1.4	.6	.6														27	27	15	13			
46 / 45		1.9	1.1	1.1	.7													31	31	22	18			
44 / 43	.1	1.5	2.4	1.7														41	41	33	18			
42 / 41		1.3	1.9	1.7														35	35	43	15			
40 / 39	.4	2.6	2.6	1.1														49	49	73	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	40			
34 / 33	.1	2.1	1.1	.6														28	28	55	42			
32 / 31	.6	5.1	3.2	.6														68	68	39	60			
30 / 29	.4	3.1	3.1	.1														43	43	56	46			
28 / 27	.3	4.7	1.5	.1														43	43	49	44			
26 / 25	.3	3.6	1.1															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	6			
0 / -1																					1			
Element (X)	Σ X ²			Σ X			X	Σ X			Σ 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																								

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

72-33'

YEARS

NOV
MONTH

PAGE 2

0678-0844

HOURS 1, 5, 7.

[illegible]

GLOBAL CLIMATE SYSTEM - ANCH
USAFETAC
AIR WEATHER OFF-VIC/140

PSYCHROMETRIC SUMMARY

03/47 STATION KANSAS CITY INTL MO 73-51 YEARS NOV MONTH
PAGE 1 0910-1100 HOURS U.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		.1	.1											4	4																				
66 / 65		.1	.3	1.1			.1	.1	.1									14	14																				
64 / 63		.1	.6	.6	.1			.4										14	14	3																			
62 / 61		.4	1.1	.1	.4	.6	.1	.4										23	23	7	3																		
60 / 59		.4	.6	.7	.1	.1	.7											19	19	19	7																		
58 / 57		1.3	.4	.5	.1	.7	.4											28	28	23	14																		
56 / 55	.3	.4	.3	1.3	.4	1.3	.7											32	32	19	24																		
54 / 53	.1	.7	.6	.4	.1	.6												25	25	21	13																		
52 / 51		1.3	.1	.4	1.1	.3	.1	.1										27	27	16	12																		
50 / 49	.1	1.1	.7	1.3	1.4	.3	.1		.1									34	34	25	15																		
48 / 47	.4	.3	.7	1.5	1.4	.8	.1											37	37	29	19																		
46 / 45	.1	1.4	1.3	1.5	1.1	.7												52	52	35	17																		
44 / 43	.1	1.3	1.5	1.3	.7	.3												37	37	44	19																		
42 / 41		1.5	1.1	1.7	.7		.1											37	37	53	25																		
40 / 39	.3	1.9	2.4	1.3	.1													48	48	45	34																		
38 / 37	.1	2.6	2.9	1.8	.7													55	55	49	35																		
36 / 35		1.8	1.5	1.2	.3													40	40	57	47																		
34 / 33		1.4	2.9	.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	1.3	.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	12																		
12 / 11		.4																3	3	5	6																		
10 / 9		.1																1	1	2	4																		
Element (X)	Σ X ²			Σ X			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																																							

PSYCHROMETRIC SUMMARY

03947	WASASAL CITY INTL
STATION	STATION NAME

73-57

YEARS

NOV
MONTH

PAGE 2

1900-1100
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		.1																1	1	1	4				
6		.1																1	1	2	2				
5																					2				
4																					4				
3																					1				
2																					1				
1																					1				
0																					1				
-1																					1				
-2																					1				
TOTAL	7.2	10.4	26.9	18.3	11.3	6.3	2.2	.8	.4									720	720	720	720				
																		</							

PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL MO
STATION	STATION NAME

73-60

YEARS

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PAGE 1

147C-147D

HOURS 1, 5, 7, 11

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 / 91								.1		.4		.3						6	6																
73 / 77							.1			.1	.1							3	3																
76 / 75									.1	.3								3	3																
74 / 73						.3			.1		.3							5	5																
72 / 71					.1	.1		.2	.1		.3							7	7																
70 / 69				.6	1.0	.4	.1	.1	.1	.4								20	20																
66 / 67			.1	.7	.3	.3	.3	.3	.7	.3								21	21	1															
66 / 65			.1	1.0	.7	.1	.7	.3	.3	.1								21	21	1															
64 / 63		.6	.7	.3	.7	1.3	.6	.4	.7									35	35	12															
62 / 61		.3	.3	.3	1.7	.7	1.1	1.3	.7									33	33	14	7														
61 / 59		.3	.2	.4	.1	.6	.7	.6										22	22	25	9														
58 / 57		1.1	.3	.3	1.1	1.3	.4	.2										32	32	22	20														
56 / 55	.1	.2	.1	.4	.7	1.0	.7		.1									25	25	33	20														
54 / 53		.2	.7	1.1	1.3	1.7	1.4											41	41	25	11														
52 / 51		.3	.7	.7	.7	1.7	2.2	.7	.1									43	43	28	17														
51 / 49	.2	1.1	1.2	1.3	.7	1.3	1.1											52	52	41	22														
48 / 47		.4	.5	.3	1.1	1.4	.4											37	37	44	36														
46 / 45		1.1	1.1	.3	1.1	1.0	.1											38	38	33	20														
44 / 43		1.1	.6	.7	.7	1.1												27	27	55	21														
42 / 41		.1	1.3	.2	1.7	.1	.1											34	34	41	20														
40 / 39		.6	.5	1.4	1.1	.3												41	41	50	33														
36 / 37		1.5	2.2	2.1	.7													46	49	52	30														
36 / 35	.1	.5	.7	.3	.4													21	21	48	32														
34 / 33	.7	.1	1.1	1.3	.7													23	23	54	60														
32 / 31		1.5	1.1	.3	.5													23	23	22	51														
30 / 29		1.7	.4	.1	.1													14	14	37	42														
28 / 27		.4	.7	.6														12	12	22	39														
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	40														
20 / 19		.1	.3															3	3	6	36														
18 / 17			.3															2	2	1	23														
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																								
Rel. Num.											$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

07547	KANSAS CITY INTL
STATION	STATION NAME

73-61

YEARS

NOV
MONTH

PAGE 2

1200-1400
HOURS L. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

02947	KANSAS CITY INTL MO
STATION	STATION NAME

73-27

YEARS

400

PAGE 1

100-170
NOV 15 1957

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 / 61									.1	.1		.7						4	4													
72 / 70									.3									2	2													
70 / 77									.1	.1		.7		.1				5	5													
70 / 75									.1	.1		.7		.7				6	6													
74 / 73									.1	.1		.1						3	3													
70 / 71						.6	.1	.1	.1		.3		.1					6	6													
70 / 69				.3	.1	.3	.3	.1	.1	.7								11	11													
68 / 67			.1	.3	.3	.1		.4	.6									11	11													
68 / 65			.7	1.1	.4	1.3	.4	.4	.3	.4								37	27	1												
64 / 63			.6	.3	.1	.6	.4	.1	1.7									24	24	3												
62 / 61		.7	.1	.4	.4	.4	.3	1.1	.1									25	25	20	1											
60 / 59		.1	.4	.3	.3	.7	.6	1.3										28	28	24	1											
58 / 57		1.1	.4	.1	.7	1.4	.7	1.1										37	37	30	16											
58 / 55		.1	.4		1.4	.4	1.1	.7	.3									29	29	32	10											
54 / 53		.4		.7	1.4	1.7	.8	.3										40	40	25	18											
52 / 51		.7	1.4	.3	1.3	1.6	1.3	.7										46	43	29	15											
50 / 49	.4	.6	.7	.6	1.7	1.6	.7	.4										42	42	28	18											
48 / 47	.1	.7	.4	1.1	1.3	1.7	.3											41	41	36	31											
48 / 45		.7	.3	.5	1.3	1.3	.1											38	38	31	13											
44 / 43		1.3	.6	.6	.3	1.7												30	30	53	41											
42 / 41		.3	1.3	1.1	1.1	.3												33	33	55	26											
40 / 39		.3	.3	.3	1.2													34	34	38	20											
38 / 37	.7	1.4	1.5	1.7	1.1													43	43	46	40											
36 / 35	.1	1.4	1.2	.7	.4													26	26	45	47											
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	.6	.3	.4	.1													13	13	25	46											
28 / 27		.4	.3	.4														8	8	23	44											
26 / 25		1.3	.7	.4														15	15	17	34											
24 / 23		.3	.7															4	4	15	20											
22 / 21		.1	.4															4	4	6	37											
20 / 19			.1															1	1	5	40											
18 / 17			.1															1	1	4	30											
16 / 15			.1															1	1		14											
Element (X)	Σ X ²			Σ X			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																																

PSYCHROMETRIC SUMMARY

07947	NR SAS CITY INTL
STATION	STATION NAME

73-00

YEARS

404

MONTH

2257

1500-1700

HOURS : 5. 5. 7.

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
11 / 11																				5	7
10 / 7																					7
9 / 7																					7
8 / 7																					7
7 / 7																					7
6 / 7																					7
5 / 7																					7
4 / 7																					7
3 / 7																					7
2 / 7																					7
1 / 7																					7
TOTAL	1.3	19.4	16.3	14.7	17.	10.6	7.7	6.3	3.4	.8	.1	.7	.1					712	712	712	712

PSYCHROMETRIC SUMMARY

02947	KANSAS CITY INTL MO
STATION	STATION NAME

73-57

YEARS

P. C. V.
MONTH

PAGE 1 1800-2000
HOURS S. S. T.

[illegible]

GENERAL CLIMATE DATA
 USAFETAC
 AIR WEATHER SERVICE/MAO

PSYCHROMETRIC SUMMARY

07547 KANSAS CITY INTL
 STATION STATION NAME

73-81

YEARS

ACV

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			
67 / 67																		5	5					
66 / 66																		4	4					
65 / 65																		3	3					
64 / 64																		2	2					
63 / 63																		1	1					
62 / 62																		0	0					
61 / 61																		0	0					
60 / 60																		0	0					
59 / 59																		0	0					
58 / 58																		0	0					
57 / 57																		0	0					
56 / 56																		0	0					
55 / 55																		0	0					
54 / 54																		0	0					
53 / 53																		0	0					
52 / 52																		0	0					
51 / 51																		0	0					
50 / 50																		0	0					
49 / 49																		0	0					
48 / 48																		0	0					
47 / 47																		0	0					
46 / 46																		0	0					
45 / 45																		0	0					
44 / 44																		0	0					
43 / 43																		0	0					
42 / 42																		0	0					
41 / 41																		0	0					
40 / 40																		0	0					
39 / 39																		0	0					
38 / 38																		0	0					
37 / 37																		0	0					
36 / 36																		0	0					
35 / 35																		0	0					
34 / 34																		0	0					
33 / 33																		0	0					
32 / 32																		0	0					
31 / 31																		0	0					
30 / 30																		0	0					
29 / 29																		0	0					
28 / 28																		0	0					
27 / 27																		0	0					
26 / 26																		0	0					
25 / 25																		0	0					
24 / 24																		0	0					
23 / 23																		0	0					
22 / 22																		0	0					
21 / 21																		0	0					
20 / 20																		0	0					
19 / 19																		0	0					
18 / 18																		0	0					
17 / 17																		0	0					
16 / 16																		0	0					
15 / 15																		0	0					
14 / 14																		0	0					
13 / 13																		0	0					
12 / 12																		0	0					
11 / 11																		0	0					
10 / 10																		0	0					
9 / 9																		0	0					
8 / 8																		0	0					
7 / 7																		0	0					
6 / 6																		0	0					
5 / 5																		0	0					
4 / 4																		0	0					
3 / 3																		0	0					
2 / 2																		0	0					
1 / 1																		0	0					
0 / 0																		0	0					
Element (X)	Σ X²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL MO
STATION	STATION NAME

2000

YEARS

NOV
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

27947	KANSAS CITY INTL
STATION	STATION NAME

7 :- .

YEARS

204

MONTH

PAGE 1

All

HOURS **S. T.**

[illegible]

PSYCHROMETRIC SUMMARY

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-52

YEARS

250

MONTH

PAGE 1

7673-0250

HOURS: 5-10

[illegible]

PSYCHROMETRIC SUMMARY

DEC
MONTH

525

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

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO
STATION STATION NAME

73-81

YEARS

DEC

MONTH

PAGE 1

0300-0500

HOURS (L, S, T, 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				.4														3	3					
60 / 59			.2															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	.2													4	4	3				
48 / 47		.3		.5	.4													9	9	5	2			
46 / 45	.1	.7	.5	.4	.7	.3												17	17	5	4			
44 / 43	.1	.4	1.1	.5		.4												19	19	9	9			
42 / 41		.5	.1	.5	.5													13	13	13	4			
40 / 39	.1	.4	.9	.7	.4													19	19	17	17			
38 / 37	.1	1.5	1.6	.8	.4													23	33	13	4			
36 / 35	.4	2.7	1.9	1.2														49	49	33	19			
34 / 33		4.3	3.4	.3														67	67	49	17			
32 / 31	.7	7.8	3.8	.9														92	92	75	43			
30 / 29		7.1	2.4	.3														73	73	96	44			
28 / 27	.3	4.7	1.5															48	48	77	47			
26 / 25	.4	3.5	1.1	.1														40	40	60	66			
24 / 23	.1	2.4	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		3.9	.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	.7																	2	2	4	5			
-2 / -3	.1																	1	1	1	12			
Element (X)	ΣX^2		ΣX		$\bar{X}$	σ_x	No. Obs.		Mean No. of Hours with Temperature										Total					
Ref. Num.									$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$										
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 2

7300-0500
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				
-4/-5	.4																	3	7	3	5				
-6/-7	.1																	1	1	1					
-8/-9	.4																	3	7	3	4				
-10/-11																					5				
-12/-13																					5				
-14/-15																					3				
TOTAL	1.3	0.3	0.4	7.5	0.7	.7												744	744	744	744				

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

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

07947 KANSAS CITY INTL MO
STATION STATION NAME

73-00

YEARS

SFC
MONTH

PAGE 1

7000-0800
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
64 / 63			.1															1	1		
62 / 61			.5															4	4		
60 / 59			.5	.1														5	5	1	
58 / 57			.1															1	1	5	
56 / 55																				4	4
54 / 53			.4															3	3	1	
52 / 51		.8	.4															9	9	2	
50 / 49																				7	6
48 / 47		.3	.4	.3														7	7	4	3
46 / 45		.5	.5	.5	.1													16	16	3	
44 / 43		.5	.4															7	7	9	
42 / 41		.3	.3	1.3	.1													15	15	7	
40 / 39	.4	.8	.9	.4	.7													23	23	14	5
38 / 37	.1	1.2	.7	.7	.3													26	26	15	
36 / 35	.1	2.6	1.7	.8														39	39	28	7
34 / 33		4.4	3.5	.5														63	53	39	23
32 / 31	.5	8.2	3.8	.5														99	99	60	32
30 / 29	.7	6.7	1.7	.1														69	69	172	47
28 / 27	.7	5.5	1.2	.4														58	53	58	38
26 / 25	.5	3.8	.7	.4														40	47	51	71
24 / 23		3.1	.7	.1														29	29	47	55
22 / 21	.7	3.6	1.2															41	41	41	54
20 / 19	.4	4.0	.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		3.7	.3															24	24	26	35
12 / 11	.3	2.8	.3															19	19	31	24
10 / 9	.1	.9																8	3	12	32
8 / 7	.1	1.2																10	10	9	30
6 / 5	.5	.7																9	9	15	13
4 / 3	.5	.7																9	9	8	17
2 / 1	.3	1.2																11	11	10	15
0 / -1	.3																	2	2	5	3
-2 / -3	.1																	1	1	1	14
Element (X)	Σ X²		Σ X		Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL
STATION	STATION NAME

73-51

YEARS

UFC
MONTH

PAGE 5

2020-3920
HOURS L. S. T. I

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/ IAD

PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO 70-80 1980-1180
STATION STATION NAME YEARS MONTH HOURS U.S.T.

PAGE 1 1980-1180

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		.7	.1	.1	.1													5	5	6	4														
54 / 53			.1			.7	.1											4	4	3	3														
52 / 51		.4	.5	.3		.3												11	11	2	3														
50 / 49			.7	.1	.4	.3												3	8	6	5														
48 / 47		.3	.4	.4	.5	.4	.1											16	16	5	2														
46 / 45		.7	.5	.2	.7	.1												21	21	6	3														
44 / 43		.3	.3	2.3	.3	.3												29	29	12	9														
42 / 41		.3	.5	1.5	.4	.1												31	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	.7													49	49	25	11														
36 / 35	.1	2.4	4.3	1.9	.7													65	69	49	13														
34 / 33	.1	5.4	3.5	.9	.1													73	75	67	29														
32 / 31	.1	6.6	1.9	.3	.1													71	71	81	49														
30 / 29	.5	5.6	3.1	.4														72	72	91	34														
28 / 27		3.9	1.9	.3														45	45	64	64														
26 / 25	.1	1.6	1.5	.1														25	25	55	54														
24 / 23		1.9	.8															20	20	31	57														
22 / 21	.4	2.4	1.3															31	31	32	63														
20 / 19	.4	2.3	.9															24	24	25	55														
18 / 17		1.3	.7															15	15	26	27														
16 / 15		2.2	.4															19	19	15	27														
14 / 13	.1	2.3	.5															22	22	21	28														
12 / 11	.4	.9	.3															12	12	18	26														
10 / 9		1.5																11	11	19	25														
8 / 7		.5																6	5	10	22														
6 / 5	.1	.5																5	5	9	13														
4 / 3		1.1																8	8	3	6														
2 / 1		.1																1	1	6	22														
0 / -1	.1																	1	1	2	4														
-2 / -3	.3	.1																3	3	3	6														
Element (X)	Σ x²			Σ x			x̄			s²			No. Obs.			Mean No. of Hours with Temperature						Total													
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

1

C

73-45

YEARS

$$\frac{150}{500}$$

PAGE 2 0400-1107
HOURS 10:50-11:00

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

PSYCHROMETRIC SUMMARY

12347	KANSAS CITY INTL
STATION	STATION NAME

73-5000

YEARS

DEC
MONTH

PAGE 1 1200-1400
HOURS 12.5.1

[illegible]

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-51

YEARS

CEC

MONTH

PAGE 3

1270-1400

HOURS (L, S, T,)

[illegible]

GLOBAL CLIMATOLOGY
USAFETAC
AFB WEATHER SERVICE/PAO

PSYCHROMETRIC SUMMARY

37947 KANSAS CITY INTL MO
STATION STATION NAME

73-80

YEARS

PAGE 1 DEC
MONTH
1980-1730
HOURS U.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 / 49						.1												1	1													
68 / 57						.1	.1											2	2													
66 / 55				.1	.1	.1	.1											4	4													
64 / 63				.1	.4	.4	.1		.1	.1								10	10													
62 / 51			.4			.1	.1	.1	.3									12	12													
60 / 59				.1		.4	.3	.5	.1									11	11	3												
58 / 57						.1	.7		.3									7	7	5												
56 / 55				.4	.3	.4	.3	.4										21	21	6	3											
54 / 53			.1	.2	.1	.6		.1										16	16	10	3											
52 / 51			.7	.3	.7	1.5	.7											26	28		2											
50 / 49			.3	.1	1.2	.8	.4	.1										22	22	17	7											
48 / 47				.7	1.3	.4	.7	.3										27	27	20	7											
46 / 45		.3	.1	1.3	1.4	.4	.5											31	31	15	9											
44 / 43		.7	.7	2.3	1.7	1.3	.1	.3										53	53	29	15											
42 / 41	.1	.5	1.2	.6	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														51	51	60	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	26											
32 / 31	.1	3.9	2.6	.7	.7													59	59	71	37											
30 / 29		.8	2.7	.9	.2													35	35	79	63											
28 / 27		.3	1.9	1.2	.3													31	31	35	71											
26 / 25		.4	2.3	.9														27	27	35	56											
24 / 23		.5	1.5	.3														19	19	27	40											
22 / 21		.9	1.1															15	15	32	34											
20 / 19	.1	1.5	.9	.1														21	21	70	46											
18 / 17		.5	.7															9	9	16	40											
16 / 15		.3	.5															10	10	11	35											
14 / 13		.4	.4															6	6	10	21											
12 / 11	.4	.4	.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	15											
Element (X)	Σ X ²		Σ X		X		°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																																

GLOBAL CLIMATE DATA
USAFETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO
STATION STATION NAME

73-87

YEARS

DEC

MONTH

PAGE 1

1870-2000

HOURS U.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					.4																													
62/ 61				.1																														
60/ 59				.5	.1																													
58/ 57			.3	.3	.2	.1																												
56/ 55			.3	.4	.2	.2	.1	.1																										
54/ 53			.3	.3	.2	.2	.3	.1																										
52/ 51			.3	.3	.2	.1	.2	.1																										
50/ 49			.2	.7	.2	.2	.1																											
48/ 47		.3	.3	.4	.4	.4																												
46/ 45		.1	.7	.4	.4	.4	.1																											
44/ 43		.7	.1	2.0	.4	.4	.3																											
42/ 41	.1	.4	1.5	1.7	.5	.4																												
40/ 39		1.7	2.3	.7	2.4																													
38/ 37		2.7	2.3	2.3	.4	.3																												
36/ 35	.4	.7	2.4	1.6	.3	.3																												
34/ 33		1.9	2.6	1.5	.7	.1																												
32/ 31	.4	6.6	4.3	2.0																														
30/ 29	.1	5.3	2.3	.7																														
28/ 27		1.5	1.3	.3																														
26/ 25		1.9	2.3	.9	.1																													
24/ 23		.9	2.3	.5																														
22/ 21		1.3	1.5																															
20/ 19	.1	2.7	1.3	.1																														
18/ 17		1.3	.3																															
16/ 15		1.6	.7																															
14/ 13		1.2	.7																															
12/ 11		1.1	.1																															
10/ 9	.1	.7	.2																															
8/ 7		.1	.3																															
6/ 5		.1																																
4/ 3		.3																																
2/ 1		.3																																
0/ -1	.3	.4																																
-2/ -3	.1																																	
Element (X)	Σ x ²			Σ x			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature						Total												
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F													
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-82

YEARS

DEC
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

07547	KANSAS CITY INTL MO
STATION	STATION NAME

73-30

YEARS

DEC
MONTH

PAGE 1

ALL

HOURS (S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

0.50
MONTH

PAGE 2

ALL

HOURS 11.5. T.1

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAO

PSYCHROMETRIC SUMMARY

02947 KANSAS CITY INTL MO 73-01 ALL
STATION STATION NAME YEARS MONTH ALL
PAGE 1 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	17	17				
104/103																		.0	32	32				
102/101																		.0	45	45				
100/99																		.0	61	61				
98/97																		.0	122	122				
96/95																		.0	267	267				
94/93																		.0	384	384				
92/91																		.0	551	551				
90/89																		.0	659	659				
88/87																		.0	889	889				
86/85																		.0	1169	1169				
84/83																		.0	1303	1303				
82/81																		.0	1551	1551	41			
80/79																		.0	1899	1899	267			
78/77																		.0	1902	1902	879			
76/75																		.0	2247	2247	1658			
74/73																		.0	2300	2300	2516			
72/71																		.0	2650	2650	2568			
70/69																		.0	2972	2972	3123			
68/67																		.0	2550	2550	3195			
66/65																		.0	2543	2543	2808			
64/63																		.0	2397	2397	2906			
62/61																		.0	2413	2413	2609			
60/59																		.0	2176	2176	2667			
58/57																		.0	2092	2092	2589			
56/55																		.0	1984	1984	2464			
54/53																		.0	1975	1975	2316			
52/51																		.0	1862	1862	1972			
50/49																		.0	1740	1741	1943			
48/47																		.0	1653	1654	2171			
46/45																		.0	1643	1643	2097			
44/43																		.0	1729	1729	2093			
42/41																		.0	1606	1606	1950			
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								
No. Obs.																		Mean No. of Hours with Temperature						
																		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total

GLOBAL CLIMATOLOGY - VICH
USAFETAC
AIR WEATHER SERVICE/AD

PSYCHROMETRIC SUMMARY

03547 KANSAS CITY INTL MO
STATION STATION NAME

73-81

YEARS

ALL
MONTH

PAGE 1

ALL
HOURS 100 S. 10

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	.6	.3	.0	.											1902	1902	1942	1925
38 / 37	.1	.6	.9	.7	.1	.0	.											1822	1822	2126	1957
36 / 35	.1	.5	1.1	.5	.1	.7	.											1862	1862	2044	1949
34 / 33	.1	1.2	1.1	.4	.1	.7	.											1979	1979	2303	2069
32 / 31	.1	1.7	1.2	.4	.	.	.											2442	2442	2305	2900
30 / 29	.1	1.3	.5	.1	.	.	.											1743	1743	2550	2420
28 / 27	.1	1.3	.5	.1	.	.	.											1272	1272	2050	2330
26 / 25	.1	.9	.5	.1	.	.	.											1173	1133	1650	2343
24 / 23	.	.7	.3	.1	.	.	.											776	776	1153	1561
22 / 21	.1	.7	.4	.	.	.	.											500	500	1015	1890
20 / 19	.1	.9	.4	.	.	.	.											929	929	921	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	650	864
12 / 11	.1	.6	.1	.	.	.	.											519	519	660	799
10 / 9	.1	.5	.3	.	.	.	.											413	413	553	782
8 / 7	.	.4	.2	.	.	.	.											325	325	421	729
6 / 5	.	.3	.	.	.	.	.											205	205	317	461
4 / 3	.1	.3	.	.	.	.	.											254	254	260	539
2 / 1	.1	.3	.	.	.	.	.											263	263	263	614
0 / -1	.2	.1	.	.	.	.	.											175	175	208	351
-2 / -3	.1	.1	.	.	.	.	.											103	103	119	363
-4 / -5	.1	.	.	.	.	.	.											95	95	102	305
-6 / -7	.1	.	.	.	.	.	.											63	63	83	205
-8 / -9	.1	.	.	.	.	.	.											71	71	72	220
-10 / -11	.	.	.	.	.	.	.											23	23	23	173
-12 / -13	.	.	.	.	.	.	.											11	11	11	69
-14 / -15	.	.	.	.	.	.	.														100
-16 / -17	.	.	.	.	.	.	.														79
-18 / -19	.	.	.	.	.	.	.														100
-20 / -21	.	.	.	.	.	.	.														40
-22 / -23	.	.	.	.	.	.	.														0
-24 / -25	.	.	.	.	.	.	.														1
-26 / -27	.	.	.	.	.	.	.														1
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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YEARS

PAGE 2

511

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

3447		KANSAS CITY INTL MO												73-81	
STATION		STATION NAME												YEARS	
HRS	1ST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
0-02	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	
	S D	13.778	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	
0-05	MEAN	19.6	26.1	36.8	49.3	56.4	65.3	71.0	68.8	60.5	49.5	36.1	28.1	47.6	
	S D	13.666	13.877	12.095	10.196	8.228	6.668	5.643	6.042	8.928	9.888	11.698	11.253	19.647	
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766	
6-08	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	
	S D	13.605	13.773	12.126	10.228	8.314	6.509	5.821	5.928	8.827	9.741	11.914	11.513	20.595	
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766	
8-11	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	
	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	
12-14	MEAN	23.5	35.2	48.0	62.4	70.7	81.0	87.5	84.2	75.1	64.2	48.6	36.7	60.2	
	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	
16-17	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	
	S D	13.752	15.690	13.813	11.561	8.751	7.149	7.887	7.757	10.019	11.785	13.014	12.267	22.588	
	TOTAL OBS	744	678	744	719	744	720	744	744	720	744	719	744	8764	
18-20	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	
	S D	13.349	14.516	12.857	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	
21-23	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	52.0	
	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	
ALL HOURS	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	
	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	7011	

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

7547 KANSAS CITY INTL MO

73-81

STATION	STATION NAME	YEARS												
HRS /LT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	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
	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
3-05	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
	S D	12.729	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
6-08	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
	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
9-11	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
	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
12-14	MEAN	24.2	30.3	41.0	52.8	60.9	68.8	73.2	71.6	64.4	53.9	41.8	31.5	51.3
	S D	11.846	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
15-17	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
	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
18-20	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
	S D	12.027	12.151	10.655	8.853	7.575	5.899	4.445	4.987	8.003	9.705	10.551	10.143	18.838
	TOTAL OBS	744	678	743	720	741	720	744	744	720	744	720	744	8762
21-23	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
	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
ALL HOURS	MEAN	20.7	26.9	37.4	49.1	57.5	65.8	70.2	68.4	60.7	49.6	38.0	28.3	47.8
	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

0347 KANSAS CITY INTL MO

73-81

STATION	STATION NAME	YEARS												
HRS EST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-30	MEAN	12.0	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
3-15	MEAN	11.9	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
6-18	MEAN	11.2	17.4	28.8	41.4	51.6	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
9-11	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

RELATIVE HUMIDITY

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	7.3	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	68.6	743
	12-14	100.0	100.0	99.4	89.7	70.2	43.8	25.1	14.4	5.0	60.3	744
	15-17	100.0	100.0	99.5	87.2	65.9	40.3	23.9	12.1	3.9	58.8	744
	18-20	100.0	100.0	99.5	97.4	82.9	56.7	30.6	14.5	4.3	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	66.1	5951

GLOBAL CLIMATOLOGY BRANCH
ASBESTAC
AT WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03947 KANSAS CITY INTL MO
STATION STATION N.

74-81

FFL
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	99.1	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	60.3	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	679
	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	5.3	67.1	5422

RELATIVE HUMIDITY

3047 KANSAS CITY INTL MO
STATION STATION NA

74-81

4. A R

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	77.9	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	98.0	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	60.0	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

CLINICAL CLIMATOLOGY BRANCH
LEAFLET
ALL-WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13747	KANSAS CITY INTL MO
STATION	STATION NAME

74-21

2011
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%		
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	78.9	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	73.8	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

RELATIVE HUMIDITY

3947	KANSAS CITY INTL MO
STATION	STATION NAME

74-81

PERIOD

MAY
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	81.4	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	10.6	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	66.3	5945

JUN
MONTH

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%		
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	32.8	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

RELATIVE HUMIDITY

JUL
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	10.3	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	26.1	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

AUG
MONTH

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%		
AUG	00-02	100.0	100.0	100.0	99.6	96.5	85.1	69.8	48.7	14.5	76.8	744
	03-05	100.0	100.0	100.0	99.6	98.7	93.0	76.6	60.1	20.6	81.0	744
	06-08	100.0	100.0	99.9	99.3	98.0	93.0	79.3	58.1	21.1	80.3	744
	09-11	100.0	100.0	98.9	95.3	82.7	60.3	37.5	25.7	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	52.7	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	65.0	5952

SEP
MONTH

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%		
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	68.0	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	65.6	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
JFATAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

3947 KANSAS CITY INTL MO
STATION STATION

73-92

207

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	71.4	76.1	56.5	73.3	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	75.9	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	60.4	744
	21-23	100.0	100.0	99.3	94.5	83.5	66.1	42.5	23.0	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

DIGITAL CLIMATOLOGY BRANCH
 NOAA/ETAC
 AND WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7047 KANSAS CITY INTL MO
STATION STATION NO

75-80

NOV
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	40.7	15.0	75.4	720
	09-11	100.0	99.9	99.7	95.9	83.5	64.9	47.1	25.1	10.4	63.4	720
	12-14	100.0	99.9	95.1	80.0	59.4	42.2	27.4	15.0	5.4	58.0	720
	15-17	100.0	99.7	94.4	78.0	54.9	37.8	26.1	16.0	5.0	56.6	719
	18-20	100.0	100.0	99.4	94.2	76.8	56.3	36.7	22.6	6.5	64.0	720
	21-23	100.0	100.0	100.0	96.8	87.2	69.2	45.7	26.5	9.5	59.2	720
TOTALS		100.0	99.9	98.6	93.1	81.0	65.0	46.2	27.6	9.3	67.7	5759

GLOBAL CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/NAO

RELATIVE HUMIDITY

3147 KANSAS CITY INTL MO
STATION STATION

73-20

250
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	99.3	92.5	80.0	59.7	37.3	5.6	71.7	744
	03-05	100.0	100.0	100.0	99.1	94.4	83.6	64.8	41.3	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	74.0	744
	09-11	100.0	100.0	99.9	96.3	88.7	73.0	51.2	26.2	5.5	69.7	744
	12-14	100.0	99.7	97.2	87.2	68.6	47.0	28.1	14.2	2.3	60.0	744
	15-17	100.0	99.7	95.3	84.0	65.6	42.6	25.3	11.3	3.0	58.2	744
	18-20	100.0	100.0	98.3	93.4	83.6	64.8	39.2	15.4	7.6	65.4	744
	21-23	100.0	100.0	99.6	97.0	89.1	74.1	50.0	23.0	4.4	69.3	744
TOTALS		100.0	99.9	98.8	94.7	84.6	68.6	48.3	23.3	5.2	67.0	5951

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AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/6 4/2
KANSAS CITY IAP, MISSOURI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-82/003

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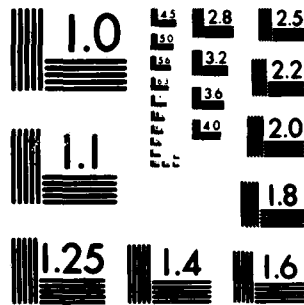
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

3947 KANSAS CITY INTL MO
STATION STATION NAME

73-81

PERIOD

ALL
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	ALL	100.0	100.0	99.3	96.0	84.9	65.4	40.3	20.2	6.1	66.5	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	63.5	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

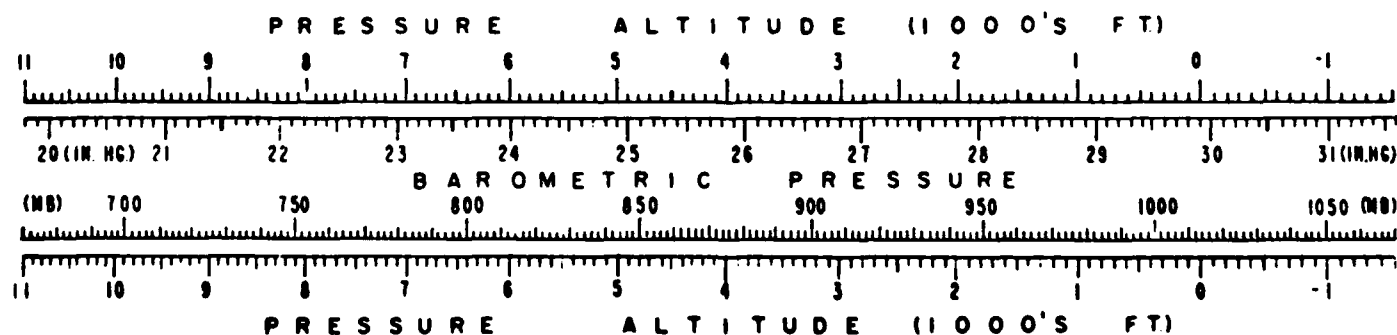
PRESSURE SUMMARY

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.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

33947 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	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
3	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
6	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
9	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	28.957	28.957	28.896
	S D	.254	.253	.245	.200	.150	.146	.095	.112	.147	.190	249	249	.205
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	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
USAF ETAC
AF 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	1ST	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	248	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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