

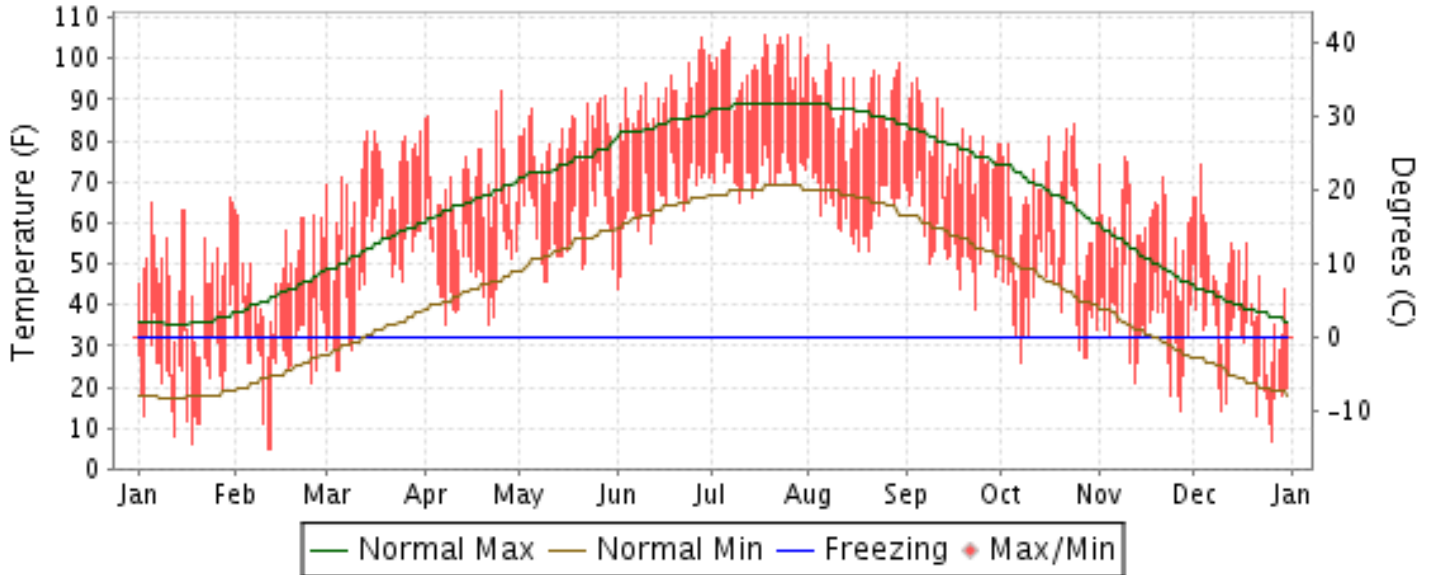


# 2012 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

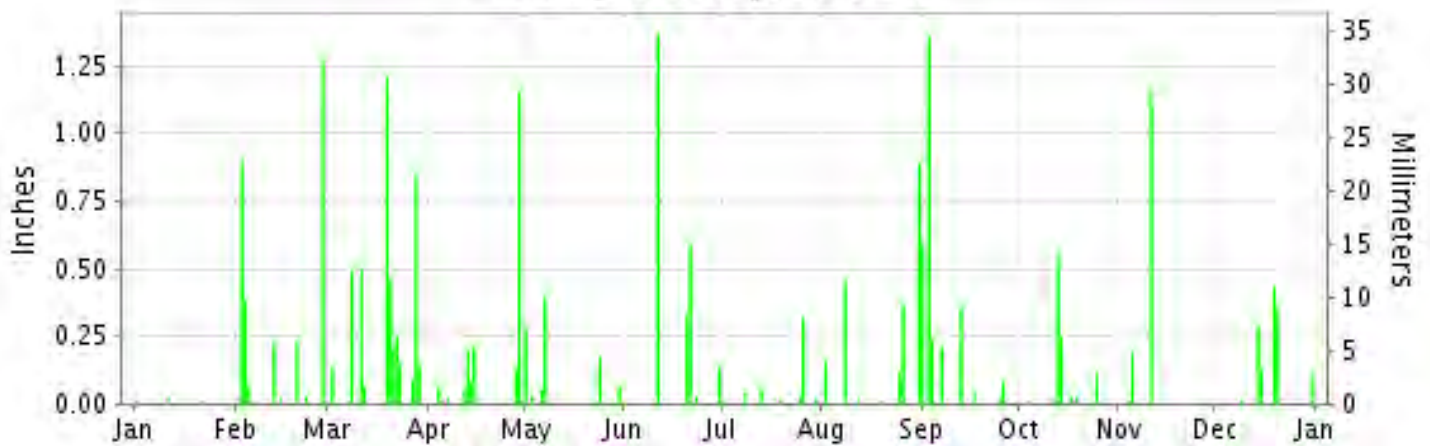
ISSN 0198-2850

## KANSAS CITY, KANSAS CITY, MISSOURI (KMCI)

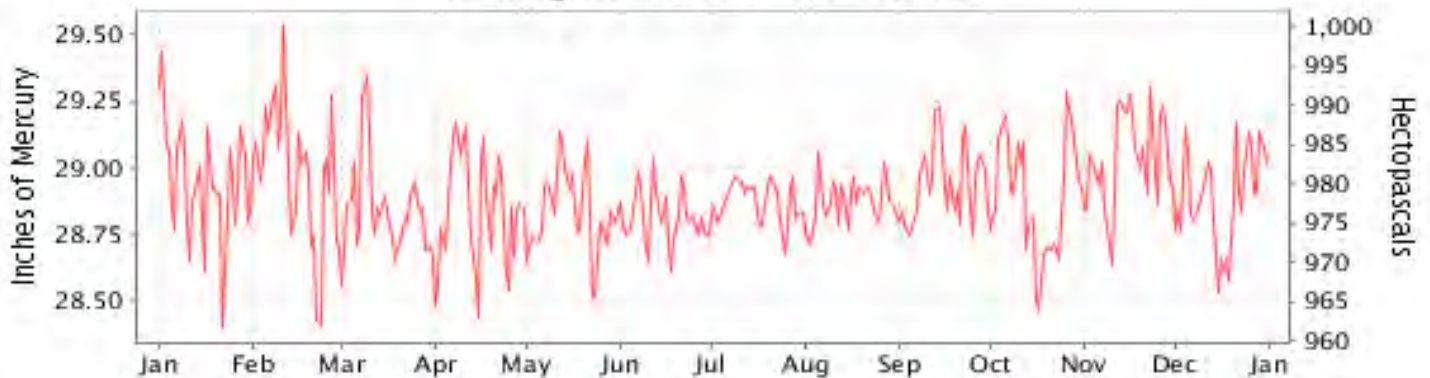
### Daily Max/Min Temperature



### Daily Precipitation



### Daily Station Pressure



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NORTH CAROLINA

*Thomas R. Karl*  
DIRECTOR  
NATIONAL CLIMATIC DATA CENTER

# METEOROLOGICAL DATA FOR 2012

## KANSAS CITY (KMCI)

LATITUDE: 39° 17'N      LONGITUDE: 94° 43'W      ELEVATION (FT): GRND: 1005 BARO: 1008      TIME ZONE: CENTRAL (UTC -6)      WBAN: 03947

ELEMENT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	
TEMPERATURE °F	MEAN DAILY MAXIMUM	46.8	48.0	69.2	69.6	80.3	89.6	98.2	90.1	79.3	65.5	59.0	44.5	70.0	
	HIGHEST DAILY MAXIMUM	66	63	82	92	91	105	106	103	95	84	76	74	106	
	DATE OF OCCURRENCE	30	01	31+	25	28	28	25+	07	04	24	09	03	JUL 25+	
	MEAN DAILY MINIMUM	23.5	28.2	47.6	48.4	58.8	65.0	72.1	63.7	55.7	43.9	34.5	27.3	47.4	
	LOWEST DAILY MINIMUM	6	5	24	35	46	44	65	53	39	26	14	7	5	
	DATE OF OCCURRENCE	18	12+	05+	21+	10+	01	10	20+	23	07	27	26	FEB 12+	
	AVERAGE DRY BULB	35.2	38.1	58.4	59.0	69.6	77.3	85.2	76.9	67.5	54.7	46.8	35.9	58.7	
	MEAN WET BULB	30.2	33.6	52.0	52.0	61.2	66.5	70.4	64.5	59.0	47.5	40.0	32.0	50.7	
	MEAN DEW POINT	21.4	26.2	46.1	45.2	54.7	59.9	62.6	56.2	52.4	39.8	31.9	25.3	43.5	
	NUMBER OF DAYS WITH:														
	MAXIMUM >= 90°	0	0	0	1	2	15	29	17	5	0	0	0	0	69
	MAXIMUM <= 32°	5	1	0	0	0	0	0	0	0	0	0	6	12	
MINIMUM <= 32°	25	20	7	0	0	0	0	0	0	6	11	17	86		
MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0		
H/C	HEATING DEGREE DAYS	918	773	246	213	31	9	0	0	50	352	545	891	4028	
	COOLING DEGREE DAYS	0	0	49	40	180	385	634	376	131	39	5	0	1839	
RH	MEAN (PERCENT)	60	66	68	63	61	57	50	53	62	60	60	68	61	
	HOUR 00 LST	63	70	71	69	66	65	62	61	68	65	64	71	66	
	HOUR 06 LST	74	76	81	78	74	74	70	74	79	73	72	76	75	
	HOUR 12 LST	50	59	60	54	50	46	38	41	48	48	48	62	50	
	HOUR 18 LST	51	58	58	52	51	43	32	38	51	54	54	63	50	
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	1	4	1	0	0	1	0	0	0	0	0	3	10	
	THUNDERSTORMS	0	2	5	5	6	5	7	3	3	3	1	2	42	
PR	MEAN STATION PRESS. (IN.)	28.94	28.98	28.84	28.85	28.83	28.82	28.87	28.88	28.93	28.89	29.03	28.89	28.90	
	MEAN SEA-LEVEL PRESS. (IN.)	30.06	30.10	29.92	29.93	29.91	29.87	29.93	29.94	30.01	29.98	30.13	30.01	29.98	
WINDS	RESULTANT SPEED (MPH)	3.3	1.2	6.6	2.7	4.4	6.6	3.9	1.2	1.1	2.7	4.2	1.9	2.8	
	RES. DIR. (TENS OF DEGS.)	25	24	18	15	17	17	18	10	09	21	20	23	19	
	MEAN SPEED (MPH)	11.0	10.1	12.1	11.0	10.8	11.2	8.6	7.9	8.4	10.5	10.1	10.1	10.2	
	PREVAIL.DIR.(TENS OF DEGS.)	31	14	19	18	17	19	20	17	17	20	18	19	20	
	MAXIMUM 2-MINUTE WIND														
	SPEED (MPH)	35	47	38	37	33	39	30	49	44	33	32	36	49	
	DIR. (TENS OF DEGS.)	35	27	19	12	16	02	30	31	36	29	19	33	31	
	DATE OF OCCURRENCE	11	28	06	27	23	11	01	08	03	18	10	20	AUG 08	
	MAXIMUM 3-SECOND WIND:														
	SPEED (MPH)	45	56	48	49	41	58	47	63	60	48	44	48	63	
DIR. (TENS OF DEGS.)	34	27	20	20	17	02	29	32	36	28	17	31	32		
DATE OF OCCURRENCE	11	28	06	15	23	11	01	08	03	18	10	20	AUG 08		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	0.06	3.13	4.56	1.93	1.00	2.46	0.49	2.03	2.89	1.03	1.36	1.34	22.28	
	GREATEST 24-HOUR (IN.)	0.03	1.27	1.48	1.29	0.45	1.37	0.35	0.89	1.60	0.72	1.16	0.79	1.60	
	DATE OF OCCURRENCE	11	28	19-20	28-29	06-07	11	25-26	31	03-04	13-14	11	19-20	SEP 03-04	
	NUMBER OF DAYS WITH:														
PRECIPITATION 0.01	3	9	13	10	6	5	7	7	8	8	3	6	85		
PRECIPITATION 0.10	0	5	10	4	3	4	1	5	5	3	2	5	47		
PRECIPITATION 1.00	0	1	1	1	0	1	0	0	1	0	1	0	6		
SNOWFALL	SNOW,ICE PELLETS,HAIL														
	TOTAL (IN.)	0.3	2.7	0.8	0.0	0.0	0.0	0.0	0.0	T	0.0	T	3.7	7.5	
	GREATEST 24-HOUR (IN.)	0.3	2.4	0.5	0.0	0.0	0.0	0.0	0.0	T	0.0	T	2.5	2.5	
	DATE OF OCCURRENCE	11	13	08						03		26	20	DEC 20	
	MAXIMUM SNOW DEPTH (IN.)	T	2	0	0	0	0	0	0	0	0	0	3	3	
	DATE OF OCCURRENCE	14+	14										21	DEC 21	
NUMBER OF DAYS WITH:															
SNOWFALL >= 1.0	0	1	0	0	0	0	0	0	0	0	0	2	3		





**HEATING DEGREE DAYS (base 65°F) 2012 KANSAS CITY (KMCI)**

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1983-84	0	0	57	271	617	1602	1234	750	891	443	175	1	6041
1984-85	0	0	143	269	624	907	1431	1102	538	256	41	19	5330
1985-86	0	3	131	260	841	1297	940	960	528	267	60	0	5287
1986-87	0	12	23	251	805	938	1088	712	549	298	15	0	4691
1987-88	0	3	30	398	552	922	1180	1069	668	311	19	0	5152
1988-89	2	1	18	394	599	915	836	1176	658	319	135	7	5060
1989-90	0	1	138	267	675	1360	836	800	601	398	167	10	5253
1990-91	1	0	44	278	452	1104	1296	709	553	258	62	0	4757
1991-92	0	0	96	277	841	888	898	724	554	367	137	6	4788
1992-93	0	7	80	271	773	987	1203	1011	775	431	88	26	5652
1993-94	0	2	118	365	760	938	1227	974	581	353	91	1	5410
1994-95	0	4	69	252	552	878	1135	807	613	370	196	1	4877
1995-96	0	0	111	255	743	1047	1295	891	840	381	110	10	5683
1996-97	0	0	95	291	835	1089	1252	865	603	476	184	1	5691
1997-98	3	0	25	290	720	971	960	658	806	323	18	27	4801
1998-99	0	0	9	213	505	930	1145	656	690	313	84	12	4557
1999-00	0	0	94	261	392	898	1024	694	554	303	58	9	4287
2000-01	0	0	52	195	845	1416	1102	972	768	190	67	16	5623
2001-02	0	0	71	280	407	854	949	777	765	283	150	0	4536
2002-03	0	0	14	457	698	876	1162	963	659	270	91	27	5217
2003-04	0	0	93	235	657	912	1158	967	540	267	85	5	4919
2004-05	0	4	10	237	539	938	1128	742	654	266	104	0	4622
2005-06	0	0	27	258	524	1077	682	826	563	145	94	0	4196
2006-07	0	0	46	323	551	822	1114	1027	397	406	26	0	4712
2007-08	0	0	28	217	628	1082	1155	1075	719	400	109	0	5413
2008-09	0	0	55	306	651	1120	1154	785	609	377	86	4	5147
2009-10	0	6	36	441	447	1124	1273	1051	604	167	134	0	5283
2010-11	0	0	25	203	604	1099	1300	986	661	291	166	0	5335
2011-12	0	0	95	248	581	892	918	773	246	213	31	9	4006
2012-	0	0	50	352	545	891							

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**COOLING DEGREE DAYS (base 65°F) 2012 KANSAS CITY (KMCI)**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1983	0	0	3	5	19	210	517	582	251	31	1	0	1619
1984	0	0	0	9	41	287	353	445	184	23	0	0	1342
1985	0	0	0	49	77	137	379	230	191	5	0	0	1068
1986	0	0	24	35	73	352	466	237	232	7	0	0	1426
1987	0	0	0	58	196	336	474	364	118	1	9	0	1556
1988	0	0	2	5	151	400	459	514	188	5	0	0	1724
1989	0	0	9	85	88	196	402	334	87	56	0	0	1257
1990	0	0	8	33	33	331	394	384	263	40	11	0	1497
1991	0	0	9	16	154	339	490	399	219	54	0	0	1680
1992	0	0	1	20	71	154	298	191	121	19	0	0	875
1993	0	0	0	0	49	271	398	406	55	19	0	0	1198
1994	0	0	0	23	86	331	345	333	154	28	0	0	1300
1995	0	0	0	1	27	239	417	438	123	18	0	0	1263
1996	0	0	0	19	105	282	325	313	94	29	0	0	1167
1997	0	0	0	0	33	248	403	300	159	75	0	0	1218
1998	0	0	10	10	213	291	407	378	237	20	0	0	1566
1999	0	0	0	7	42	215	501	358	123	24	4	0	1274
2000	0	0	4	10	134	202	369	528	239	41	0	0	1527
2001	0	0	0	58	109	239	495	392	100	8	1	0	1402
2002	0	0	0	47	60	341	512	426	255	18	0	0	1659
2003	0	0	0	47	41	209	505	517	85	15	0	0	1419
2004	0	0	6	32	164	178	316	244	166	18	0	0	1124
2005	0	0	2	28	101	319	438	415	263	62	7	0	1635
2006	0	0	0	65	166	340	519	478	96	60	0	0	1724
2007	0	0	16	20	133	253	393	560	222	56	1	0	1654
2008	0	0	0	7	76	272	383	329	108	21	3	0	1199
2009	0	0	5	23	87	305	273	295	102	0	0	0	1090
2010	0	0	6	38	109	383	488	512	158	11	0	0	1705
2011	0	0	3	20	111	336	568	414	97	48	1	0	1598
2012	0	0	49	40	180	385	634	376	131	39	5	0	1839

**SNOWFALL (inches) 2012 KANSAS CITY (KMCI)**

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1983-84	0.0	0.0	0.0	0.0	0.7	13.2	1.3	0.5	8.7	0.0	0.0	0.0	24.4
1984-85	0.0	0.0	0.0	0.0	0.4	7.0	11.8	6.9	0.3	0.0	0.0	0.0	26.4
1985-86	0.0	0.0	0.0	0.0	3.5	5.4	T	4.5	T	T	0.0	0.0	13.4
1986-87	0.0	0.0	0.0	T	0.6	1.2	10.5	5.0	T	0.0	0.0	0.0	17.3
1987-88	0.0	0.0	0.0	T	2.0	11.9	0.9	9.3	2.2	0.0	0.0	0.0	26.3
1988-89	0.0	0.0	0.0	0.0	0.1	0.1	0.2	6.5	T	0.0	T	T	6.9
1989-90	0.0	0.0	0.0	0.0	T	6.8	1.0	2.1	9.6	0.0	T	0.0	19.5
1990-91	0.0	0.0	0.0	0.0	1.7	1.6	12.1	T	1.2	T	0.0	0.0	16.6
1991-92	0.0	0.0	0.0	0.0	4.6	0.2	T	2.0	0.5	2.8	0.0	0.0	10.1
1992-93	T	0.0	T	T	4.1	0.8	12.0	15.7	1.1	0.6	0.0	T	34.3
1993-94	0.0	0.0	0.0	T	0.5	2.7	1.4	10.3	0.5	2.6	0.0	T	18.0
1994-95	0.0	0.0	0.0	0.0	0.0	2.5	1.3	0.7	2.4	T	0.0	0.0	6.9
1995-96	0.0	0.0	0.0	0.0	0.7	5.3	11.4	T	0.7	1.0	0.0		
1996-97			6.5	4.8	.5	9.8	6.3	0.0	1.3	T	0.0		
1997-98	0.0	0.0	0.0	1.0	0.5	10.9	0.6	1.0	5.6	0.0	T	T	19.6
1998-99	0.0	0.0	0.0	0.0	0.0	1.4	4.3	4.7	2.5	T	0.0	0.0	12.9
1999-00	0.0	0.0	0.0	0.0	0.0	3.9	4.9	2.1	2.0	0.0	T	0.0	12.9
2000-01	0.0	0.0	0.0	0.0	T	11.8	2.0	7.7	1.3	0.0	T	T	22.8
2001-02	0.0	T	T	T	0.0	T	5.1	T	3.5	0.0	0.0	0.0	8.6
2002-03	0.0	0.0	0.0	T	T	0.3	4.8	2.7	1.6	T	0.0	0.0	9.4
2003-04	0.0	0.0	T	0.0	T	7.1	1.8	11.3	0.0	0.0	0.0	T	20.2
2004-05	0.0	0.0	0.0	0.0	6.8	0.0	4.3	2.2	T	0.0	T	T	13.3
2005-06	0.0	0.0	0.0	0.0	T	11.1	0.8	0.5	1.0	T	0.0	0.0	13.4
2006-07	0.0	0.0	0.0	0.0	0.4	T	6.0	3.6	0.2	T	0.0	0.0	10.2
2007-08	T	0.0	0.0	0.0	0.4	9.4	4.8	8.9	0.6	0.0	0.0	T	24.1
2008-09	0.0	0.0	0.0	0.0	0.9	6.2	0.9	5.3	1.3	T	T	0.0	14.6
2009-10	0.0	T	0.0	0.0	1.2	15.1	7.4	11.8	8.8	T	T	0.0	44.3
2010-11	0.0	0.0	0.0	0.0	T	2.9	17.3	16.2	0.5	T	0.0	T	36.9
2011-12	0.0	T	0.0	0.0	T	0.1	0.3	2.7	0.8	0.0	0.0	0.0	3.9
2012-	0.0	0.0	T	0.0	T	3.7							
POR= 39 YRS	T	T	T	0.2	1.1	4.3	5.2	5.1	2.4	0.6	T	T	18.9

WBAN : 03947

**REFERENCE NOTES :**

<p>PAGE 1: THE TEMPERATURE GRAPH SHOWS NORMAL MAXIMUM AND NORMAL MINIMUM DAILY TEMPERATURES (SOLID CURVES) AND THE ACTUAL DAILY HIGH AND LOW TEMPERATURES (VERTICAL BARS).</p> <p>PAGE 2 AND 3: H/C INDICATES HEATING AND COOLING DEGREE DAYS. RH INDICATES RELATIVE HUMIDITY W/O INDICATES WEATHER AND OBSTRUCTIONS S INDICATES SUNSHINE. PR INDICATES PRESSURE. CLOUDINESS ON PAGE 3 IS THE SUM OF THE CEILOMETER AND SATELLITE DATA NOT TO EXCEED EIGHT EIGHTHS(OKTAS).</p> <p>GENERAL: T INDICATES TRACE PRECIPITATION, AN AMOUNT GREATER THAN ZERO BUT LESS THAN THE LOWEST REPORTABLE VALUE. + INDICATES THE VALUE ALSO OCCURS ON EARLIER DATES. BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA. ASOS INDICATES AUTOMATED SURFACE OBSERVING SYSTEM. PM INDICATES THE LAST DAY OF THE PREVIOUS MONTH. POR (PERIOD OF RECORD) BEGINS WITH THE JANUARY DATA MONTH AND IS THE NUMBER OF YEARS USED TO COMPUTE THE MEAN. INDIVIDUAL MONTHS WITHIN THE POR MAY BE MISSING. WHEN THE POR FOR A NORMAL IS LESS THAN 30 YEARS, THE NORMAL IS PROVISIONAL AND IS BASED ON THE NUMBER OF YEARS INDICATED. 0.* OR * INDICATES THE VALUE OR MEAN-DAYS-WITH IS BETWEEN 0.00 AND 0.05. CLOUDINESS FOR ASOS STATIONS DIFFERS FROM THE NON-ASOS OBSERVATION TAKEN BY A HUMAN OBSERVER. ASOS STATION CLOUDINESS IS BASED ON TIME-AVERAGED CEILOMETER DATA FOR CLOUDS AT OR BELOW 12,000 FEET CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS.</p> <p>GENERAL CONTINUED: WIND DIRECTION IS RECORDED IN TENS OF DEGREES (2 DIGITS) CLOCKWISE FROM TRUE NORTH. "00" INDICATES CALM. "36" INDICATES TRUE NORTH. RESULTANT WIND IS THE VECTOR AVERAGE OF THE SPEED AND DIRECTION. AVERAGE TEMPERATURE IS THE SUM OF THE MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURE DIVIDED BY 2. SNOWFALL DATA COMPRISE ALL FORMS OF FROZEN</p>	<p>PRECIPITATION, INCLUDING HAIL. A HEATING (COOLING) DEGREE DAY IS THE DIFFERENCE BETWEEN THE AVERAGE DAILY TEMPERATURE AND 65 F. DRY BULB IS THE TEMPERATURE OF THE AMBIENT AIR. DEW POINT IS THE TEMPERATURE TO WHICH THE AIR MUST BE COOLED TO ACHIEVE 100 PERCENT RELATIVE HUMIDITY. WET BULB IS THE TEMPERATURE THE AIR WOULD HAVE IF THE MOISTURE CONTENT WAS INCREASED TO 100 PERCENT RELATIVE HUMIDITY. ON JULY 1, 1996, THE NATIONAL WEATHER SERVICE BEGAN USING THE "METAR" OBSERVATION CODE THAT WAS ALREADY EMPLOYED BY MOST OTHER NATIONS OF THE WORLD. THE MOST NOTICEABLE DIFFERENCE IN THIS ANNUAL PUBLICATION WILL BE THE CHANGE IN UNITS FROM TENTHS TO EIGHTHS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER. STATION HISTORY STOPPED WITH THE 2009 ANNUAL. IF YOU NEED STATION HISTORY INFORMATION GO TO "Historical Observing Metadata Repository", URL IS: <a href="http://www.ncdc.noaa.gov/homr/">http://www.ncdc.noaa.gov/homr/</a> SNOWFALL STOPPED MONTH &amp; YEAR INDICATED ABOVE. NO FURTHER YEARS INCLUDED UNLESS RESTARTED.</p> <p><b>NOTE:</b></p> <p>The "Period of Record:(POR)" for all "averages" is based on "Summary of the Day First Order Station" and "Cooperative Summary of the Day" archives.</p> <p>The 2012 Annual Publications were reproduced on 6/05/13 to correct two problems that occurred when the Publications were first produced on 02/28/13.</p> <ol style="list-style-type: none"> <li>1) A small number of stations did not correctly show number of days with thunderstorms and heavy fog.</li> <li>2) Climate Normals in the Annual Publications were based on a first edition of the 1981-2010 Normals release. With the release of Service Pack 1 (SP1) new normals for 83 stations are available and now included. Additional information on SP1 is available at: <a href="http://www1.ncdc.noaa.gov/pub/data/normals/1981-2010/status.txt">http://www1.ncdc.noaa.gov/pub/data/normals/1981-2010/status.txt</a>.</li> </ol>
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# 2012

## INTERNATIONAL AIRPORT

### KANSAS CITY, MISSOURI (KMCI)

The National Weather Service Office at Kansas City is very near the geographical center of the United States. The surrounding terrain is gently rolling. It has a modified continental climate. There are no natural topographic obstructions to prevent the free sweep of air from all directions. The influx of moist air from the Gulf of Mexico, or dry air from the semi-arid regions of the southwest, determine whether wet or dry conditions will prevail. There is often conflict between the warm moist gulf air and the cold polar continental air from the north in this area.

Early spring brings a period of frequent and rapid fluctuations in weather, with the fluctuations generally less frequent as spring progresses. The summer season is characterized by warm days and mild nights, with moderate humidities. July is the warmest month. The fall season is normally mild and usually includes a period near the middle of the season characterized by mild, sunny days, and cool nights. Winters are not severely cold. January is the coldest month. Falls of snow to a depth of 10 inches or more are comparatively rare. The distribution of measurable snow normally extends from November to April.

Nearly 60 percent of the annual precipitation occurs during the six months from April through September. More than 75 percent of the annual moisture normally falls during the growing season. The frequency and distribution of precipitation over a normal day is also important. The maximum frequency of precipitation, from April through October, occurs during the six hours following midnight and the minimum frequency occurs during the six hours following noon.

# Station History

KANSAS CITY, MO

NAME	Begin Date	End Date	Latitude	Longitude	Elevation Feet	Relocation	Platform
KANSAS CITY INTL AP	1972-09-01	1973-01-01	39° 18'	-94° 43'	1014		AIRWAYS, COOP
KANSAS CITY INTL AP	1996-06-01	2002-09-04	39° 17'	-94° 43'	979		AIRWAYS, ASOS, COOP
KANSAS CITY INTL AP	2005-04-01	Present	39° 17'	-94° 43'	1005		AIRWAYS, ASOS, COOP
KANSAS CITY INTL AP	1968-01-08	1972-09-01	39° 18'	-94° 43'	1025		AIRWAYS
KANSAS CITY INTL AP	1973-01-01	1979-01-01	39° 18'	-94° 43'	1033		COOP, WXSVC
KANSAS CITY INTL AP	1957-06-01	1968-01-08	39° 18'	-94° 43'			AIRWAYS
KANSAS CITY INTL AP	1995-07-01	1996-06-01	39° 17'	-94° 43'	979		ASOS, COOP, WXSVC
KANSAS CITY INTL AP	2002-09-04	2005-04-01	39° 17'	-94° 43'	1005		AIRWAYS, ASOS, COOP
KANSAS CITY INTL AP	1979-01-01	1995-07-01	39° 19'	-94° 43'	973		COOP, WXSVC

# Element History

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment *	Equipment * Modifications	Equipment Exposure
PRECIP	1972-09-01	1989-01-17	HOURLY	2400			
PRECIP	1972-09-01	1989-01-17	DAILY	2400	UNIV	RCRD	
PRECIP	2002-09-04	2005-04-01	DAILY	2400	TB	RCRD	
PRECIP	2011-11-20	Present	DAILY	2400	PCPNX	SHLD	
PRECIP	2011-11-20	Present	HOURLY	2400	AHTB	SHLD; RCRD; HTD	
PRECIP	1995-07-01	2002-09-04	HOURLY	2400	UNIV	RCRD	
PRECIP	2002-09-04	2005-04-01	HOURLY	2400	TB	RCRD	
PRECIP	2010-07-27	2011-11-20	HOURLY	2400	TB	SHLD; RCRD	
TEMP	1957-06-01	1972-09-01	DAILY	2400			
PRECIP	1989-01-17	1995-07-01	DAILY	2400	UNIV	RCRD	
TEMP	1995-07-01	2002-09-04	DAILY	2400	MXMN		
TEMP	2005-04-01	2010-07-27	DAILY	2400	HYGR		
TEMP	2011-11-20	Present	DAILY	2400	ATEMP	SHLD	
TEMP	1989-01-17	1995-07-01	DAILY	2400	MXMN		
PRECIP	1957-06-01	1972-09-01	DAILY	2400	UNIV	RCRD	
PRECIP	1989-01-17	1995-07-01	HOURLY	2400			
TEMP	2002-09-04	2005-04-01	DAILY	2400	HYGR		
PRECIP	2010-07-27	2011-11-20	DAILY	2400	PCPN1		
TEMP	2010-07-27	2011-11-20	DAILY	2400	HYGR		
TEMP	1972-09-01	1989-01-17	DAILY	2400			
PRECIP	2005-04-01	2010-07-27	DAILY	2400	PCPN1		
PRECIP	2005-04-01	2010-07-27	HOURLY	2400	TB	RCRD	
PRECIP	1995-07-01	2002-09-04	DAILY	2400	UNIV	RCRD	

\* For explanation of codes and abbreviations see Station Metadata link below.

Other Station Information can be found at:

ASOS Implementation by NWS: <http://www.nws.noaa.gov/ops2/Surface/asosimplementation.htm>

Station Metadata website: <http://www.ncdc.noaa.gov/homr>

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NOAA/National Climatic Data Center

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151 Patton Avenue

Asheville, NC 28801-5001

Visit our Web Site for other weather data: [www.ncdc.noaa.gov](http://www.ncdc.noaa.gov)