

# Fort Knox / Godman AAF Climo Data

**EXTREME PERIOD OF RECORD**  
1945/03/01 to 2018/1/31

**MEAN PERIOD OF RECORD**  
2008/1/1 to 2017/12/31

**STN NO.** 724240  
**UTC-LST** -5

**ICAO** KFTK

**LOCATION (DEGREES)**  
37.9N, 85.967W

**ELEV.**  
+755 FT

**PREPARED BY**  
14 WS

<u>Temperature</u>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Temperature Extreme Max (°F)	77	79	85	93	96	104	106	102	102	92	84	77	106
Temperature Avg Max (°F)	42	46	58	70	76	85	86	85	80	69	57	47	67
Temperature Avg (°F)	33	36	47	58	65	74	76	75	69	58	47	39	57
Temperature Avg Min (°F)	26	29	38	48	57	65	68	66	60	48	38	31	48
Temperature Extreme Min (°F)	-23	-17	-4	21	30	39	49	46	34	21	-2	-14	-23
Temperature Max Range (°F)	52	49	49	41	41	40	40	38	43	40	40	41	52
Days With Temperature >= 90°F	0	0	0	0	1	6	9	8	4	0	0	0	28
Days With Temperature <= 32°F	24	19	11	2	0	0	0	0	0	2	10	20	88
Days With Temperature <= 0°F	1	0	0	0	0	0	0	0	0	0	0	0	1

<u>Precipitation</u>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Precipitation Period Max (In)	14.7	13.2	13.8	14.1	12.7	10.5	9.6	9.5	12.4	9.2	8.9	11.3	72.1
Precipitation Period Avg (In)	3.5	3.6	4.5	4.3	4.6	4.1	4.4	3.3	3.3	3.1	3.7	4.1	46.7
Precipitation Period Min (In)	0	0.4	1.1	0.9	0.8	0.5	0.6	0.1	0.1	0.1	0.6	0.8	29.5
Precipitation Period Daily Max (In)	3.7	4.9	7.5	4.2	4.4	3.7	3.6	4	4.4	4.3	3.2	4.5	7.5
Snowfall Period Max (In)	24.6	13.2	19.1	1	0	0	0	0	0	2.2	17.5	11.6	43
Snowfall Period Avg (In)	4.6	3.7	2.4	0.1	0	0	0	0	0	0	0.8	1.9	13.7
Snowfall Period Daily Max (In)	14.6	9.2	9	0.9	0	0	0	0	0	2.2	14.3	4.8	14.6
Days with liquid >= Trace	9	8	6	5	8	6	7	8	5	5	4	6	76
Days with liquid >= 0.01"	9	9	11	11	12	9	12	7	8	8	9	11	117
Days with liquid >= 0.5"	2	2	3	3	4	3	3	2	2	3	2	3	32
Days with snow >= Trace	6	5	3	1	#	0	0	0	0	#	2	5	24
Days with snow >= 0.05"	4	3	2	#	0	0	0	0	0	0	1	2	11
Days with snow >= 1.5"	1	1	0	0	0	0	0	0	0	0	#	#	3

<u>Moisture</u>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Relative Humidity Avg Max (%)	89.2	89.2	87.3	87.3	94.4	95	96.6	96	95.2	92.6	88.6	91.2	91.9
Relative Humidity Avg Min (%)	54.6	50.2	44.7	40.5	50	50.4	54	50.7	49.4	47.4	46.9	57.9	49.8
Vapor Pressure Avg (In Hg)	0.17	0.18	0.25	0.35	0.5	0.65	0.72	0.68	0.56	0.37	0.25	0.21	0.41
Dew Point Avg (°F)	26	29	38	47	57	65	69	67	61	49	38	33	48
Dew Point Extreme Max (°F)	67	66	70	74	83	86	88	84	80	77	69	65	88
Dew Point Extreme Min (°F)	-31	-28	-12	3	9	28	29	37	28	1	-17	-25	-31

<u>Wind</u>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Prevailing Wind Direction	W	W	S	S	S	\$\$SSW	\$\$SSW	\$\$	\$\$	\$\$	S	S	\$\$
Wind Speed Avg for Prev. Dir (kts)	9.9	9.7	10.3	9.1	7.8	6.8	5.6	5.6	6.4	7.6	8.5	9.5	8.2
Wind Speed Avg for All Dir's (kts)	7.6	7.6	7.6	7.6	6.2	5.4	4.7	4.1	4.7	5.6	6.6	7.2	6.2
Wind Speed Max (kts)	38.8	42	39	35	36.9	39.8	40	36.9	37.9	48	37.9	34	48
Gust Speed Max (kts)	59.1	64.1	61	61	69	66	64.1	61	64.9	58.1	66	60	69

<u>Weather Occurrence</u>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Fog Days Avg (FG/BR)	15	14	12	12	14	11	17	15	14	12	12	14	161
Thunderstorm Days Avg	1	2	3	7	8	8	10	6	4	2	1	2	53
Precipitation Days Avg	19	17	16	16	20	16	18	15	14	14	13	18	195
Rain Days Avg	11	10	13	16	20	16	18	15	14	14	12	14	171
Freezing Rain Days Avg	1	1	#	0	0	0	0	0	0	0	#	1	4

<u>Cloud Cover</u>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Cloud Cover Avg (x/8)	6	6	5	5	5	4	4	4	4	4	5	6	5