

1

Fort Riley Climatology



CLIMATOLOGY FORT RILEY (KFRI)		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
		LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
WEATHER	AVG TEMPS	23F	44F	25F	48F	36F	61F	44F	69F	55F	77F	65F	88F	69F	92F	67F	91F	67F	91F	46F	71F	34F	56F	25F	45F
	EXTREME TEMPS	-26F	75F	-21F	86F	-10F	90F	07F	98F	27F	100F	40F	110F	43F	112F	45F	109F	30F	112F	14F	100F	-09F	84F	-25F	77F
	AVG WIND DIRECTION	SW		N		S		S		S		S		S		S		S		S		S		SW	
	AVG WIND SPEED	6KT		7KT		11KT		11KT		9KT		9KT		8KT		7KT		9KT		9KT		10KT		5KT	
	MAX WIND SPEED	51KT		51KT		67KT		62KT		64KT		64KT		75KT		74KT		61KT		55KT		60KT		55KT	
	AVG WINDS >=25KT	2%		3%		5%		7%		3%		4%		1%		2%		2%		3%		3%		3%	
	AVG % <= CIG & VIS (1000FT/3SM)	10%		9%		7%		5%		4%		1%		1%		2%		3%		5%		7%		13%	
	AVG % <= CIG & VIS (500FT/ 1.5SM)	5%		4%		2%		1%		1%		0%		1%		1%		1%		2%		3%		6%	
	AVG RAINFALL PER MONTH (IN)	0.8		0.9		2.2		2.9		4.5		5.3		3.9		3.6		3.5		2.8		1.5		1.1	
	MAX RAINFALL PER MONTH (IN)	4.7		2.7		8.6		12.6		14.4		14.3		16.7		9.4		12.4		9.7		5.8		3.0	
	% FREQUENCY OF RAIN	7%		9%		13%		13%		16%		11%		11%		10%		10%		10%		10%		8%	
	AVG SNOWFALL PER MONTH (IN)	4.9		3.9		3.0		0.5		0.0		0.0		0.0		0.0		0.0		0.1		1.2		4.0	
	MAX SNOWFALL PER MONTH (IN)	15.3		21.7		17.6		4.5		0.0		0.0		0.0		0.0		0.0		3.0		6.4		20.3	
	% FREQUENCY OF SNOWFALL	8%		9%		4%		1%		0%		0%		0%		0%		0%		0%		3%		6%	
	% FREQUENCY OF THUNDERSTORMS	0.1		0.1		1.8		2.3		5.4		6.4		7.7		5.8		3.8		1.4		0.3		0.0	
	% FREQUENCY OF FOG	20.5%		19.8%		16.7%		12.0%		15.1%		8.6%		5.0%		6.2%		6.3%		11.8%		12.3%		22.1%	
IMPACTS	PERSONNEL					PRECIP		PRECIP		PRECIP		TEMP		TEMP		TEMP		TEMP							
	HELO OPS	CEILING										TEMP		TEMP		TEMP		TEMP						CEILING	
	UAS	CEILING				PRECIP		PRECIP		PRECIP												PRECIP		CEILING	
	MANEUVER					PRECIP		PRECIP		PRECIP												PRECIP			