

**WFO Wichita Public Forecast (SOOVER) Statistics
for Summer '05 (Jun-Aug)**

TEMPERATURES

The following chart compares CCF, FWC, MAV, and MET average absolute error for the 1st 4 periods of the public forecast. It shows CCF improvement over the FWC, MAV, and MET guidance. The lower the error, the better.

Station	Average Absolute Error				CCF % Improvement over		
	CCF	FWC	MAV	MET	FWC	MAV	MET
WICHITA	2.80	2.85	3.16	2.56	1.7	11.5	-8.4
CHANUTE	2.83	2.66	2.80	2.54	-6.3	-1.1	-10.3
RUSSELL	2.88	3.02	2.60	2.87	4.7	-9.5	-0.2
SALINA	2.90	2.92	2.87	2.64	0.7	-0.9	-8.9
ALL	2.85	2.86	2.86	2.65	0.3	0.3	-6.9

The following chart shows the percentage of the time in each period that temperature forecasts missed by (+/-) 3 degrees or less. The higher the percentage, the better.

Station		CCF	FWC	MAV	MET
WICHITA	1 st Pd	83%	67%	66%	80
	2 nd Pd	77	73	63	76
	3 rd Pd	75	70	63	73
	4 th Pd	69	68	62	73
CHANUTE	1 st Pd	78	76	70	77
	2 nd Pd	77	72	64	77
	3 rd Pd	75	71	70	75
	4 th Pd	71	70	68	70
RUSSELL	1 st Pd	81	76	80	74
	2 nd Pd	79	71	75	70
	3 rd Pd	77	70	72	68
	4 th Pd	73	60	69	68
SALINA	1 st Pd	81	73	76	75
	2 nd Pd	76	67	67	74
	3 rd Pd	74	67	69	75
	4 th Pd	76	64	67	73
ALL	1st Pd	81%	73%	73%	76%
	2nd Pd	77	71	67	74
	3rd Pd	75	69	68	73
	4th Pd	72	65	66	71

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PRECIPITATION

The following chart shows average brier scores, average WET PoPs (PoPs on days when we had measurable precipitation), and average DRY PoPs (PoPs on days when we did not have measurable precipitation). The lower the brier score, the higher the WET PoP, and the lower the DRY PoP, the better.

Station	CCF	FWC	MAV	MET	CCF % Improvement over		
					FWC	MAV	MET
WICHITA							
Average Brier Score	.107	.119	.106	.101	10.0	-0.9	-5.6
Average WET PoP	39%	33%	37%	43%			
Average DRY PoP	12%	12%	9%	11%			
CHANUTE							
Average Brier Score	.086	.098	.083	.079	12.2	-3.5	-8.1
Average WET PoP	42%	34%	44%	51%			
Average DRY PoP	13%	12%	12%	14%			
RUSSELL							
Average Brier Score	.138	.151	.136	.137	8.6	-1.4	-0.7
Average WET PoP	31%	27%	34%	36%			
Average DRY PoP	13%	13%	14%	15%			
SALINA							
Average Brier Score	.116	.131	.112	.116	11.4	-3.4	0.0
Average WET PoP	36%	30%	39%	41%			
Average DRY PoP	13%	13%	14%	15%			
ALL							
Average Brier Score	.1117	.1247	.1092	.1082	10.4%	-2.2%	-3.1%
Average WET PoP	37%	31%	38%	43%			
Average DRY PoP	13%	12%	12%	14%			