

**WFO Wichita Public Forecast (SOOVER) Statistics
for Winter '05-'06 (Dec-Feb)**

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	3.28	4.61	3.72	3.78	28.8	11.8	13.2
CHANUTE	3.86	4.77	4.27	4.11	19.0	9.6	6.1
RUSSELL	3.48	4.82	3.91	3.77	27.8	11.1	7.8
SALINA	3.63	5.26	4.13	3.98	31.1	12.2	8.8
ALL	3.56	4.87	4.01	3.91	26.8	11.1	8.9

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	68%	56%	59%	66
	2 nd Pd	61	45	52	56
	3 rd Pd	58	42	56	51
	4 th Pd	52	35	54	53
CHANUTE	1 st Pd	56	56	46	62
	2 nd Pd	54	45	44	58
	3 rd Pd	52	42	48	44
	4 th Pd	48	38	49	47
RUSSELL	1 st Pd	62	56	60	60
	2 nd Pd	61	47	59	55
	3 rd Pd	55	41	52	57
	4 th Pd	47	36	51	51
SALINA	1 st Pd	62	49	53	61
	2 nd Pd	58	39	47	57
	3 rd Pd	56	39	54	55
	4 th Pd	49	35	54	50
ALL	1st Pd	62%	54%	54%	62%
	2nd Pd	58	44	50	56
	3rd Pd	55	41	52	52
	4th Pd	49	36	52	50

**WFO Wichita Public Forecast (SOOVER) Statistics
For Winter '05-'06 (Dec-Feb)**

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	.031	.036	.029	.032	13.9	-6.4	3.1
Average WET PoP	45%	35%	39%	47%			
Average DRY PoP	6%	5%	6%	7%			
CHANUTE							
Average Brier Score	.027	.040	.025	.035	32.5	-7.4	22.8
Average WET PoP	53%	39%	53%	51%			
Average DRY PoP	6%	6%	6%	7%			
RUSSELL							
Average Brier Score	.037	.043	.039	.034	13.9	5.1	-8.1
Average WET PoP	38%	32%	30%	33%			
Average DRY PoP	6%	5%	6%	5%			
SALINA							
Average Brier Score	.030	.041	.034	.033	26.8	11.8	9.1
Average WET PoP	45%	35%	37%	38%			
Average DRY PoP	6%	5%	6%	5%			
ALL							
Average Brier Score	.0312	.0400	.0317	.0335	22.0%	1.6%	6.9%
Average WET PoP	45%	35%	40%	42%			
Average DRY PoP	6%	5%	6%	6%			