

**WFO Wichita Public Forecast (SOOVER) Statistics
for 2005 Annual (Jan-Dec)**

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	3.05	3.80	3.48	3.28	19.8	12.4	7.1
CHANUTE	3.14	3.70	3.29	3.25	15.0	4.5	3.2
RUSSELL	3.14	4.05	3.57	3.45	22.5	12.1	9.0
SALINA	3.11	3.95	3.51	3.31	21.3	11.5	6.0
ALL	3.11	3.88	3.46	3.32	19.8	10.2	6.4

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	75%	62%	63%	70
	2 nd Pd	70	59	60	64
	3 rd Pd	66	57	59	61
	4 th Pd	60	47	56	57
CHANUTE	1 st Pd	74	65	64	70
	2 nd Pd	69	59	61	67
	3 rd Pd	63	55	62	64
	4 th Pd	60	52	62	59
RUSSELL	1 st Pd	73	65	66	64
	2 nd Pd	69	57	62	62
	3 rd Pd	66	52	58	62
	4 th Pd	60	47	55	57
SALINA	1 st Pd	74	61	65	68
	2 nd Pd	70	58	61	65
	3 rd Pd	65	55	58	64
	4 th Pd	61	48	56	59
ALL	1st Pd	74%	63%	64%	68%
	2nd Pd	69	58	61	64
	3rd Pd	65	55	59	63
	4th Pd	60	48	57	58

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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	.077	.084	.076	.076	8.3	-1.3	-1.3
Average WET PoP	43%	38%	41%	47%			
Average DRY PoP	11%	10%	10%	11%			
CHANUTE							
Average Brier Score	.073	.087	.074	.073	16.1	1.3	0.0
Average WET PoP	47%	39%	48%	52%			
Average DRY PoP	11%	10%	11%	12%			
RUSSELL							
Average Brier Score	.088	.099	.087	.091	11.1	-1.1	3.3
Average WET PoP	39%	35%	41%	41%			
Average DRY PoP	11%	11%	11%	11%			
SALINA							
Average Brier Score	.079	.089	.079	.081	11.2	0.0	2.5
Average WET PoP	43%	38%	44%	46%			
Average DRY PoP	11%	11%	12%	12%			
ALL							
Average Brier Score	.0792	.0897	.0790	.0802	11.7%	-0.3%	1.2%
Average WET PoP	43%	37%	43%	46%			
Average DRY PoP	11%	10%	11%	11%			