

Subjective Evaluation - Boulder, CO

Feb 20, 2007

dataset: NSSL/SPC Spring Program 2005

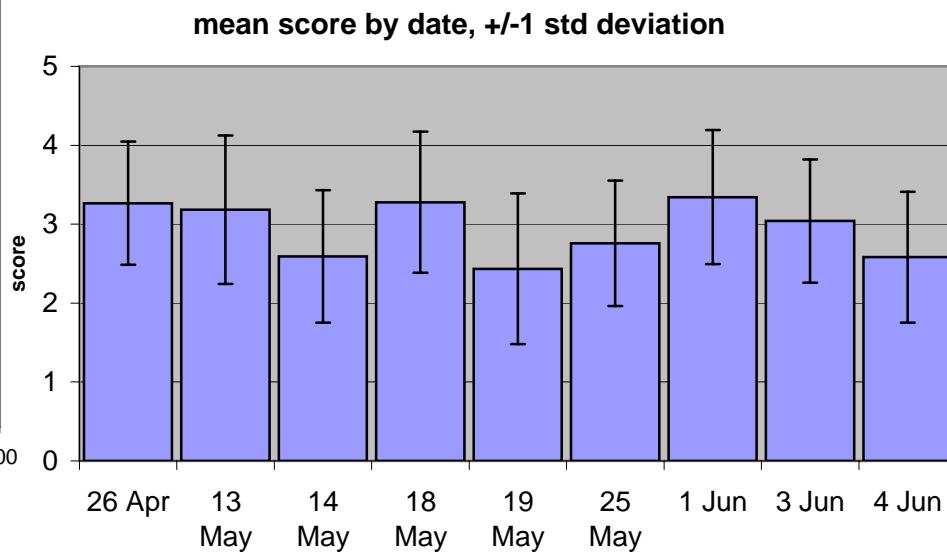
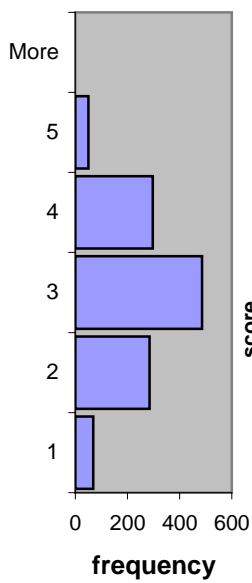
		dates								
first try	model	26 Apr	13 May	14 May	18 May	19 May	25 May	1 Jun	3 Jun	4 Jun
	wrf2caps	2	4.3	3	5	3	5	5	3	2
		3	3	2	3	3	3	3	3	2
		4	4	3	4	4	4	4	3	4
		3	3	2	3	3	3	3	3	2
		3	4	3	3	2	4	4	3	2
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		3	4	3	4	3	4.5	4.5	4	4.5
		3	4	2	3	2	2	2	3	3
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		3	3	2	2	1	3	3	2	2
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		3.5	4.5	3	4	3	3	4	3.5	3
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		4	3	3	4	2	3	4	3	3
		3	3	2.5	3	3	2	3	2	3
		3	3	3	3	2	2	2	2	2
		3	3	3	2	2	3	3	3	3
		3	5	2	2	1	2	4	2	3
	wrf4ncar	3	4	4	3	1	3	4	3	3
		4	4	3	4	3	3	4	3	4
		3	3	2	4	3	3	3	3	3
		4	4	4	4	3	4	4	3	4
		3	3	2	3	2	2	3	2	2
		3	4	3	3	2	3	4	3	3
		3	4	1	3	1	2	2	2	2
		3	4	3	3.5	3	4.5	4.5	4	4.5
		3	3	2	3	2	3	2	3	3
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		4	3	4	3	3	2	3	3	2
		3	5	2	3	3	3	4	3	3
		3	2	1	3	1	2	3	2	2.5
		4	4	3	4.5	3.5	2.5	4.5	3	3
		3.5	4.5	3.5	4	3	3	4	4	3.5
		3	4	3	4	1	3	3	3	3
		1	3	1	1	1	2	4	2	1
		4	4	2	4	2	4	3	3	4
		3	3	3	4	3	2.5	4	2	2
		3	3	3	3	2	2	2	2	2
		4	3	3	2	2	3	3	3	3
		4	4	2	2	1	2	4	2	3
	wrf4ncep	3	4	4	3	1	3	4	3	3
		3	1	4	4	4	4	2	4	2
		3	2	2	3	4	4	3	3	1
		4	4	3	4	3	4	3	4	3
		4	2	2	2	3	2	3	3	2
		3	3	3	3	3	2	4	4	2
		2	2	1	2	1	2	1	2	1
		4	3.5	4	4	4	4	4.5	4	4
		4	2	2	3	3	1	2	3	3
		3	3	3	4	3	3	4	3	2
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		4	4	2	4	2	4	3	2	2
		4	2	2	3	4	4	3	4	2
		4	1	1	2	3	2	4	3	2
		4	2.5	2	4.5	3	3.5	4.5	3	2.5
		4	2.5	3	5	4	2.5	3.5	3	2.5
		3	2	2	3	3	3	2	4	1

		1	1	1	3	1	2	3	3	1
		4	3	3	4	4	4	2	4	2
		2	2	2	3	2	4	3	3	3
		3	2	2	4	3	1	2	2	2
		3	4	2	3	3	4	3	3	2
		3	2	2	2	3	2	3	4	2
		4	2	3	4	3	3	3	2	3
<b>2nd try</b>	<b>wrf2caps</b>	3.5	4	3	5	3	3.5	4	4	3
		2	3	3	3	1	3	3	2	2
		3	4	3	4	2	2	4	3	3
		4	3	4	3	2	3	3	2	2
		4	4	3	3	2	4	4	4	4
		3.75	4	3	5	3.5	3.25	4.5	4.25	3
		4	4	2	2	1	2	3	2	3
		3	3	3	4	3	2	4	2	3
		3	3	3	3	2	3	4	3	2
		4	4	3	5	2	4	5	4	2
		3	4	3	3	3	3	4	4	4
		3	4	2	4	2	2	2	4	2
		2	3	2	3	2	2	3	3	2
		1	4	1	1	1	3	3	1	1
		3	3	2	3	1	3	3	3	2
		3	3.5	2	2	2	2	3.5	2	1.5
		4.8	5	4	3.8	3	2	4.8	4	3
		3	3	3	3	3	2	3	2	2.5
		3	4	2	3	2	2	3	3	2
		3	3	2	2	2	2	3	3	3
		3	4	3	3	1	2	4	2	3
	<b>wrf4ncar</b>	3.5	4	3	5	3	2.5	3.5	4	3.5
		3	3	3	3	1	2	2	3	3
		3	4	3	4	2	2	4	3	4
		3	4	3	3	2	2	3	3	3
		4	4	3	3	2	4	4	4	4
		4	3.5	4	4.5	3.75	3.25	4.25	4.25	3.5
		4	3	1	2	1	2	2	2	3
		3	3	4	4	3	2	4	3	3
		3	3	3	3	2	3	4	3	4
		4	2	3	4	2	3	3	4	4
		3	4	4	3	3	3	5	4	4
		3	4	2	3	2	2	3	4	3
		2	3	3	3	2	2	3	2	3
		1	5	3	2	1	3	4	4	3
		3	3	2	4	1	3	3	3	3
		2.5	4	2.5	3.5	2	2.5	3.5	2	3
		4.5	5	4	4	3	2	4.8	4	3
		3	4	4	3	2.5	3	3	2	2.5
		3	4	3	3	2	2	3	3	2
		4	3	2	2	2	2	3	2	3
		3	3	3	3	1	2	4	2	4
	<b>wrf4ncep</b>	4	3	2	4.5	4	2.5	3	3	2
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		3	3	2	4	3	2	3	3	3
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		3.5	3	3.5	4	4	3	4	4.5	2.5
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		2	2	3	3	4	3	4	4	2
		4	3	4	5	5	3	4	5	2
		4	4	3	4	4	4	4	3	3
		3	2	2	3	3	2	2	2	2
		3	2	2	3	3	2	2	3	2
		1	3	4	1	1	3	3	3	1
		2	2	2	3	2	3	3	4	1
		3.5	2	1.5	2	2.5	1.5	3	3	2
		4.5	3.5	3.5	3.8	3	2.5	4.8	4.8	2.8
		3	2	2	3	2	3	3	4	3.5

4	2	2	4	3	2	3	3	2
4	2	1	3	1	3	4	3	2
3	2	1	3	3	3	2	4	3

Score	Frequency
1	69
2	285
3	486
4	297
5	50
More	0

	26 Apr	13 May	14 May	18 May	19 May	25 May	1 Jun	3 Jun	4 Jun
Mean	3.2655	3.1841	2.5909	3.2773	2.4337	2.7576	3.342	3.0402	2.5824
Standard Error	0.068	0.082	0.073	0.078	0.083	0.069	0.074	0.068	0.072
Median	3	3	3	3	2.5	3	3	3	3
Mode	3	4	3	3	3	2	3	3	3
Standard Deviation	0.78	0.94	0.84	0.89	0.96	0.79	0.85	0.78	0.83
Sample Variance	0.61	0.89	0.71	0.80	0.91	0.63	0.72	0.61	0.69
Kurtosis	1.2	-0.4	-0.6	-0.1	-0.7	-0.5	-0.3	-0.6	-0.4
Skewness	-0.7	-0.4	-0.1	-0.3	0.0	0.4	-0.3	0.0	0.1
Range	4	4	3	4	4	4	4	4	3.5
Minimum	1	1	1	1	1	1	1	1	1
Maximum	5	5	4	5	5	5	5	5	4.5
Sum	431.1	420.3	342.0	432.6	321.3	364.0	441.2	401.3	338.3
Count	132	132	132	132	132	132	132	132	131
Confidence Lvl(95%)	0.134	0.162	0.145	0.154	0.164	0.137	0.146	0.134	0.143



model	mean score	
	1st try	2nd try
wrf2caps	2.98	2.93
wrf4ncar	3.01	3.05
wrf4ncep	2.84	2.84
all	2.94	2.94