

Forecast Contest

Meteorology 3110

Details

- Forecast period: 06Z Wednesday – 06Z Thursday.
- We will forecast almost every Tuesday.
 - Forecasts are due by 7 PM on Tuesday.
- Forecast cities: Des Moines, IA and a Floater city
 - Floater cities will be determined before class on the Tuesday of the forecast
- Forecast fields
 - Daily maximum temperature
 - Daily minimum temperature
 - Precipitation category
 - Snowfall category

Precipitation and Snowfall

- Precipitation

- 0 = 0.00 - Trace
- 1 = Trace - .05 inch
- 2 = .06 - .25 inch
- 3 = .26 - .50 inch
- 4 = .51 - 1.00 inch
- 5 = greater than 1.00 inch

- Snowfall

- 0 = 0 - Trace
- 1 = Trace - 2 inches
- 2 = 2 - 4 inches
- 3 = 4 - 8 inches
- 4 = 8 inches or more

Scoring

- One point for each degree error in daily maximum temperature.
- One point for each degree error in daily maximum temperature.
- **Four** points error for each precipitation category.
- **Four** points error for each snowfall category.
- Best forecast score is the lowest score (“Golf scoring”)

Example

Forecast Field	Student Forecast	Verification	Error Points
Daily maximum temperature	35°		
Daily minimum temperature	22°		
Precipitation category	2		
Snowfall category	2		

Example

Forecast Field	Student Forecast	Verification	Error Points
Daily maximum temperature	35°	37°	
Daily minimum temperature	22°	20°	
Precipitation category	2	T	
Snowfall category	2	T	
		Total:	

Example

Forecast Field	Student Forecast	Verification	Error Points
Daily maximum temperature	35°	37°	2
Daily minimum temperature	22°	20°	2
Precipitation category	2	T	4
Snowfall category	2	T	4
		Total:	12