

## 2009-10 Iowa Forecast Contest

- Website: <http://www.meteor.iastate.edu/~jonhobbs/AFC>
- Forecast M-Th each week
- Forecasts due at 2330Z

### 2009-10 Schedule

Period	Dates	Site	Abbrev	Horizon	Elements
1	Sep 14-Sep 24	Dubuque	DBQ	Day 1	T/P/Q
2	Sep 28-Oct 8	Lamoni	LWD	Day 2	T/P/Q
3	Oct 12-Oct 22	Clinton	CWI	Day 1	T/P/Q
4	Oct 26-Nov 5	Burlington	BRL	Day 1	W/C/V
5	Nov 9-Nov 19	Spencer	SPW	Day 2.5	T/P/Q/S
6	Nov 30-Dec 10	Des Moines	DSM	Day 2	T/P/Q/S
7	Jan 4-Jan 7	Marshalltown	MIW	Day 7/6/5/4	T/P
		Fort Dodge	FOD		
8	Jan 11-Jan 21	Sioux City	SUX	Day 4/3/2/1	T/P/Q/S
		Clarinda	ICL		
9	Jan 25-Feb 4	Des Moines	DSM	Day 1	W/C/V
10	Feb 8-Feb 18	Davenport	DVN	Day 1	T/P/Q/S
11	Feb 22-Mar 4	Mason City	MCW	Day 2	T/P/Q/S
12	Mar 8-Mar 11	Waterloo	ALO	Day 1	T/P/Q/S
				Day 2	
13	Mar 22-Apr 1	Estherville	EST	Day 4/3/2/1	T/P/Q
14	Apr 5-Apr 15	Cedar Rapids	CID	Day 2	T/P/Q
		Keokuk	EOK		
15	Apr 19-Apr 29	Ames	AMW	Day 1	T/P/Q
16	May 10-May 20	Ottumwa	OTM	Day 2	T/P/Q
17	May 24-May 27	Iowa City	IOW	Day 5	T/P
		Fairfield	FFL		
18	Jun 7-Jun 17	Lamoni	LWD	Day 7	T/P
19	Jun 21-Jul 1	Ottumwa	OTM	Day 2.5	T/P/Q
20	Jul 12-Jul 22	Mason City	MCW	Day 1	W/C/V

#### Key

T - Min/Max Temperature

P - Probability of Precipitation

Q - Quantitative Precipitation Forecast

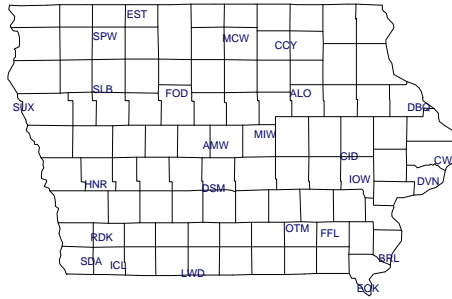
S - Quantitative Snowfall Forecast

W - Highest Sustained Wind Speed

C - Lowest Reported Ceiling

V - Lowest Reported Visibility

Iowa Forecast Contest Sites



Forecast Categories

POP - Probability of Precipitation

Category	Values
0	0 to 4%
1	5 to 14%
2	15 to 24%
3	25 to 34%
4	35 to 44%
5	45 to 54%
6	55 to 64%
7	65 to 74%
8	75 to 84%
9	85 to 94%
10	95 to 100%

HWS - Highest Sustained Wind Speed

Category	Values
1	0 kt. to 3 kt.
2	4 kt. to 7 kt.
3	8 kt. to 11 kt.
4	12 kt. to 15 kt.
5	16 kt. to 19 kt.
6	20 kt. to 23 kt.
7	24 kt. to 27 kt.
8	≥ 28 kt.

LRC - Lowest Reported Ceiling

Category	Values
1	< 200 ft.
2	200 ft. to 400 ft.
3	500 ft. to 900 ft.
4	1000 ft. to 1900 ft.
5	2000 ft. to 3000 ft.
6	3100 ft. to 6500 ft.
7	6600 ft. to 12000 ft.
8	> 12000 ft. or no ceiling

QPF - Quantitative Precipitation Forecast

Category	Values
0	0.00 in. or Trace
1	0.01 to 0.09 in.
2	0.10 to 0.24 in.
3	0.25 to 0.49 in.
4	0.50 to 0.99 in.
5	1.00 to 1.99 in.
6	≥ 2.00 in.

LRV - Lowest Reported Visibility

Category	Values
1	< 0.5 mi.
2	0.5 mi. to 0.9 mi.
3	1.0 mi. to 1.9 mi.
4	2.0 mi. to 2.9 mi.
5	3.0 mi. to 5.4 mi.
6	5.5 mi. to 6.4 mi.
7	≥ 6.5 mi.

QSF - Quantitative Snowfall Forecast

Category	Values
0	0.0 in. or Trace
1	0.1 in. to 1.9 in.
2	2.0 in. to 3.9 in.
3	4.0 in. to 5.9 in.
4	6.0 in. to 7.9 in.
5	≥ 8.0 in.