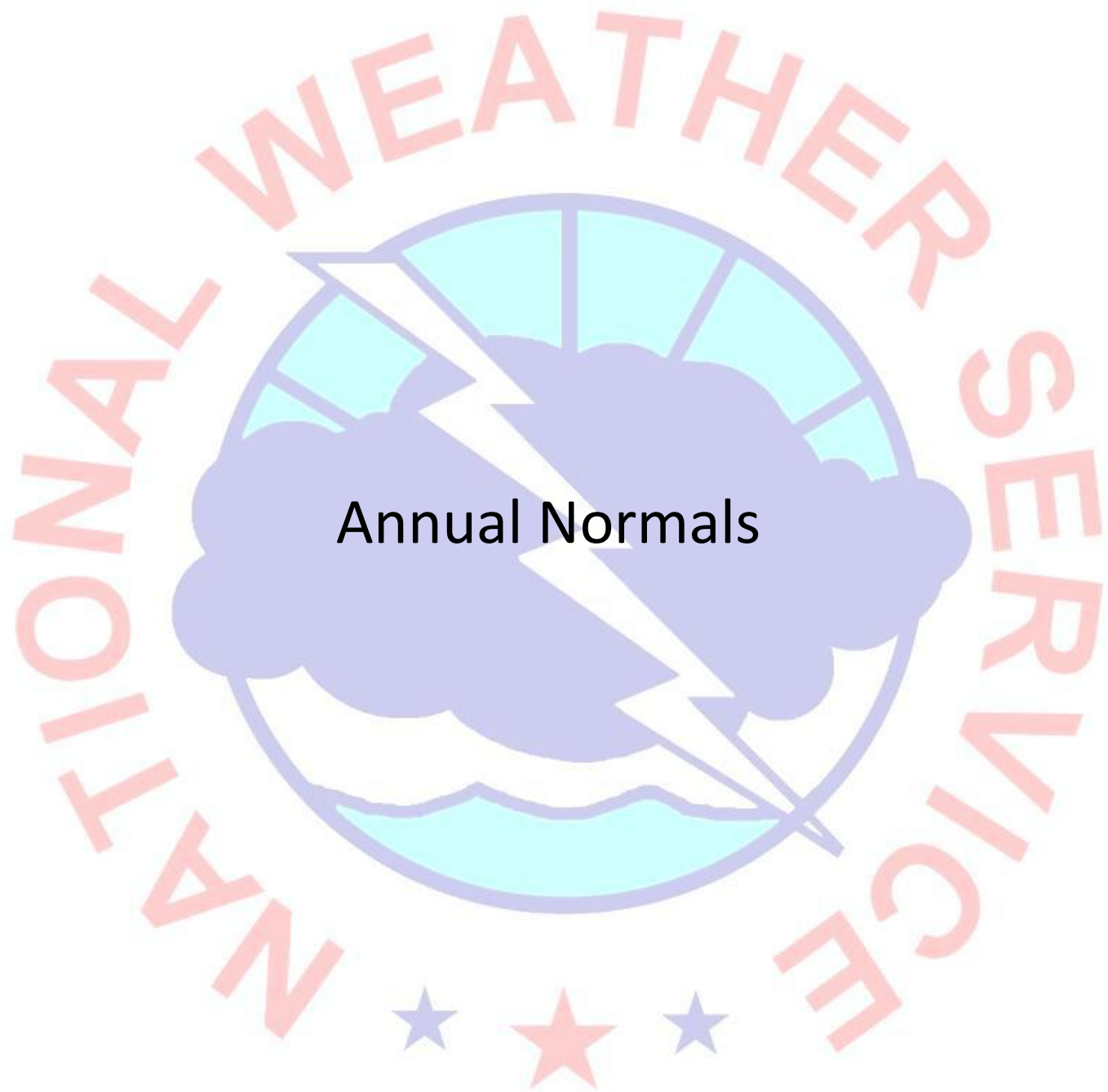


30-Year Climate Normals 1981-2010

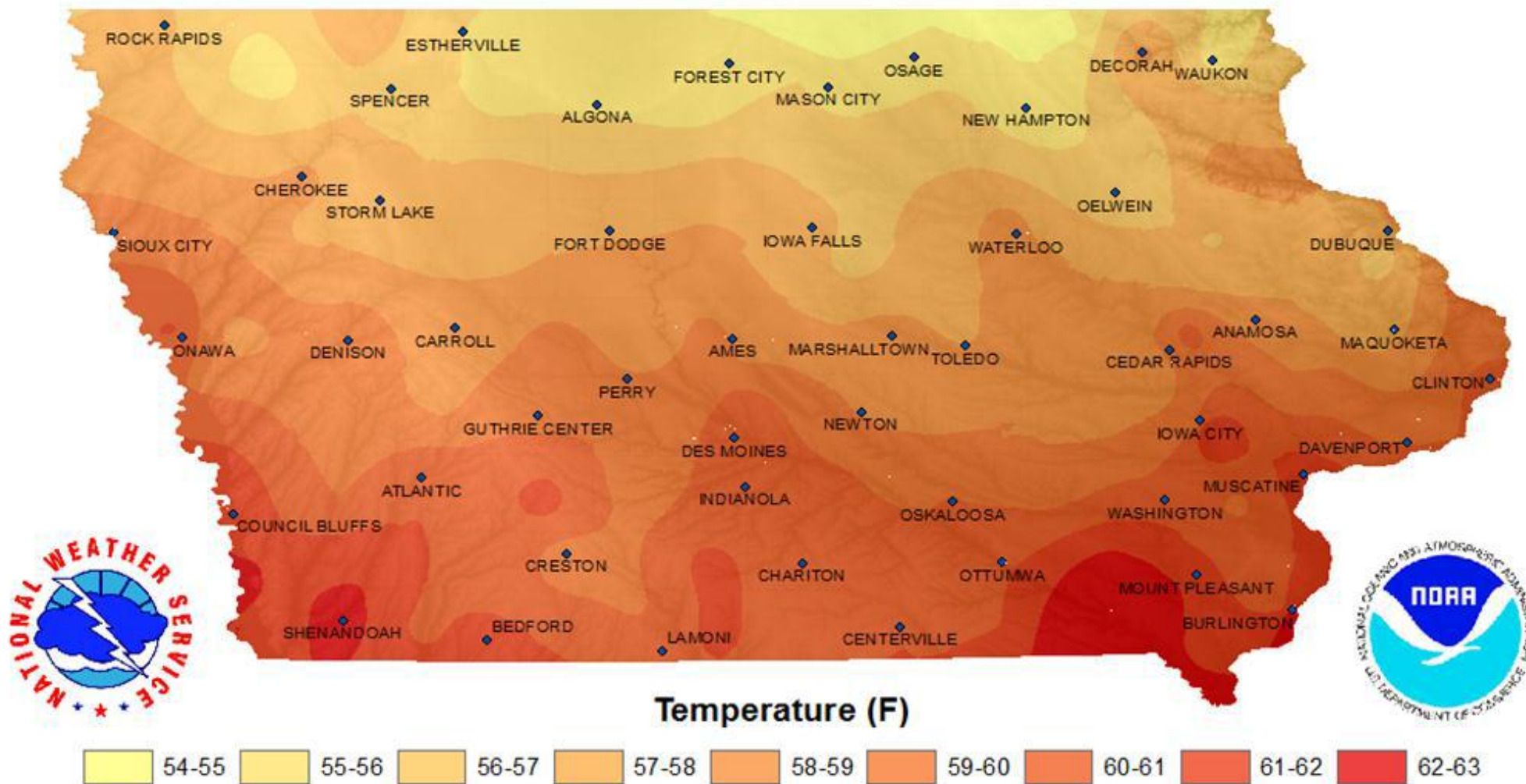
GIS Maps

NWS Des Moines



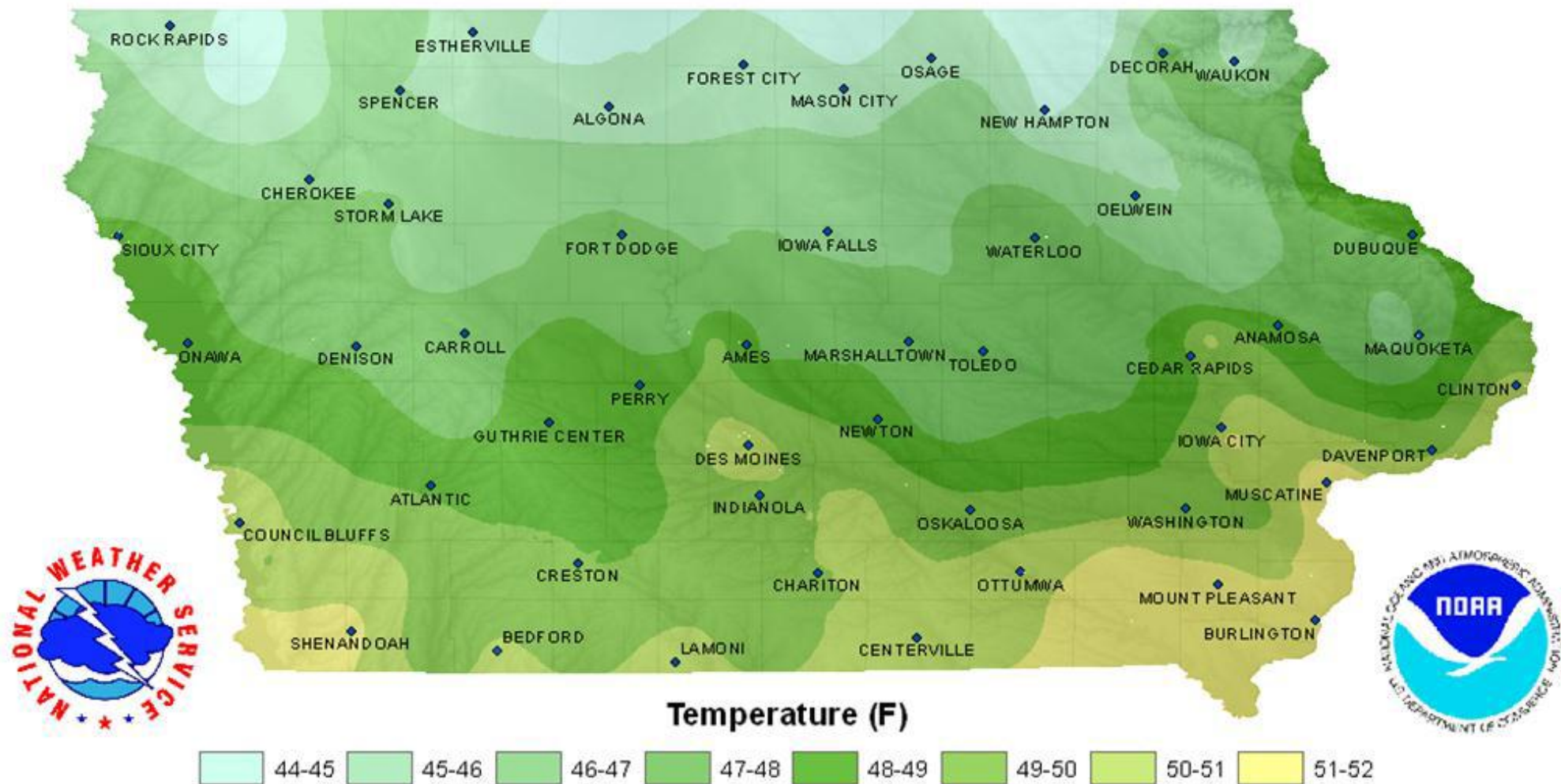
Annual Normals

# Annual High Temperature Normals (1981-2010)



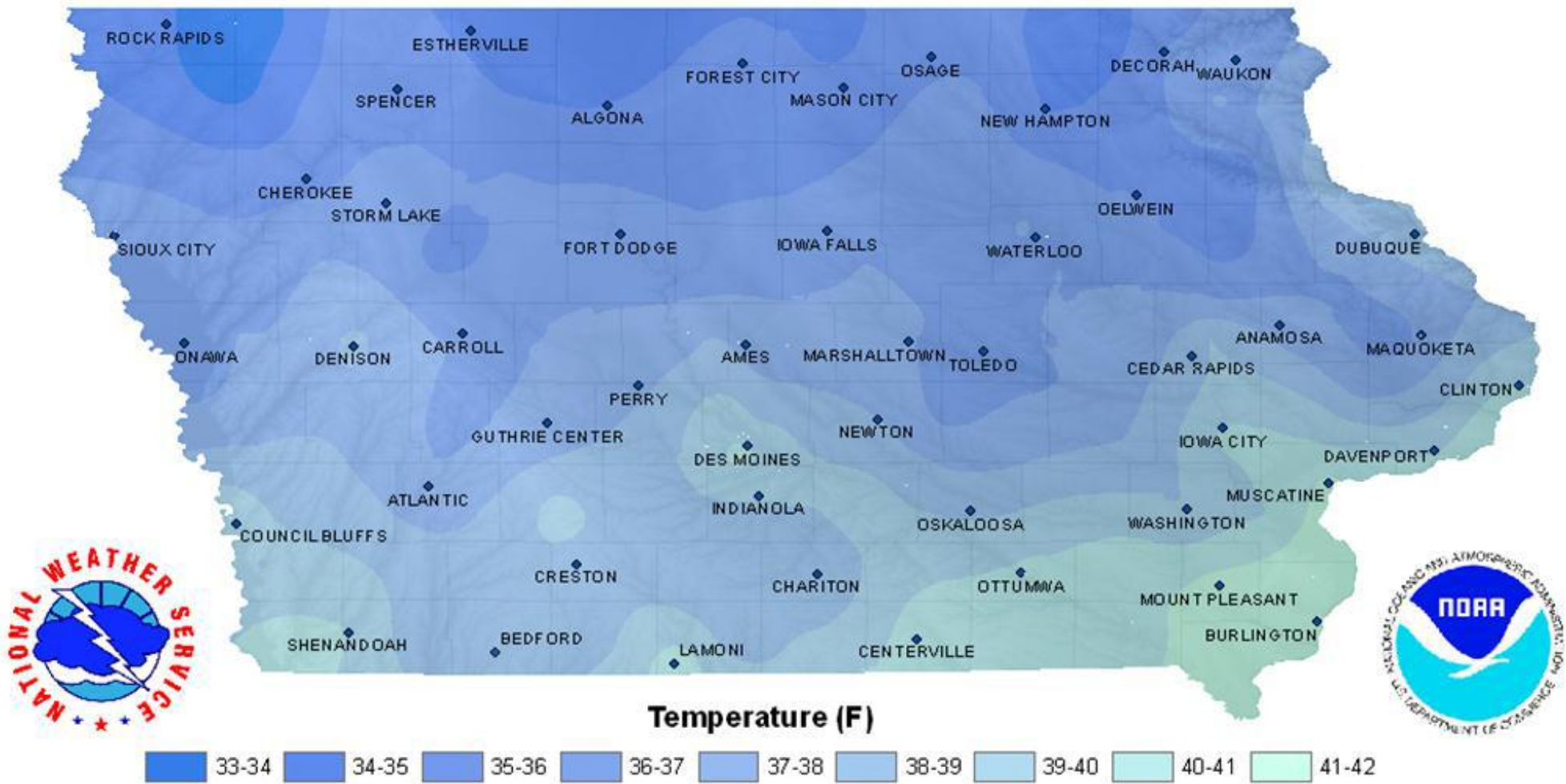
City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp
Algona	55.8	Burlington	62.8	Cherokee	58.3	Decorah	58.4	Forest City	55.4	Iowa Falls	57.4	Mt. Pleasant	61.8	Onawa	61.1	Rock Rapids	57.2	Toledo	57.9
Ames	59.8	Carroll	58.6	Clinton	60.5	Denison	58.7	Ft. Dodge	57.7	Lamoni	60.9	Muscatine	61.6	Osage	55.3	Shenandoah	62.5	Washington	60.6
Anamosa	58.4	Cedar Rapids	58.4	Council Bluffs/ Omaha	61.9	Des Moines	60.4	Guthrie Center	59.7	Maquoketa	57.3	New Hampton	55.3	Oskaloosa	60.0	Sioux City	59.9	Waterloo	58.4
Atlantic	60.9	Centerville	60.9	Creston	59.5	Dubuque	58.2	Indianola	60.1	Marshalltown	58.4	Newton	58.8	Ottumwa	60.6	Spencer	56.6	Waukon	55.4
Bedford	61.7	Chariton	60.4	Davenport	59.4	Estherville	55.8	Iowa City	62.1	Mason City	55.4	Oelwein	56.3	Perry	59.1	Storm Lake	57.1		

# Annual Average Temperature Normals (1981-2010)



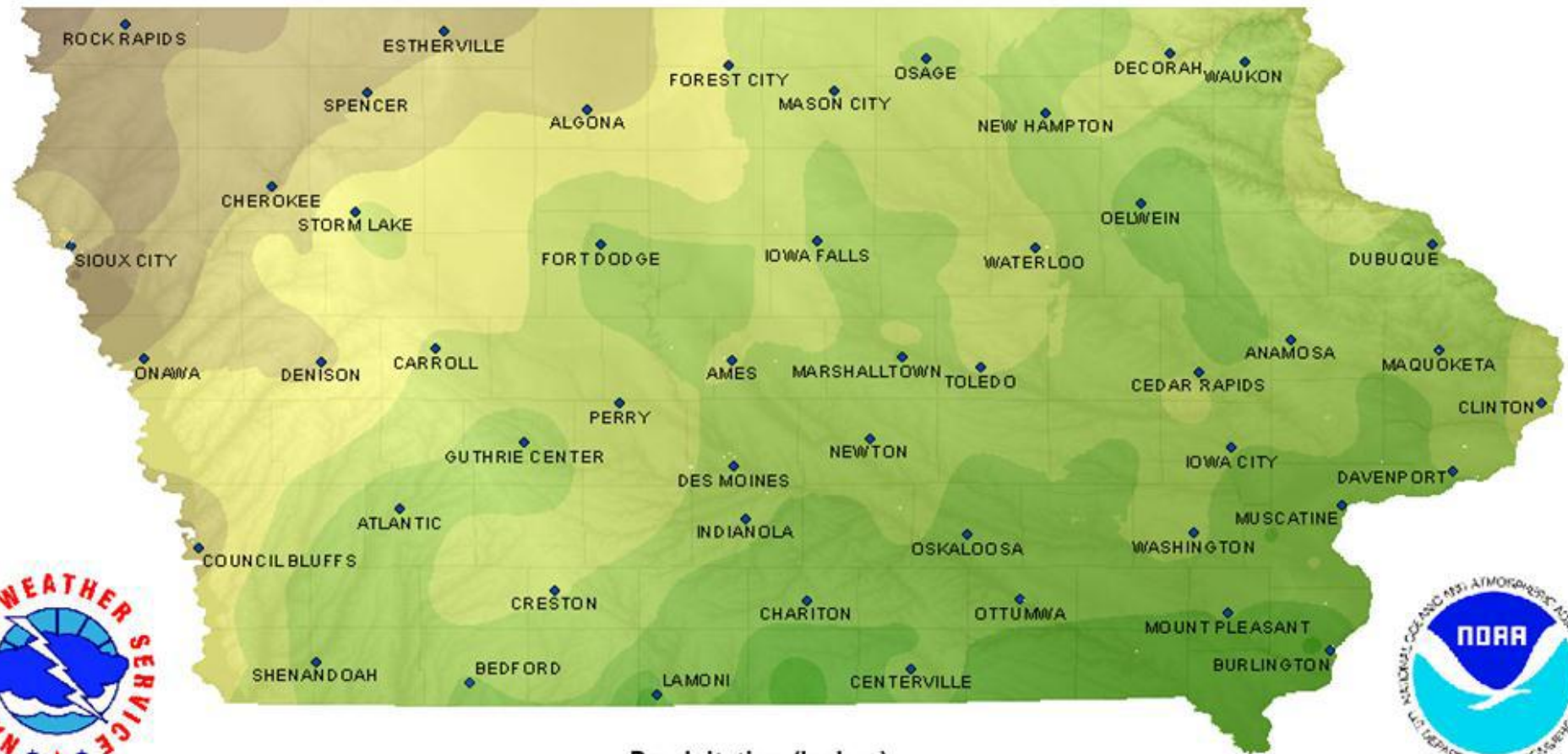
City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp
Algona	45.4	Burlington	53.0	Cherokee	46.8	Decorah	47.4	Forest City	45.6	Iowa Falls	46.8	Mt. Pleasant	51.9	Onawa	48.6	Rock Rapids	45.7	Toledo	47.4
Ames	49.4	Carroll	47.8	Clinton	50.6	Denison	49.3	Ft. Dodge	47.1	Lamoni	50.9	Muscatine	51.8	Osage	45.5	Shenandoah	51.4	Washington	49.4
Anamosa	47.0	Cedar Rapids	48.2	Council Bluffs/ Omaha	51.1	Des Moines	50.9	Guthrie Center	48.3	Maquoketa	46.7	New Hampton	44.9	Oskaloosa	49.2	Sioux City	48.6	Waterloo	47.9
Atlantic	48.8	Centerville	50.6	Creston	49.1	Dubuque	48.9	Indianola	49.5	Marshalltown	47.6	Newton	48.4	Ottumwa	50.3	Spencer	46.0	Waukon	45.5
Bedford	50.2	Chariton	48.8	Davenport	49.3	Estherville	45.0	Iowa City	51.3	Mason City	45.2	Oelwein	46.1	Perry	48.3	Storm Lake	47.1		

# Annual Low Temperature Normals (1981-2010)



City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp
Algona	34.9	Burlington	43.1	Cherokee	35.3	Decorah	36.4	Forest City	35.7	Iowa Falls	36.2	Mt. Pleasant	42.0	Onawa	36.0	Rock Rapids	34.2	Toledo	36.9
Ames	39.0	Carroll	37.0	Clinton	40.7	Denison	38.8	Ft. Dodge	36.5	Lamoni	40.9	Muscatine	41.9	Osage	35.7	Shenandoah	40.4	Washington	38.3
Anamosa	35.7	Cedar Rapids	38.0	Council Bluffs/Omaha	40.3	Des Moines	41.5	Guthrie Center	36.9	Maquoketa	36.2	New Hampton	34.6	Oskaloosa	38.4	Sioux City	37.3	Waterloo	37.4
Atlantic	36.6	Centerville	40.3	Creston	38.5	Dubuque	39.6	Indianola	38.8	Marshalltown	36.8	Newton	38.0	Ottumwa	40.0	Spencer	35.3	Waukon	35.6
Bedford	38.7	Chariton	37.3	Davenport	39.2	Estherville	34.3	Iowa City	40.6	Mason City	35.1	Oelwein	35.9	Perry	37.6	Storm Lake	37.1		

# Annual Precipitation Normals (1981-2010)

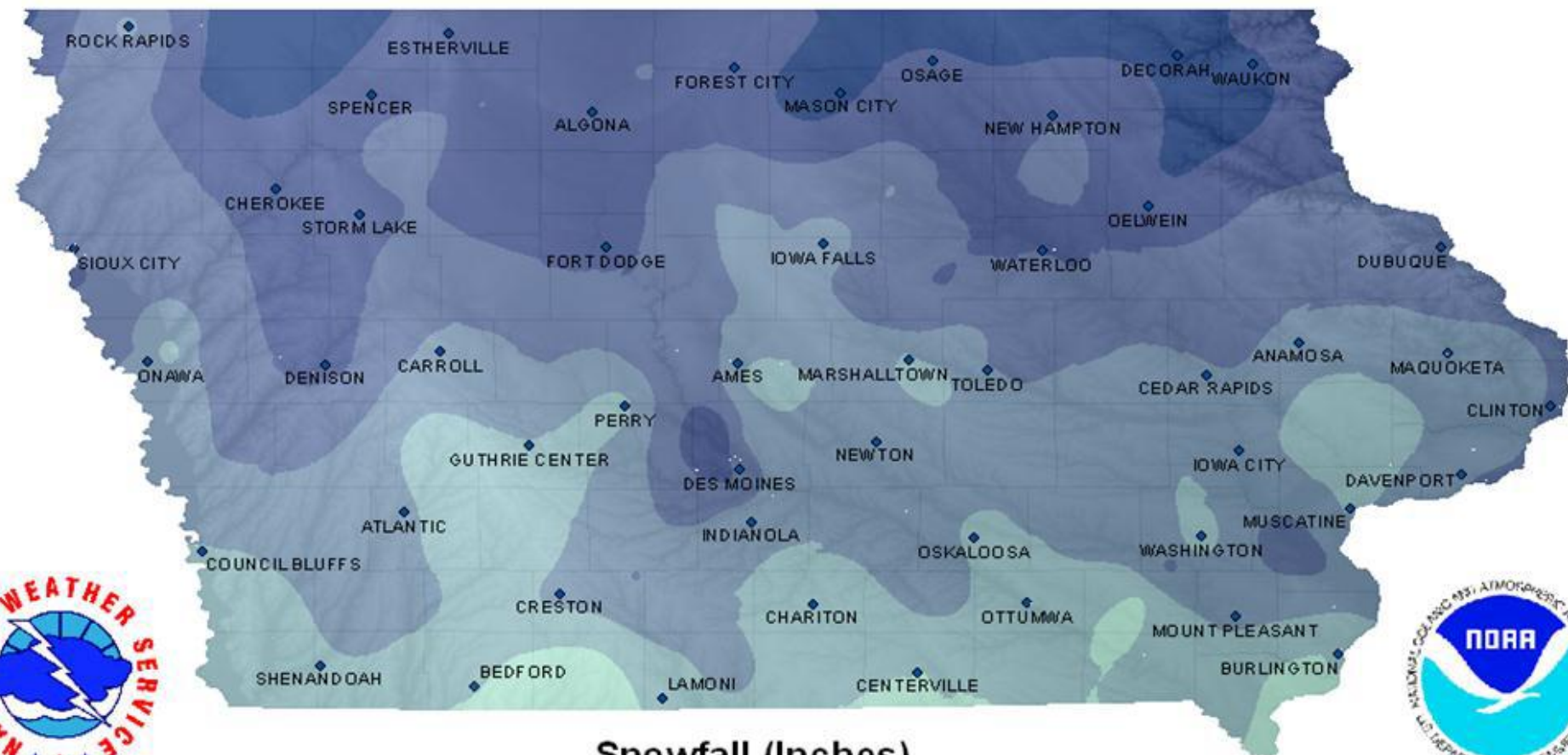


Precipitation (Inches)



City	Precip	City	Precip	City	Precip	City	Precip	City	Precip	City	Precip	City	Precip	City	Precip	City	Precip	City	Precip
Algona	32.19	Burlington	38.48	Cherokee	30.72	Decorah	34.68	Forest City	34.00	Iowa Falls	36.68	Mt. Pleasant	38.39	Onawa	30.53	Rock Rapids	28.59	Toledo	35.24
Ames	35.83	Carroll	34.31	Clinton	34.59	Denison	32.26	Ft. Dodge	35.63	Lamoni	41.03	Muscatine	38.53	Osage	35.92	Shenandoah	36.34	Washington	36.49
Anamosa	37.84	Cedar Rapids	34.61	Council Bluffs/Omaha	30.62	Des Moines	36.01	Guthrie Center	36.78	Maquoketa	36.05	New Hampton	37.30	Oskaloosa	38.22	Sioux City	27.74	Waterloo	34.56
Atlantic	36.89	Centerville	37.47	Creston	35.48	Dubuque	36.25	Indianola	36.27	Marshalltown	37.35	Newton	35.52	Ottumwa	37.07	Spencer	29.51	Waukon	36.02
Bedford	37.23	Chariton	37.51	Davenport	36.03	Estherville	30.71	Iowa City	37.59	Mason City	35.20	Oelwein	37.72	Perry	34.23	Storm Lake	34.67		

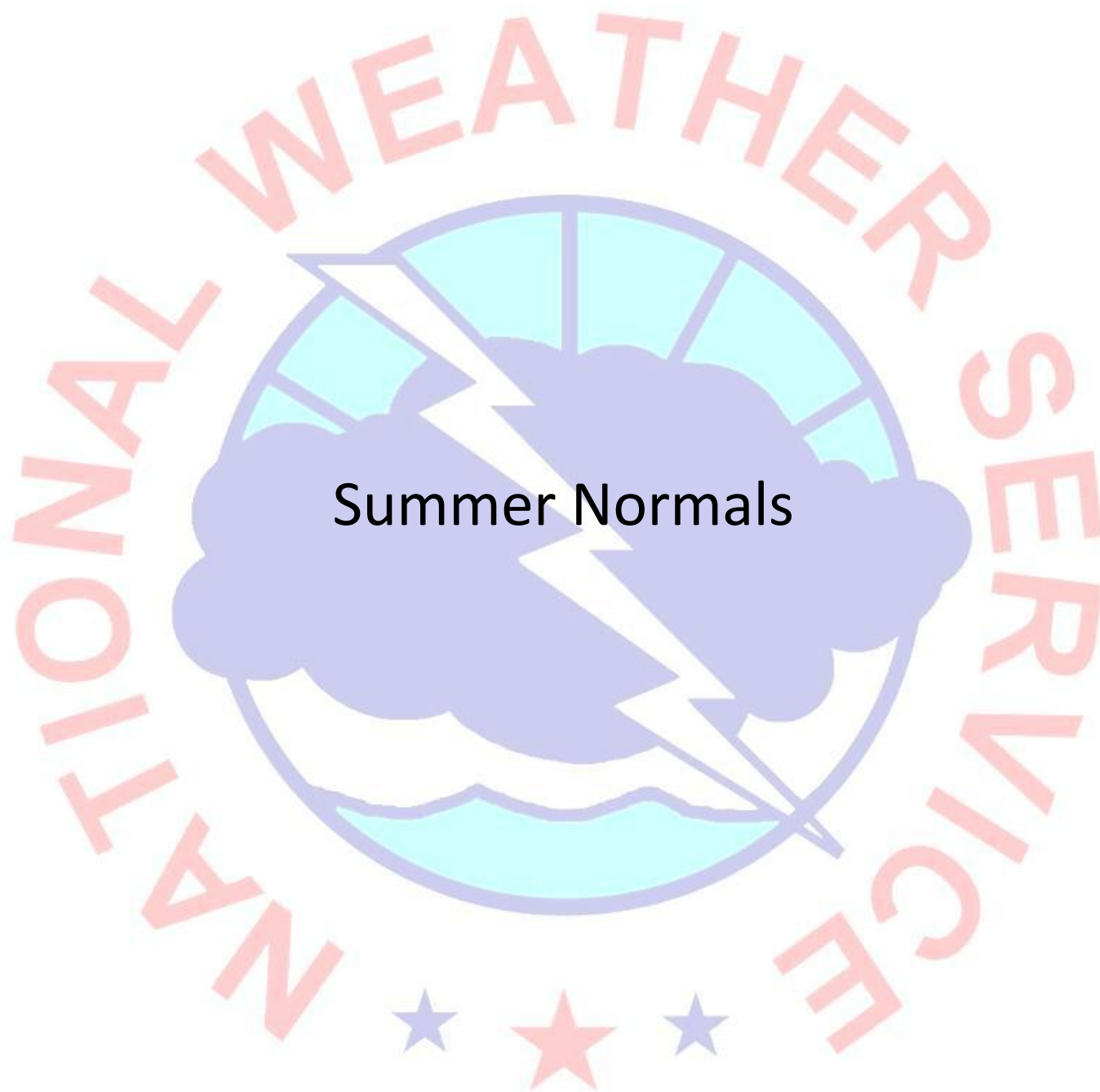
# Annual Average Snowfall Normals (1981-2010)



Snowfall (Inches)



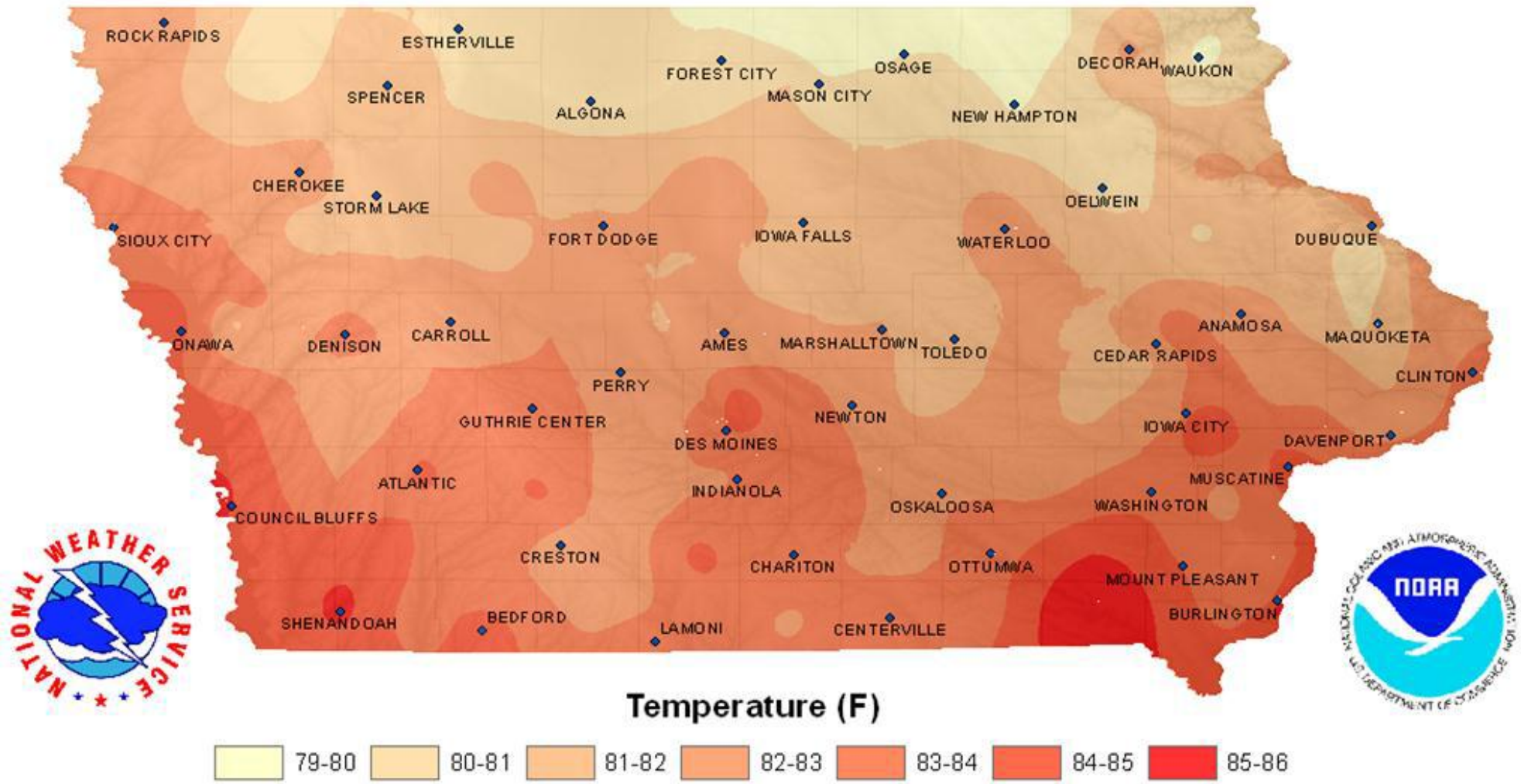
City	Snow	City	Snow	City	Snow	City	Snow	City	Snow	City	Snow	City	Snow	City	Snow	City	Snow	City	Snow
Algona	37.2	Burlington	23.5	Cherokee	35.8	Decorah	38.8	Forest City	M	Iowa Falls	28.0	Mt. Pleasant	26.4	Onawa	30.3	Rock Rapids	28.2	Toledo	30.6
Ames	31.6	Carroll	29.2	Clinton	30.3	Denison	36.0	Ft. Dodge	35.8	Lamoni	23.8	Muscatine	25.2	Osage	36.8	Shenandoah	25.1	Washington	23.1
Anamosa	22.0	Cedar Rapids	26.7	Council Bluffs/ Omaha	26.4	Des Moines	34.9	Guthrie Center	25.9	Maquoketa	28.6	New Hampton	34.0	Oskaloosa	25.1	Sioux City	34.8	Waterloo	34.5
Atlantic	26.6	Centerville	21.7	Creston	27.0	Dubuque	33.7	Indianola	27.9	Marshalltown	25.4	Newton	28.5	Ottumwa	23.5	Spencer	36.3	Waukon	M
Bedford	22.6	Chariton	23.2	Davenport	31.6	Estherville	M	Iowa City	27.2	Mason City	41.2	Oelwein	M	Perry	23.5	Storm Lake	36.4		



Summer Normals



# Summer High Temperature Normals (1981-2010)

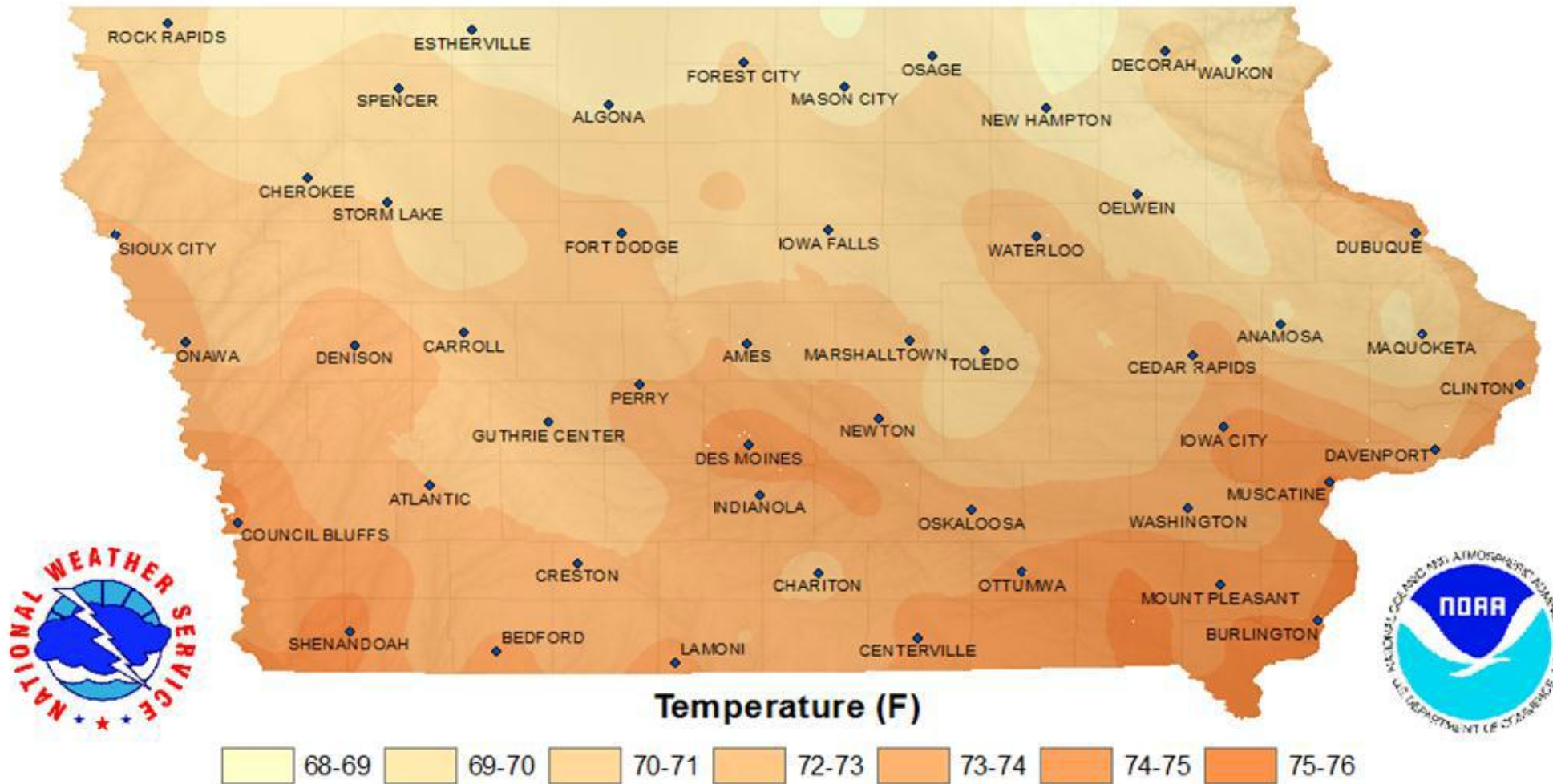


Temperature (F)



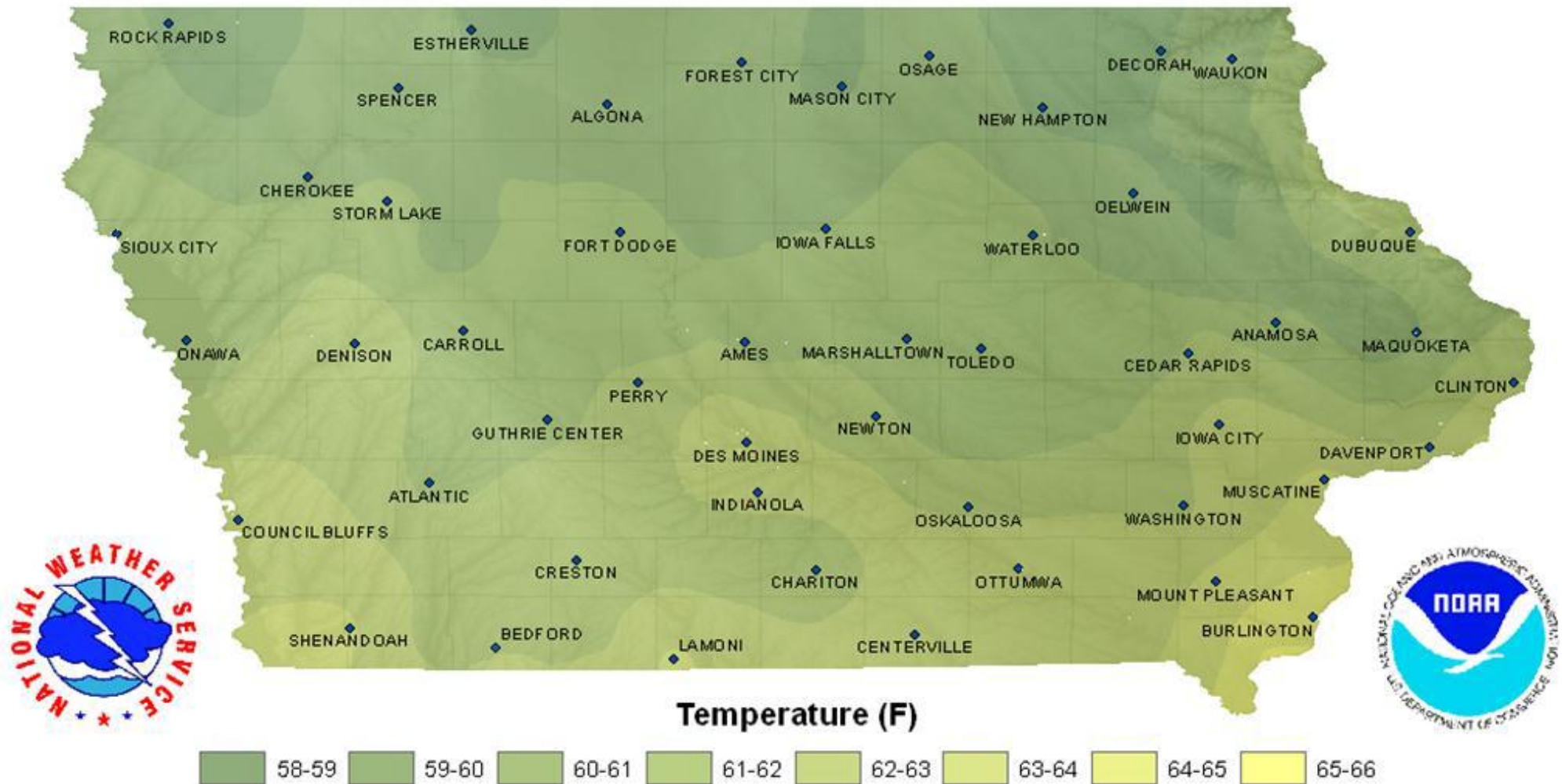
City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp
Algona	80.4	Burlington	85.2	Cherokee	82.8	Decorah	82.4	Forest City	80.3	Iowa Falls	81.8	Mt. Pleasant	84.1	Onawa	84.6	Rock Rapids	82.8	Toledo	81.6
Ames	82.8	Carroll	82.6	Clinton	83.3	Denison	83.3	Ft. Dodge	82.0	Lamoni	84.1	Muscatine	84.4	Osage	80.0	Shenandoah	85.3	Washington	83.8
Anamosa	82.0	Cedar Rapids	81.8	Council Bluffs/ Omaha	85.2	Des Moines	83.8	Guthrie Center	83.1	Maquoketa	80.9	New Hampton	79.9	Oskaloosa	82.9	Sioux City	83.6	Waterloo	82.6
Atlantic	84.1	Centerville	83.5	Creston	82.6	Dubuque	82.7	Indianola	82.8	Marshalltown	82.1	Newton	82.7	Ottumwa	83.5	Spencer	81.7	Waukon	79.7
Bedford	84.6	Chariton	83.1	Davenport	82.0	Estherville	80.6	Iowa City	85.2	Mason City	80.1	Oelwein	80.6	Perry	82.9	Storm Lake	81.1		

# Summer Average Temperature Normals (1981-2010)



City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp
Algona	69.7	Burlington	75.1	Cherokee	70.8	Decorah	70.7	Forest City	70.2	Iowa Falls	70.8	Mt. Pleasant	73.9	Onawa	72.4	Rock Rapids	70.9	Toledo	70.8
Ames	72.3	Carroll	71.7	Clinton	73.0	Denison	73.0	Ft. Dodge	71.2	Lamoni	74.1	Muscatine	74.3	Osage	69.9	Shenandoah	74.6	Washington	72.4
Anamosa	69.9	Cedar Rapids	71.2	Council Bluffs/Omaha	74.5	Des Moines	74.2	Guthrie Center	71.7	Maquoketa	69.8	New Hampton	69.1	Oskaloosa	72.3	Sioux City	72.3	Waterloo	71.6
Atlantic	72.0	Centerville	73.1	Creston	72.2	Dubuque	72.9	Indianola	72.3	Marshalltown	71.3	Newton	72.2	Ottumwa	73.0	Spencer	70.5	Waukon	69.3
Bedford	73.4	Chariton	71.6	Davenport	71.6	Estherville	69.4	Iowa City	74.1	Mason City	69.3	Oelwein	70.0	Perry	72.1	Storm Lake	71.0		

# Summer Low Temperature Normals (1981-2010)



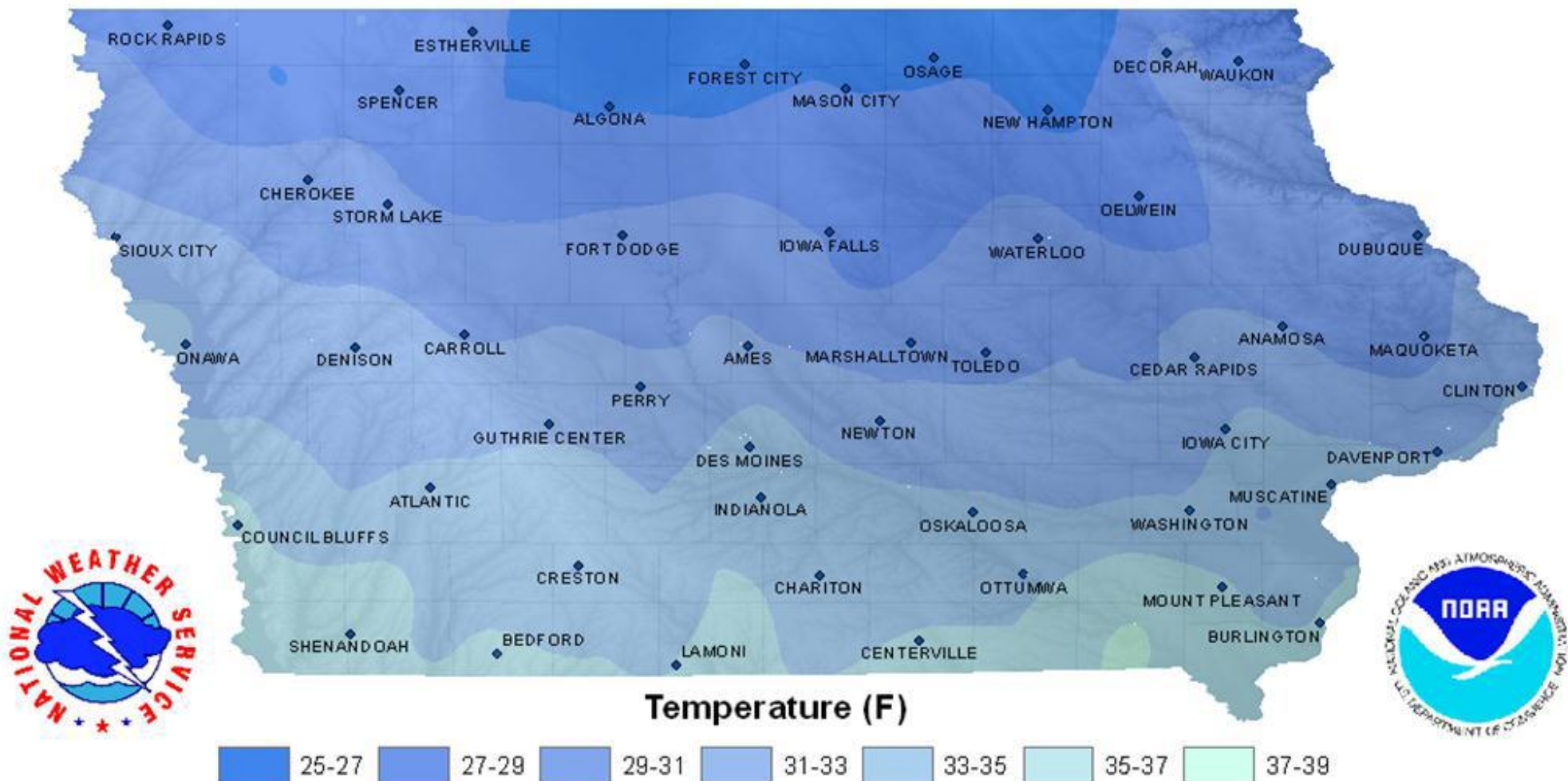
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City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp
Algona	59.0	Burlington	65.0	Cherokee	58.8	Decorah	59.0	Forest City	60.1	Iowa Falls	59.9	Mt. Pleasant	63.6	Onawa	60.2	Rock Rapids	59.0	Toledo	60.0
Ames	61.7	Carroll	60.8	Clinton	62.7	Denison	62.6	Ft. Dodge	60.5	Lamoni	64.1	Muscatine	64.1	Osage	59.8	Shenandoah	63.8	Washington	61.1
Anamosa	57.8	Cedar Rapids	60.6	Council Bluffs/ Omaha	63.7	Des Moines	64.6	Guthrie Center	60.2	Maquoketa	58.8	New Hampton	58.3	Oskaloosa	61.7	Sioux City	60.9	Waterloo	60.7
Atlantic	60.0	Centerville	62.7	Creston	61.9	Dubuque	63.1	Indianola	61.8	Marshalltown	60.5	Newton	61.6	Ottumwa	62.5	Spencer	59.3	Waukon	59.0
Bedford	62.2	Chariton	60.2	Davenport	61.1	Estherville	58.1	Iowa City	62.9	Mason City	58.5	Oelwein	59.3	Perry	61.3	Storm Lake	60.9		



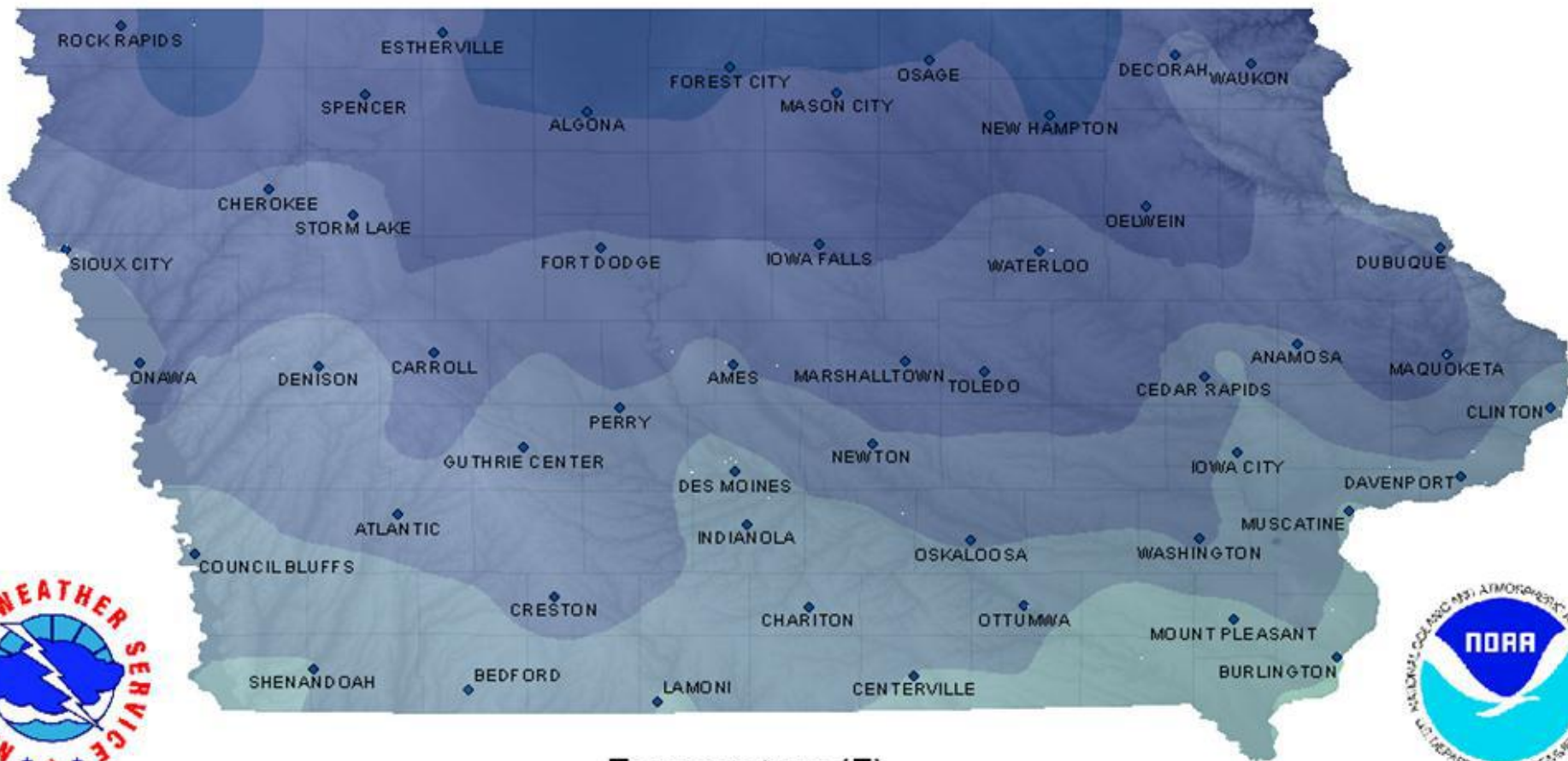
Winter Normals

# Winter High Temperature Normals (1981-2010)



City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp
Algona	26.8	Burlington	36.8	Cherokee	30.3	Decorah	30.0	Forest City	26.3	Iowa Falls	28.9	Mt. Pleasant	35.6	Onawa	33.7	Rock Rapids	28.2	Toledo	30.1
Ames	32.0	Carroll	30.9	Clinton	33.2	Denison	32.7	Ft. Dodge	29.2	Lamoni	34.9	Muscatine	34.7	Osage	26.5	Shenandoah	36.2	Washington	33.4
Anamosa	30.7	Cedar Rapids	31.0	Council Bluffs/Omaha	35.5	Des Moines	33.6	Guthrie Center	32.6	Maquoketa	29.7	New Hampton	26.6	Oskaloosa	33.3	Sioux City	32.4	Waterloo	30.1
Atlantic	33.9	Centerville	35.4	Creston	32.9	Dubuque	30.7	Indianola	34.0	Marshalltown	30.8	Newton	31.2	Ottumwa	34.2	Spencer	28.1	Waukon	27.3
Bedford	35.6	Chariton	34.3	Davenport	32.4	Estherville	27.2	Iowa City	34.7	Mason City	26.9	Oelwein	27.5	Perry	31.5	Storm Lake	29.2		

# Winter Average Temperature Normals (1981-2010)

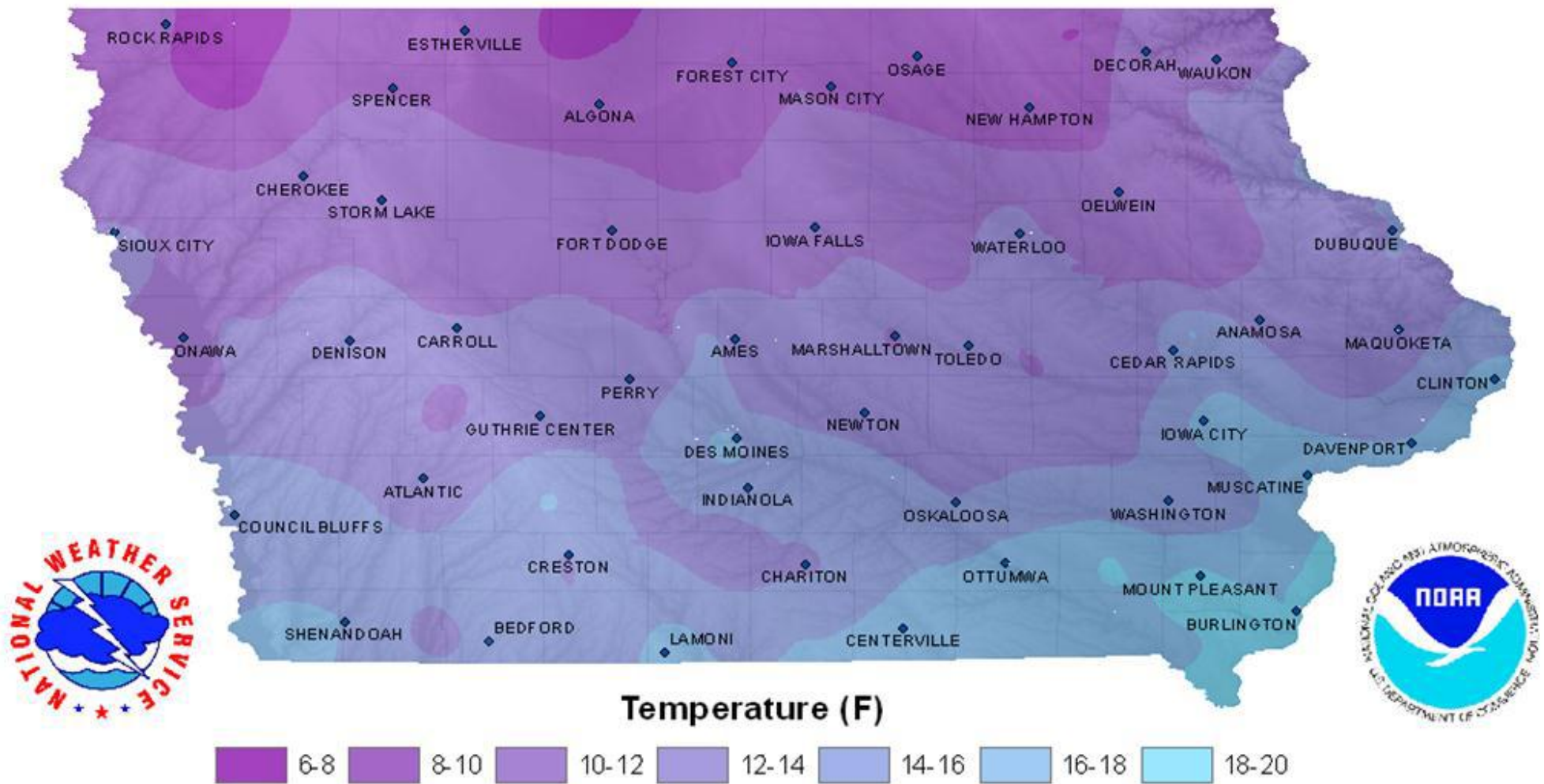


Temperature (F)



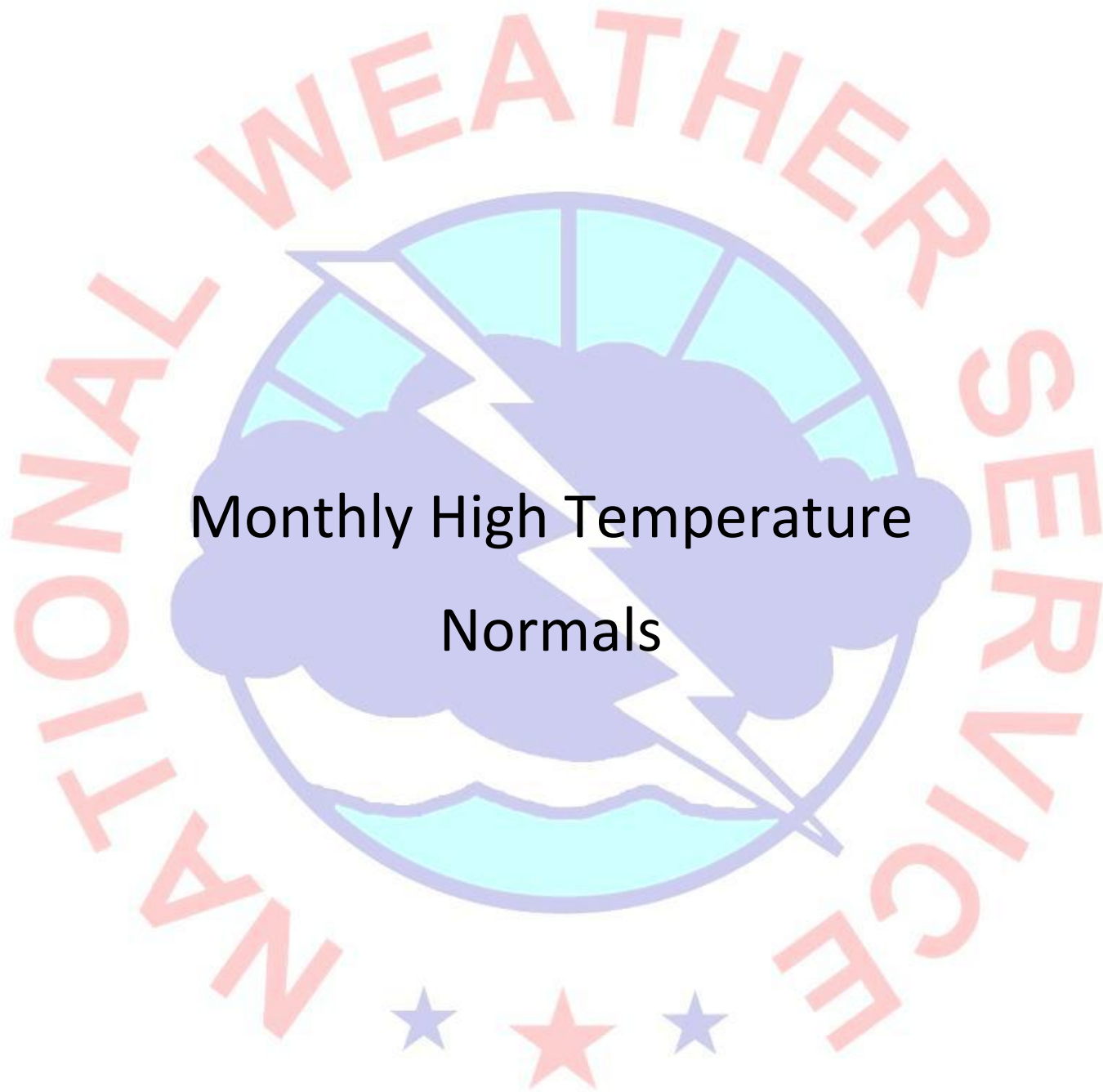
City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp
Algona	17.9	Burlington	28.3	Cherokee	20.5	Decorah	20.8	Forest City	17.8	Iowa Falls	19.8	Mt. Pleasant	27.1	Onawa	22.4	Rock Rapids	18.3	Toledo	21.2
Ames	23.2	Carroll	21.6	Clinton	25.2	Denison	23.4	Ft. Dodge	20.0	Lamoni	25.8	Muscatine	26.4	Osage	18.0	Shenandoah	26.1	Washington	23.7
Anamosa	21.4	Cedar Rapids	22.4	Council Bluffs/Omaha	25.8	Des Moines	25.3	Guthrie Center	22.6	Maquoketa	20.9	New Hampton	17.4	Oskaloosa	23.6	Sioux City	22.6	Waterloo	21.3
Atlantic	23.1	Centerville	26.1	Creston	23.4	Dubuque	22.4	Indianola	24.3	Marshalltown	21.3	Newton	22.1	Ottumwa	25.1	Spencer	18.9	Waukon	19.0
Bedford	24.9	Chariton	24.0	Davenport	24.1	Estherville	18.0	Iowa City	25.7	Mason City	18.3	Oelwein	18.8	Perry	22.2	Storm Lake	20.3		

# Winter Low Temperature Normals (1981-2010)



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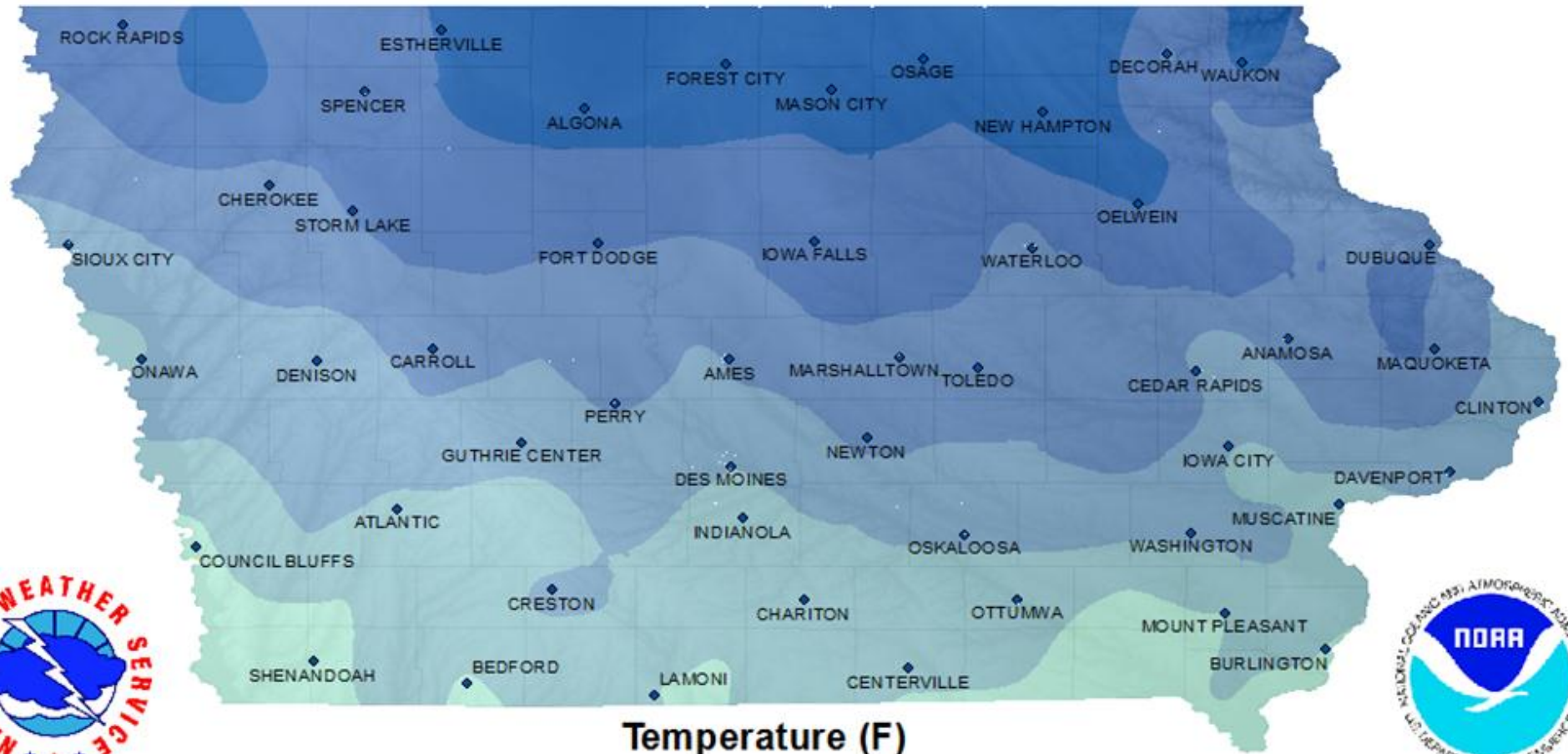
City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp
Algona	9.1	Burlington	19.8	Cherokee	10.7	Decorah	11.7	Forest City	9.2	Iowa Falls	10.8	Mt. Pleasant	18.7	Onawa	11.1	Rock Rapids	8.2	Toledo	12.2
Ames	14.5	Carroll	12.3	Clinton	17.2	Denison	14.0	Ft. Dodge	10.8	Lamoni	16.7	Muscatine	18.1	Osage	9.4	Shenandoah	16.0	Washington	14.0
Anamosa	12.0	Cedar Rapids	13.7	Council Bluffs/ Omaha	16.1	Des Moines	17.0	Guthrie Center	12.6	Maquoketa	12.1	New Hampton	8.2	Oskaloosa	13.9	Sioux City	12.8	Waterloo	12.5
Atlantic	12.4	Centerville	16.8	Creston	13.9	Dubuque	14.0	Indianola	14.5	Marshalltown	11.8	Newton	12.9	Ottumwa	16.1	Spencer	9.7	Waukon	10.7
Bedford	14.2	Chariton	13.7	Davenport	15.9	Estherville	8.7	Iowa City	16.8	Mason City	9.6	Oelwein	10.1	Perry	12.9	Storm Lake	11.5		



Monthly High Temperature  
Normals

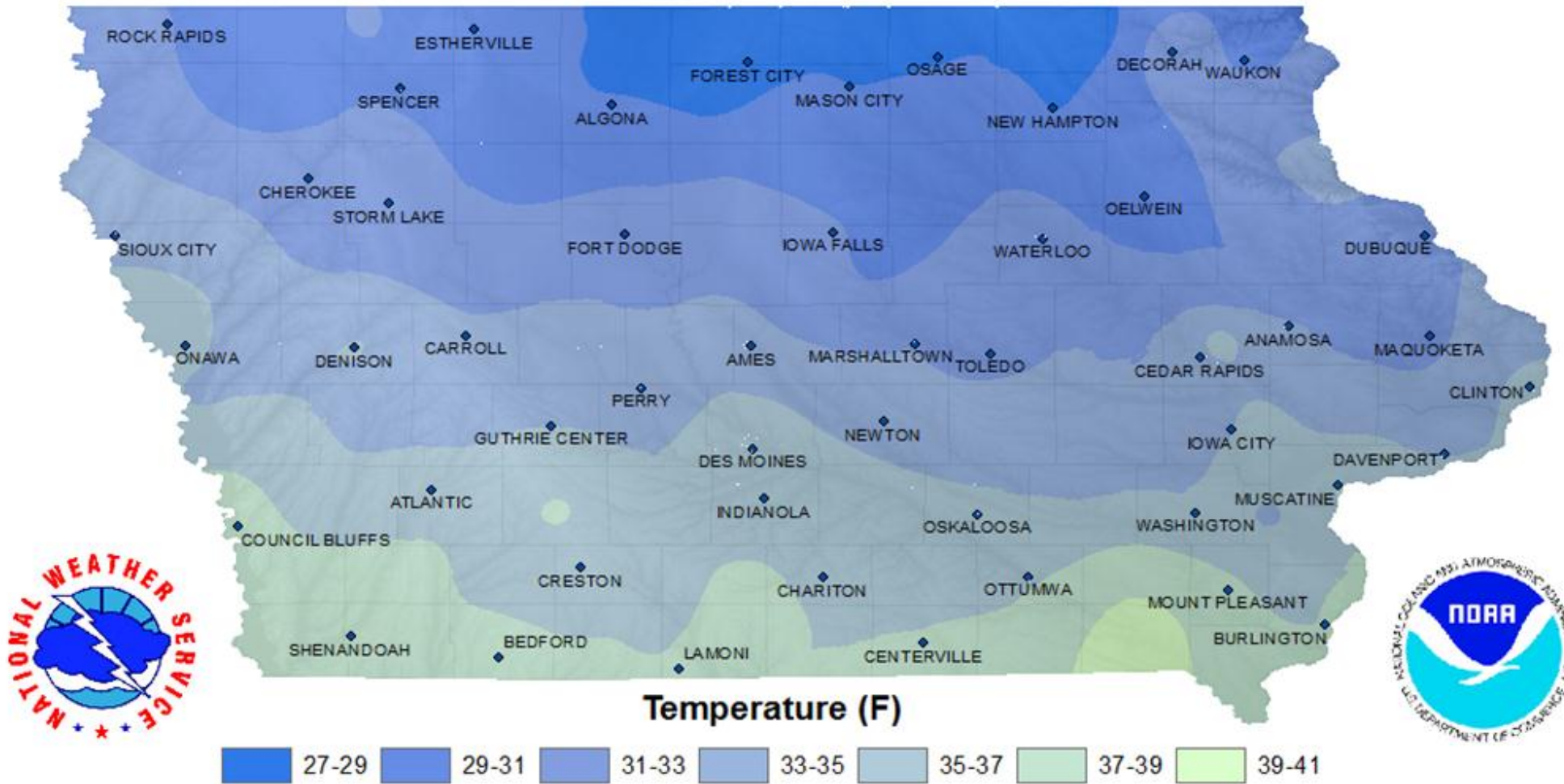


# January High Temperature Normals (1981-2010)



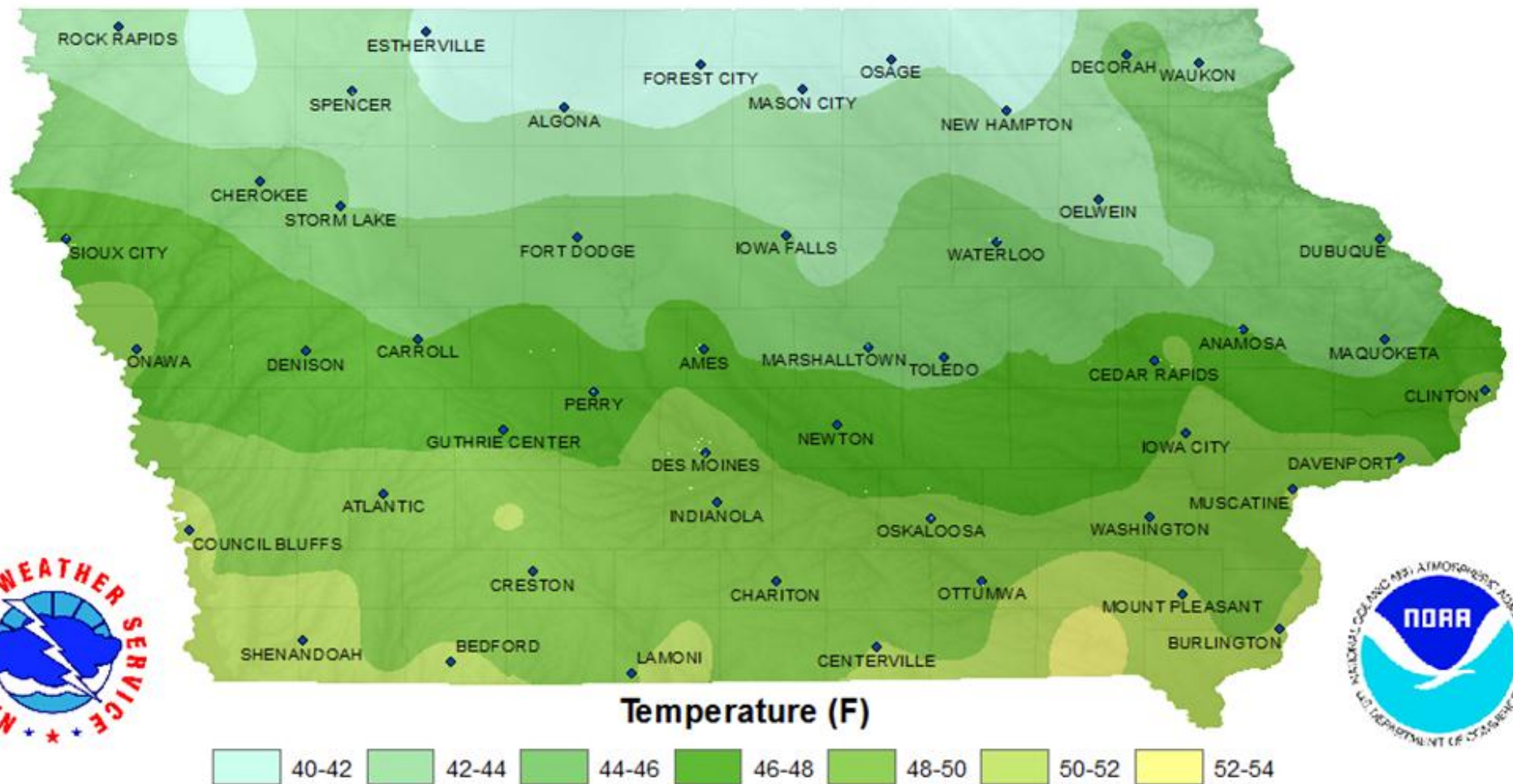
City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp
Algona	24.3	Burlington	34.4	Cherokee	27.8	Decorah	27.3	Forest City	23.7	Iowa Falls	26.2	Mt. Pleasant	33.1	Onawa	31.6	Rock Rapids	25.8	Toledo	27.4
Ames	28.7	Carroll	28.5	Clinton	30.5	Denison	30.4	Ft. Dodge	26.5	Lamosos	33.2	Muscatine	32.2	Osage	23.7	Shenandoah	33.8	Washington	30.6
Anamosa	M	Cedar Rapids	28.2	Council Bluffs/Omaha	33.4	Des Moines	31.0	Guthrie Center	30.2	Maquoketa	26.8	New Hampton	23.8	Oskaloosa	30.6	Sioux City	30.5	Waterloo	27.4
Atlantic	31.5	Centerville	32.7	Creston	30.5	Dubuque	26.7	Indianola	31.5	Marshalltown	27.8	Newton	28.3	Ottumwa	31.6	Spencer	25.6	Waukon	24.3
Bedford	33.2	Chariton	31.7	Davenport	29.8	Estherville	24.4	Iowa City	30.0	Mason City	24.3	Oelwein	24.9	Perry	28.8	Storm Lake	26.8		

# February High Temperature Normals (1981-2010)



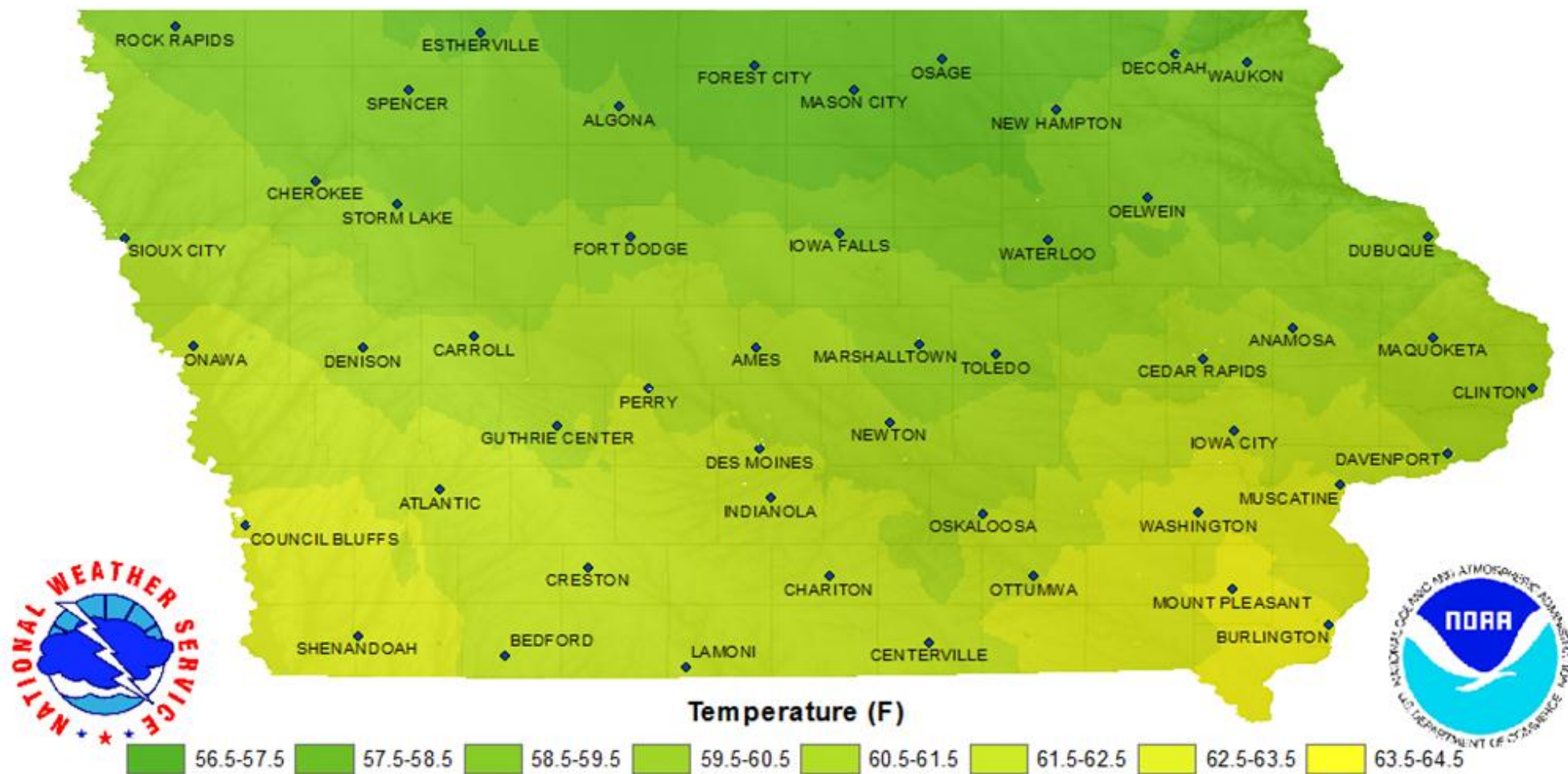
City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp
Algona	29.1	Burlington	38.9	Cherokee	32.9	Decorah	32.7	Forest City	28.3	Iowa Falls	31.2	Mt. Pleasant	37.9	Onawa	36.5	Rock Rapids	31.1	Toledo	32.2
Ames	33.8	Carroll	33.3	Clinton	35.6	Denison	35.1	Ft. Dodge	31.8	Lamoni	37.3	Muscatine	37.1	Osage	28.8	Shenandoah	39.0	Washington	35.5
Anamosa	M	Cedar Rapids	33.3	Council Bluffs/Omaha	38.1	Des Moines	36.1	Guthrie Center	35.0	Maquoketa	31.9	New Hampton	29.0	Oskaloosa	35.4	Sioux City	34.9	Waterloo	32.2
Atlantic	36.5	Centerville	37.5	Creston	35.1	Dubuque	31.6	Indianola	36.4	Marshalltown	32.4	Newton	33.8	Ottumwa	36.3	Spencer	30.7	Waukon	30.1
Bedford	38.2	Chariton	36.6	Davenport	34.4	Estherville	29.3	Iowa City	34.3	Mason City	29.4	Oelwein	29.4	Perry	33.7	Storm Lake	31.5		

# March High Temperature Normals (1981-2010)



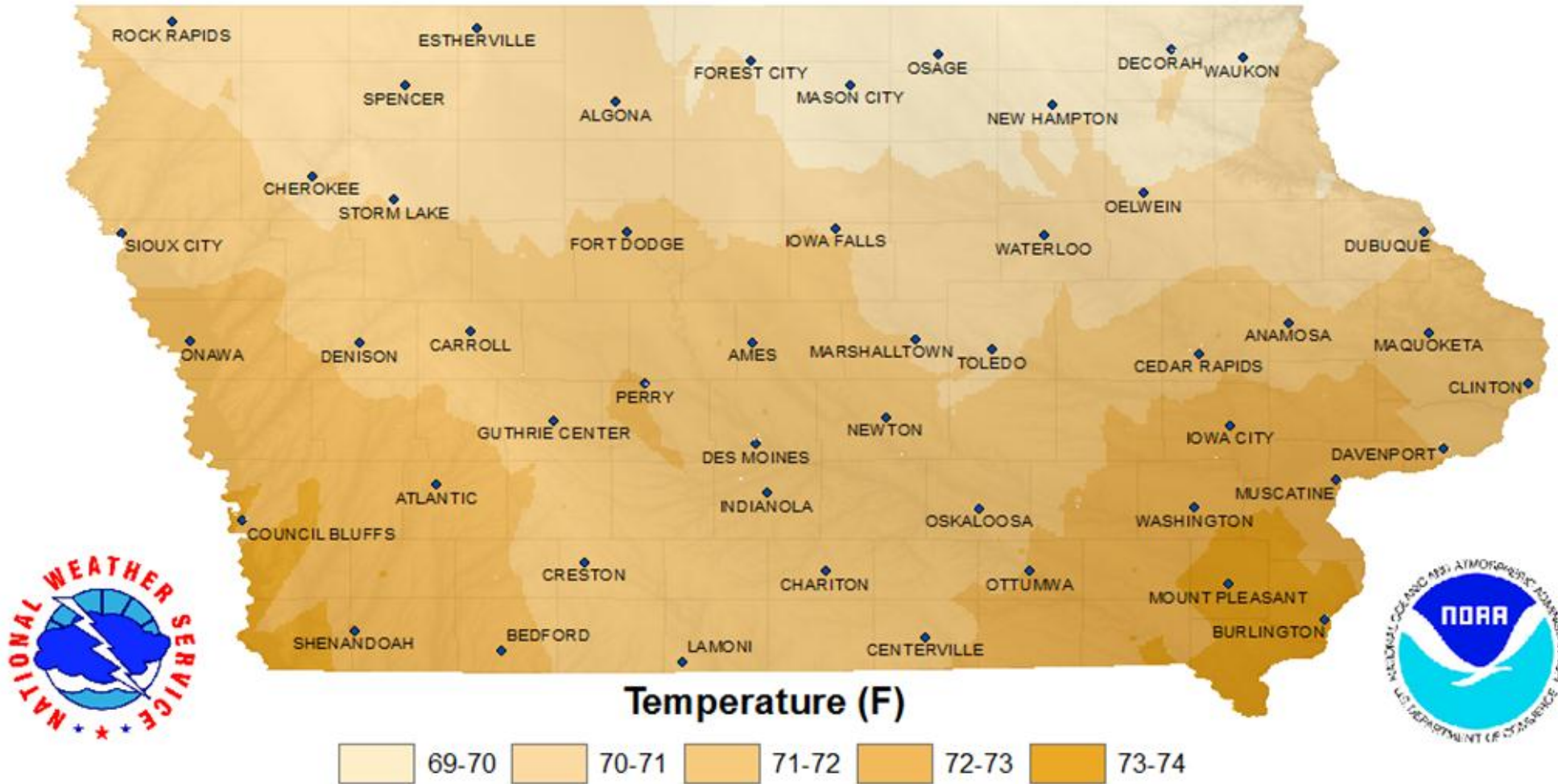
City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp
Algona	42.0	Burlington	51.5	Cherokee	45.2	Decorah	45.6	Forest City	41.3	Iowa Falls	44.1	Mt. Pleasant	50.6	Onawa	49.5	Rock Rapids	43.0	Toledo	45.4
Ames	47.3	Carroll	46.0	Clinton	48.9	Denison	47.3	Ft. Dodge	44.7	Lamoni	50.2	Muscatine	50.2	Osage	41.2	Shenandoah	51.0	Washington	48.7
Anamosa	M	Cedar Rapids	46.5	Council Bluffs/ Omaha	50.9	Des Moines	49.0	Guthrie Center	47.4	Maquoketa	44.5	New Hampton	42.0	Oskaloosa	48.4	Sioux City	47.5	Waterloo	45.6
Atlantic	49.6	Centerville	50.2	Creston	48.1	Dubuque	44.2	Indianola	48.6	Marshalltown	46.0	Newton	46.7	Ottumwa	49.3	Spencer	42.9	Waukon	42.7
Bedford	50.5	Chariton	49.0	Davenport	48.2	Estherville	41.7	Iowa City	48.2	Mason City	41.3	Oelwein	43.1	Perry	46.6	Storm Lake	44.0		

# April High Temperature Normals (1981-2010)



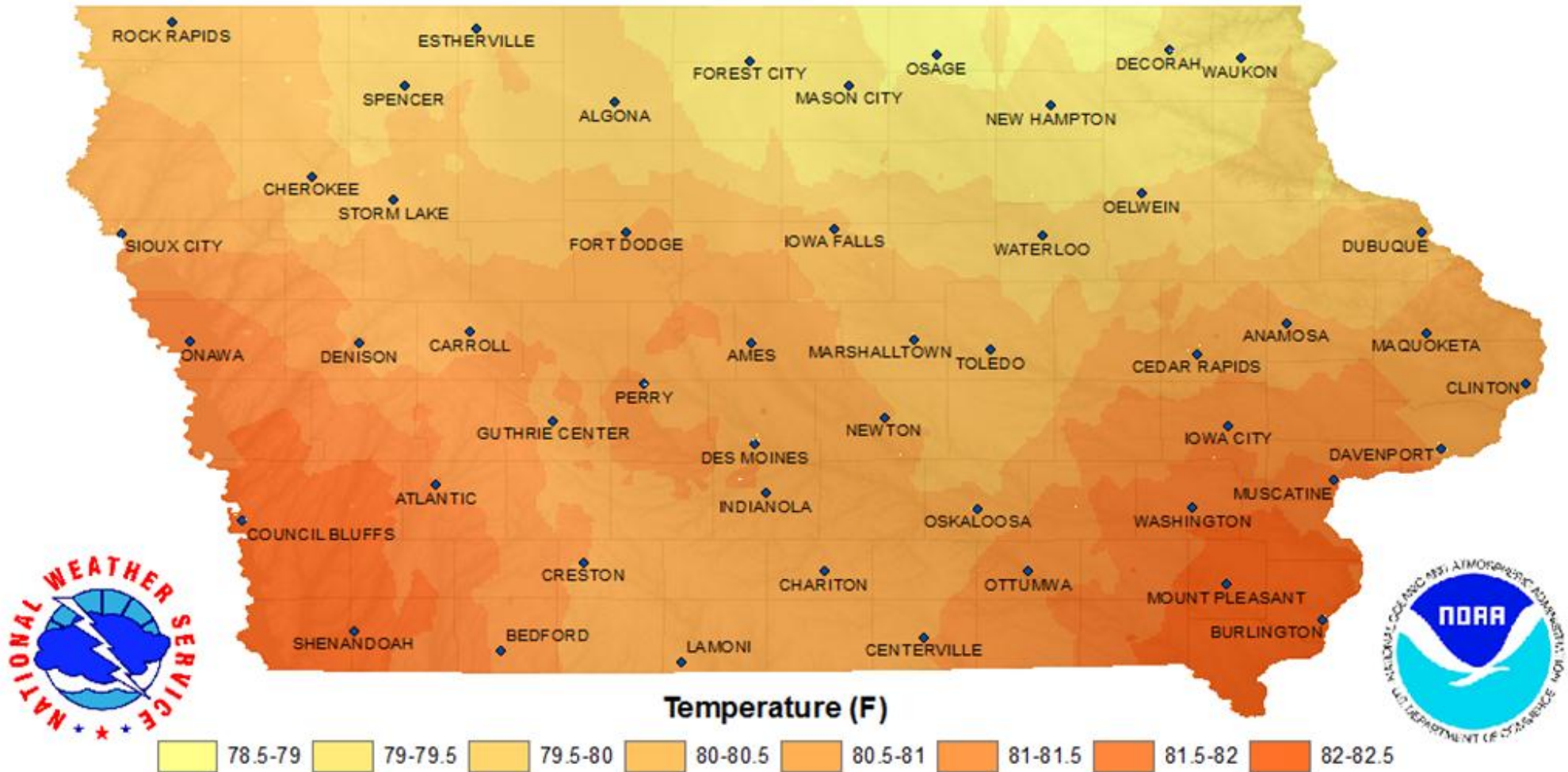
City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp
Algona	58.0	Burlington	64.5	Cherokee	60.3	Decorah	61.3	Forest City	57.5	Iowa Falls	59.0	Mt. Pleasant	64.0	Onawa	63.5	Rock Rapids	58.9	Toledo	59.5
Ames	60.9	Carroll	60.3	Clinton	63.3	Denison	61.0	Ft. Dodge	60.0	Lamoni	62.0	Muscatine	64.2	Osage	57.2	Shenandoah	63.8	Washington	62.8
Anamosa	M	Cedar Rapids	60.7	Council Bluffs/ Omaha	63.7	Des Moines	62.3	Guthrie Center	61.2	Maquoketa	59.0	New Hampton	57.6	Oskaloosa	61.6	Sioux City	62.3	Waterloo	60.6
Atlantic	63.0	Centerville	62.7	Creston	60.9	Dubuque	58.5	Indianola	61.7	Marshalltown	60.6	Newton	60.6	Ottumwa	62.2	Spencer	58.6	Waukon	57.5
Bedford	63.1	Chariton	61.5	Davenport	61.7	Estherville	58.4	Iowa City	61.7	Mason City	58.3	Delwein	57.6	Perry	60.6	Storm Lake	59.3		

# May High Temperature Normals (1981-2010)



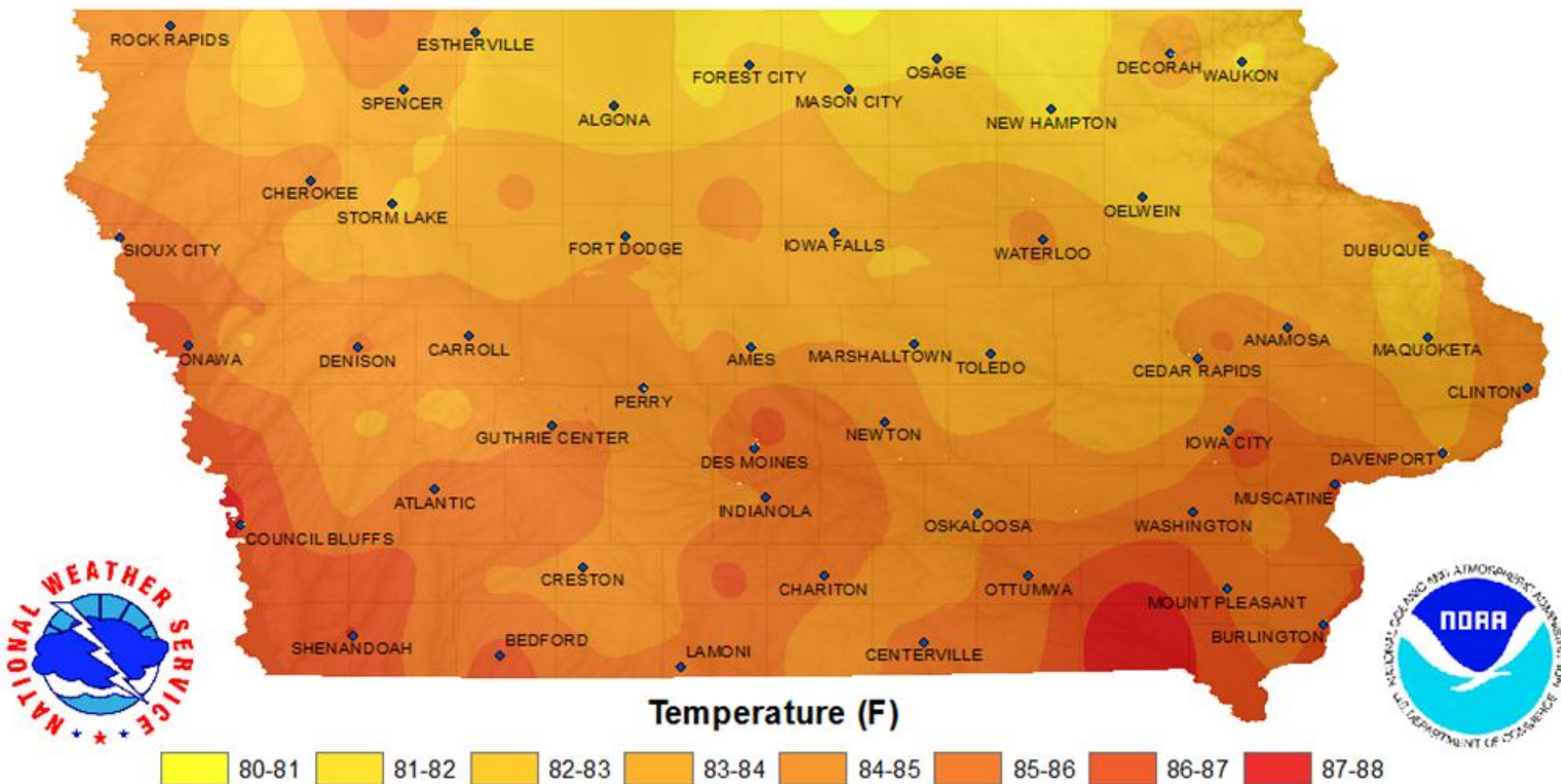
City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp
Algona	70.0	Burlington	74.3	Cherokee	71.7	Decorah	71.9	Forest City	69.7	Iowa Falls	70.6	Mt. Pleasant	73.2	Onawa	73.5	Rock Rapids	71.1	Toledo	70.3
Ames	71.8	Carroll	71.6	Clinton	73.6	Denison	71.9	Ft. Dodge	71.0	Lamoni	71.4	Muscataine	73.2	Osage	69.0	Shenandoah	73.9	Washington	72.5
Anamosa	M	Cedar Rapids	71.3	Council Bluffs/Omaha	73.5	Des Moines	72.4	Guthrie Center	72.0	Maquoketa	70.2	New Hampton	69.6	Oskaloosa	71.7	Sioux City	73.0	Waterloo	72.0
Atlantic	73.0	Centerville	71.8	Creston	71.0	Dubuque	70.9	Indianola	71.3	Marshalltown	71.2	Newton	71.4	Ottumwa	72.2	Spencer	70.5	Waukon	69.0
Bedford	72.8	Chariton	71.2	Davenport	72.0	Estherville	70.4	Iowa City	71.9	Mason City	70.1	Oelwein	70.4	Perry	71.6	Storm Lake	70.2		

# June High Temperature Normals (1981-2010)



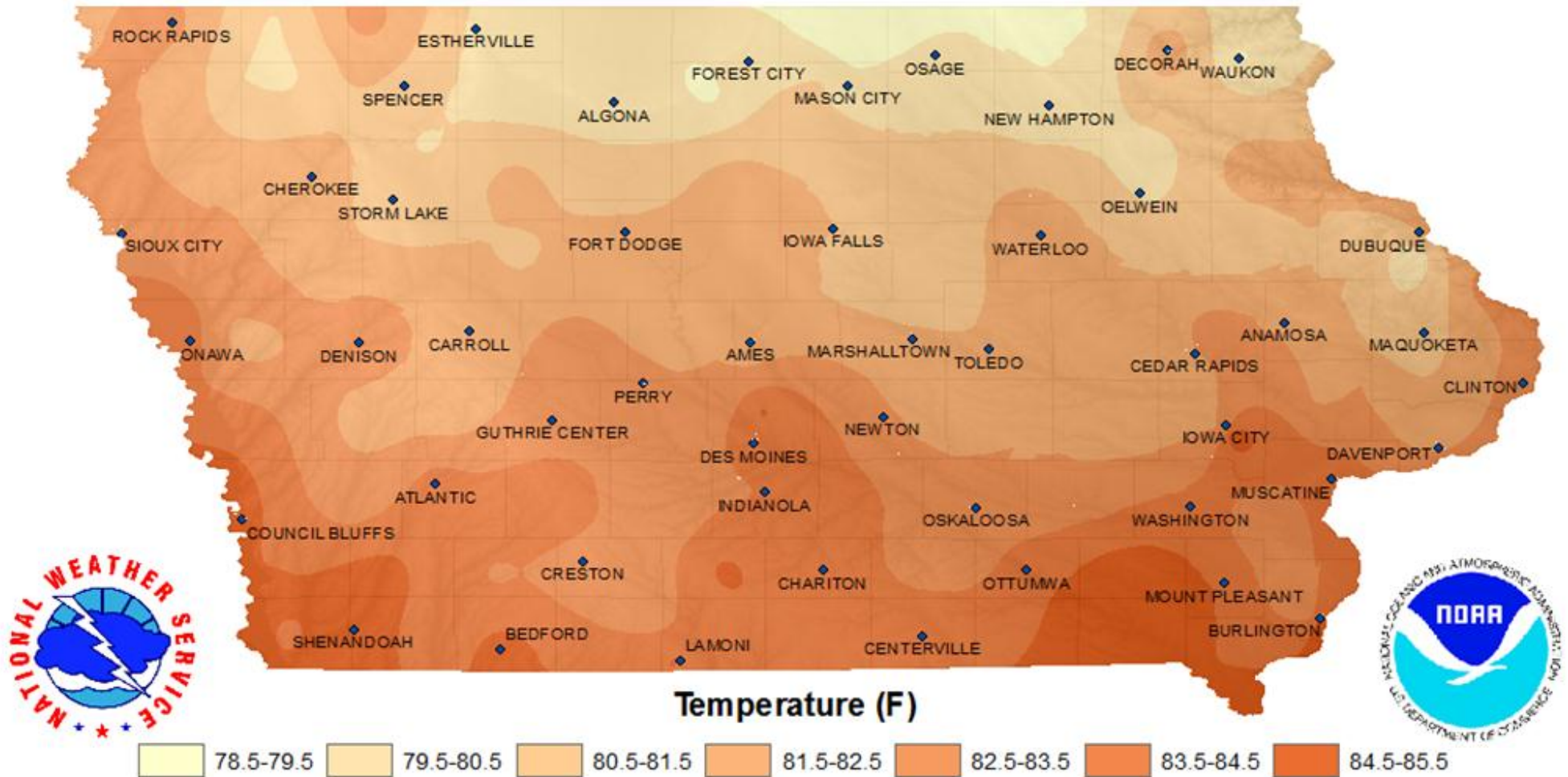
City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp
Algona	79.1	Burlington	83.6	Cherokee	81.1	Decorah	80.7	Forest City	78.6	Iowa Falls	80.2	Mt. Pleasant	82.0	Onawa	83.0	Rock Rapids	80.5	Toledo	79.6
Ames	80.6	Carroll	81.0	Clinton	81.9	Denison	81.5	Ft. Dodge	80.6	Lamoni	80.7	Muscatine	82.8	Osage	78.3	Shenandoah	83.2	Washington	81.7
Anamosa	M	Cedar Rapids	80.3	Council Bluffs/Omaha	83.2	Des Moines	81.6	Guthrie Center	81.4	Maquoketa	79.3	New Hampton	78.4	Oskaloosa	80.6	Sioux City	82.1	Waterloo	81.2
Atlantic	82.5	Centerville	80.8	Creston	80.4	Dubuque	80.9	Indianola	80.3	Marshalltown	80.0	Newton	80.8	Ottumwa	81.5	Spencer	80	Waukon	77.8
Bedford	82.2	Chariton	80.5	Davenport	80.9	Estherville	79.3	Iowa City	81.6	Mason City	79.6	Oelwein	79.1	Perry	81.0	Storm Lake	79.5		

# July High Temperature Normals (1981-2010)



City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp
Algona	82.2	Burlington	86.8	Cherokee	84.8	Decorah	84.1	Forest City	82.2	Iowa Falls	83.7	Mt. Pleasant	86.0	Onawa	86.5	Rock Rapids	84.9	Toledo	83.4
Ames	83.9	Carroll	84.4	Clinton	85.1	Denison	85.2	Ft. Dodge	83.9	Lamoni	85.1	Muscatine	86.2	Osage	82.0	Shenandoah	87.1	Washington	85.7
Anamosa	M	Cedar Rapids	83.5	Council Bluffs/ Omaha	87.3	Des Moines	85.7	Guthrie Center	85.0	Maquoketa	82.6	New Hampton	81.6	Oskaloosa	84.9	Sioux City	85.5	Waterloo	84.4
Atlantic	85.9	Centerville	85.4	Creston	84.5	Dubuque	81.9	Indianola	84.7	Marshalltown	83.6	Newton	84.6	Ottumwa	85.5	Spencer	83.8	Waukon	81.7
Bedford	86.5	Chariton	85.1	Davenport	83.5	Estherville	82.7	Iowa City	87.0	Mason City	82.0	Oelwein	82.4	Perry	84.8	Storm Lake	82.8		

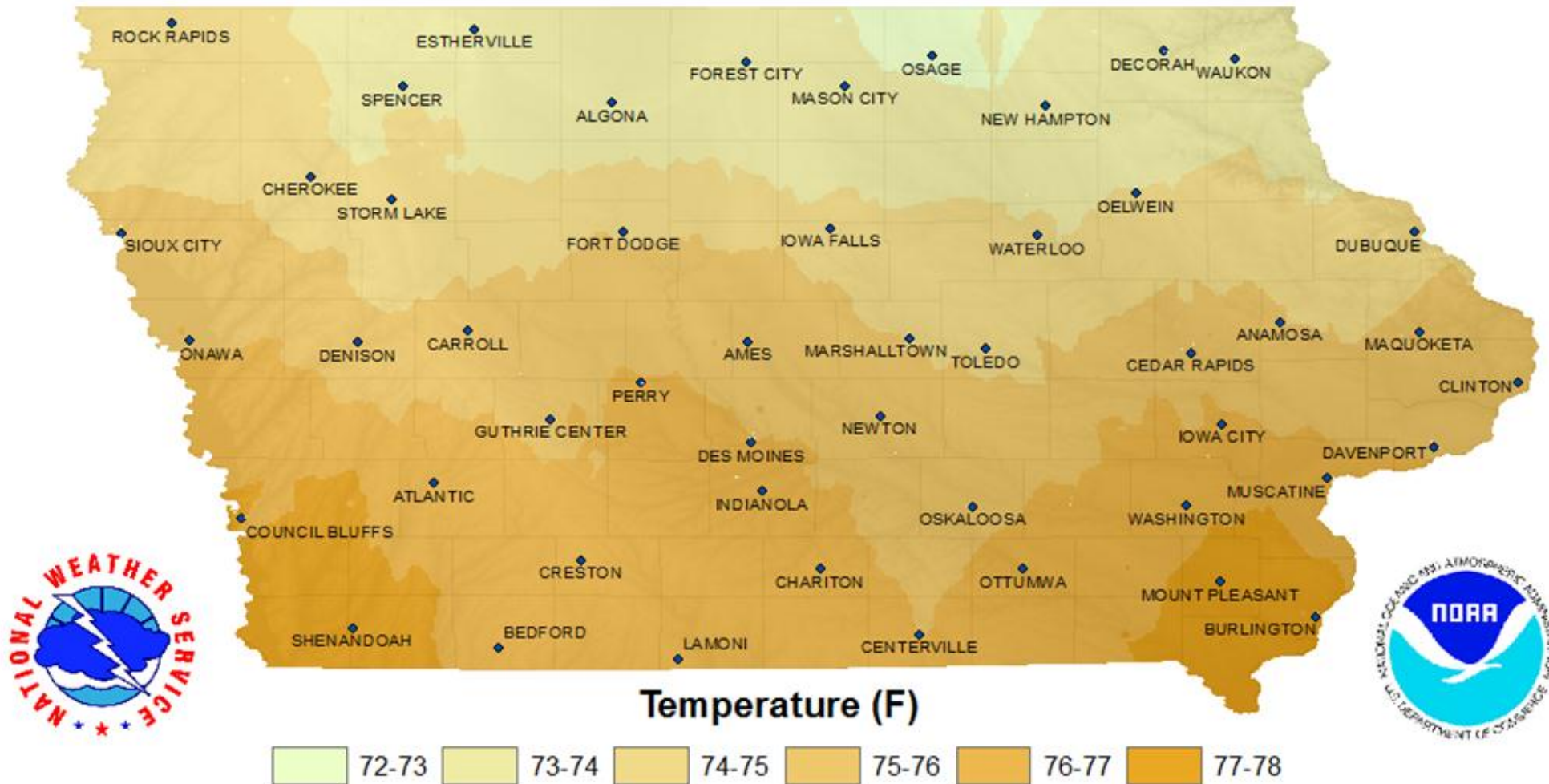
# August High Temperature Normals (1981-2010)



City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp
Algona	79.8	Burlington	85.0	Cherokee	82.4	Decorah	82.3	Forest City	80.1	Iowa Falls	81.5	Mt. Pleasant	84.4	Onawa	84.2	Rock Rapids	82.9	Toledo	81.6
Ames	81.7	Carroll	82.3	Clinton	82.9	Denison	83.2	Ft. Dodge	81.5	Lamoni	83.6	Muscatine	84.1	Osage	79.8	Shenandoah	85.5	Washington	83.9
Anamosa	M	Cedar Rapids	81.5	Council Bluffs/ Omaha	85.1	Des Moines	83.8	Guthrie Center	82.9	Maquoketa	80.7	New Hampton	79.6	Oskaloosa	83.0	Sioux City	83.3	Waterloo	82.2
Atlantic	83.9	Centerville	84.3	Creston	82.9	Dubuque	79.8	Indianola	83.4	Marshalltown	81.2	Newton	82.6	Ottumwa	83.6	Spencer	81.2	Waukon	79.4
Bedford	85.0	Chariton	83.7	Davenport	81.6	Estherville	79.7	Iowa City	82.6	Mason City	79.7	Oelwein	80.3	Perry	82.8	Storm Lake	80.8		

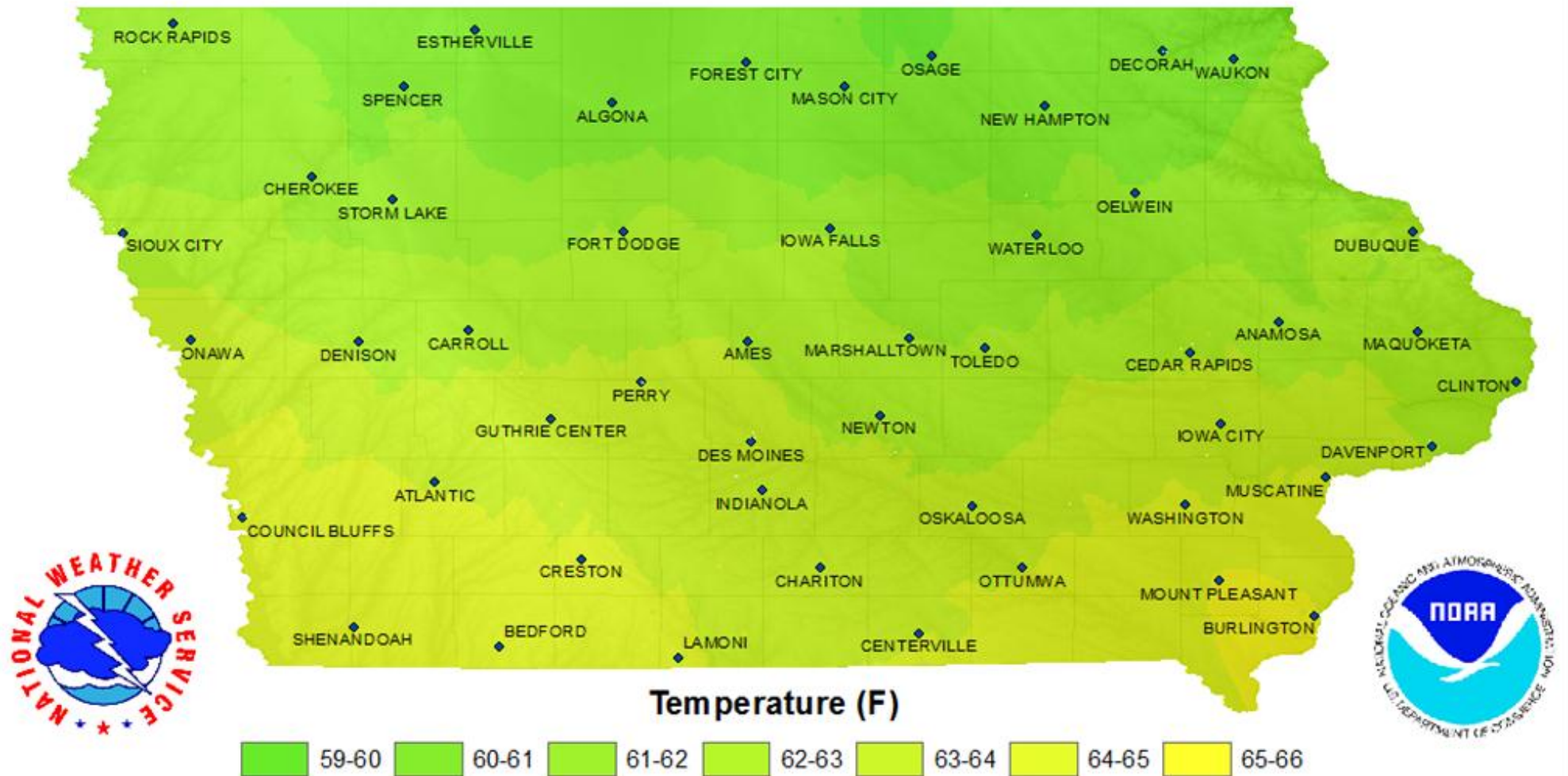


# September High Temperature Normals (1981-2010)



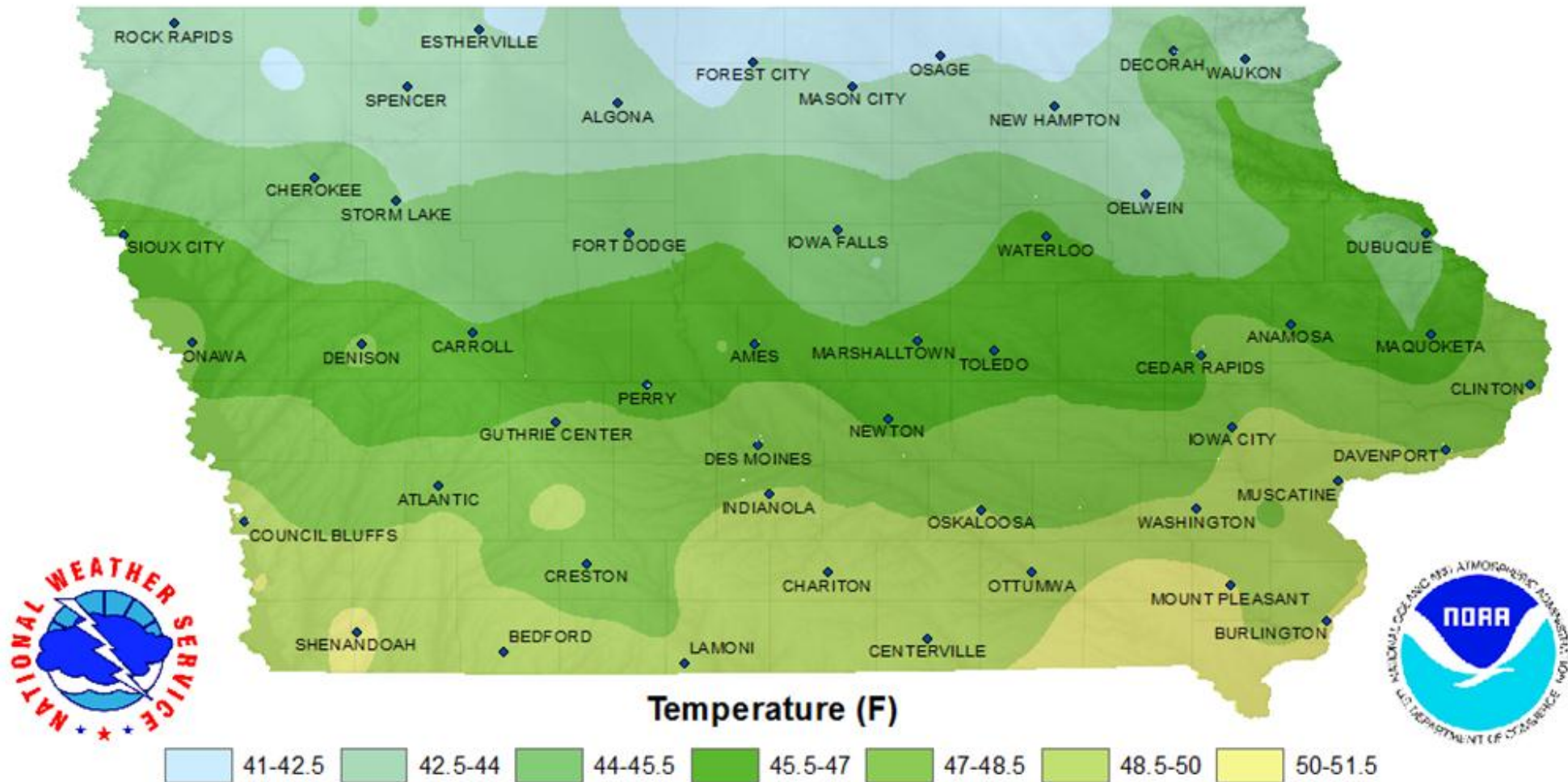
City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp
Algona	73.2	Burlington	78.5	Cherokee	75.0	Decorah	75.1	Forest City	72.9	Iowa Falls	74.5	Mt. Pleasant	77.4	Onawa	77.6	Rock Rapids	74.4	Toledo	74.6
Ames	75.4	Carroll	75.4	Clinton	76.3	Denison	76.3	Ft. Dodge	74.5	Lamoni	76.1	Muscatine	77.5	Osage	72.4	Shenandoah	78.5	Washington	76.9
Anamosa	M	Cedar Rapids	74.5	Council Bluffs/Omaha	77.6	Des Moines	76.1	Guthrie Center	76.1	Maquoketa	73.8	New Hampton	72.3	Oskaloosa	76.0	Sioux City	76.2	Waterloo	75.3
Atlantic	77.3	Centerville	75.3	Creston	75.5	Dubuque	74.4	Indianola	76.0	Marshalltown	74.4	Newton	75.4	Ottumwa	76.0	Spencer	73.7	Waukon	72.1
Bedford	77.3	Chariton	76.0	Davenport	75.0	Estherville	73.1	Iowa City	75.9	Mason City	73.3	Oelwein	74.1	Perry	75.9	Storm Lake	74.0		

# October High Temperature Normals (1981-2010)



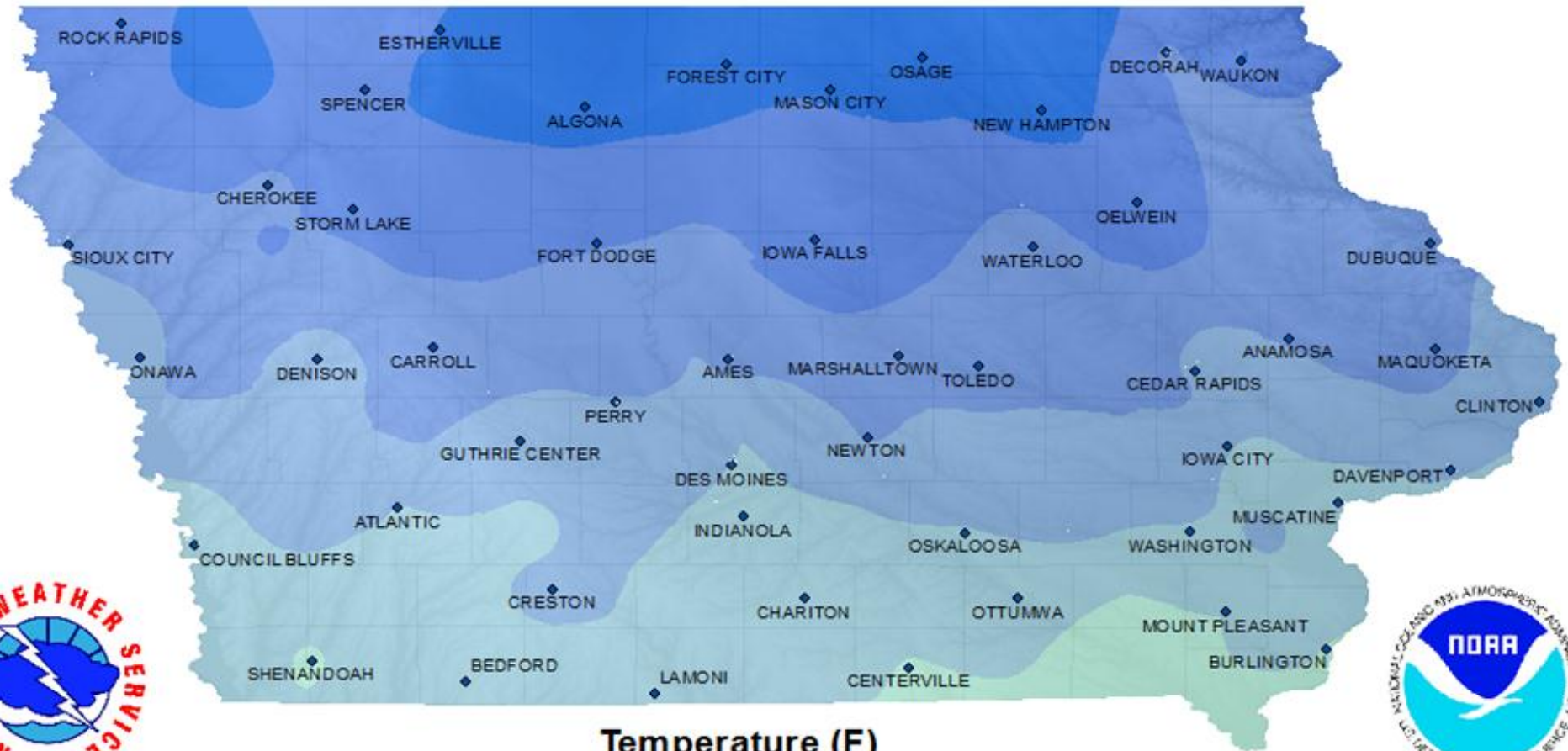
City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp
Algona	60.4	Burlington	66.1	Cherokee	62.2	Decorah	62.5	Forest City	60.0	Iowa Falls	61.8	Mt. Pleasant	65.1	Onawa	65.1	Rock Rapids	61.0	Toledo	62.1
Ames	62.7	Carroll	62.3	Clinton	63.9	Denison	63.5	Ft. Dodge	61.7	Lamoni	63.6	Muscatine	65.1	Osage	59.9	Shenandoah	66.0	Washington	64.5
Anamosa	M	Cedar Rapids	61.8	Council Bluffs/Omaha	64.7	Des Moines	63.1	Guthrie Center	63.4	Maquoketa	61.2	New Hampton	59.3	Oskaloosa	63.5	Sioux City	63.3	Waterloo	61.9
Atlantic	63.4	Centerville	63.4	Creston	63.6	Dubuque	60.0	Indianola	63.8	Marshalltown	61.5	Newton	62.3	Ottumwa	63.4	Spencer	60.3	Waukon	59.4
Bedford	64.8	Chariton	64.1	Davenport	62.8	Estherville	59.4	Iowa City	62.9	Mason City	59.7	Oelwein	60.9	Perry	63.1	Storm Lake	61.0		

# November High Temperature Normals (1981-2010)



City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp
Algona	42.9	Burlington	51.5	Cherokee	45.0	Decorah	45.5	Forest City	42.5	Iowa Falls	44.7	Mt. Pleasant	50.4	Onawa	47.7	Rock Rapids	43.2	Toledo	46.3
Ames	46.1	Carroll	45.6	Clinton	48.6	Denison	47.2	Ft. Dodge	44.9	Lamoqui	48.8	Muscatine	49.8	Osage	42.4	Shenandoah	50.4	Washington	48.8
Anamosa	M	Cedar Rapids	46.5	Council Bluffs/Omaha	48.9	Des Moines	47.9	Guthrie Center	47.3	Maquoketa	45.5	New Hampton	42.7	Oskaloosa	48.5	Sioux City	46.4	Waterloo	45.9
Atlantic	48.3	Centerville	49.7	Creston	47.4	Dubuque	44.8	Indianola	48.5	Marshalltown	46.0	Newton	46.4	Ottumwa	48.8	Spencer	42.8	Waukon	42.5
Bedford	49.9	Chariton	48.8	Davenport	47.9	Estherville	42.1	Iowa City	47.7	Mason City	42.5	Delweir	43.6	Perry	46.6	Storm Lake	44.0		

# December High Temperature Normals (1981-2010)



Temperature (F)



City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp	City	Temp
Algona	27.2	Burlington	37.2	Cherokee	30.4	Decorah	30.3	Forest City	27.1	Iowa Falls	M	Mt. Pleasant	36.0	Onawa	33.2	Rock Rapids	28.7	Toledo	30.9
Ames	31.7	Carroll	31.1	Clinton	33.7	Denison	32.8	Ft. Dodge	29.6	Lamoni	35.2	Muscatine	35.1	Osage	27.1	Shenandoah	36.2	Washington	34.2
Anamosa	M	Cedar Rapids	31.8	Council Bluffs/ Omaha	35.3	Des Moines	34.0	Guthrie Center	32.9	Maquoketa	30.7	New Hampton	27.3	Oskaloosa	34.0	Sioux City	32.1	Waterloo	30.8
Atlantic	34.0	Centerville	36.2	Creston	33.3	Dubuque	30.2	Indianola	34.4	Marshalltown	31.1	Newton	31.7	Ottumwa	34.8	Spencer	28.2	Waukon	27.9
Bedford	35.7	Chariton	35.0	Davenport	33.2	Estherville	27.8	Iowa City	35.1	Mason City	27.7	Oelwein	28.3	Perry	32.1	Storm Lake	29.6		